



# PROFESSIONAL



[www.audiovias.com](http://www.audiovias.com)





professional



# empresa / company

Fundada con el nombre de Dynamic and Sound, D.A.S. Audio se ha desarrollado hasta convertirse en un reconocido fabricante internacional de sistemas de sonido, amplificadores de potencia y equipos relacionados con el procesamiento de audio diseñados para eventos en directo, instalaciones de sonido y aplicaciones portables. Los altavoces y motores de compresión D.A.S. han ganado una reputación envidiable en todo el mundo gracias a su excepcional rendimiento y fiabilidad, como resultado de los últimos avances en el diseño de altavoces. Cada aspecto de los procesos de diseño y fabricación incorpora herramientas de vanguardia, con unos productos que se benefician de los últimos avances en el diseño asistido por ordenador (CAD), modelado virtual en tres dimensiones y prototipado rápido. El resultado es una gama de productos de clase mundial que sitúa a D.A.S. Audio como uno de los líderes en el sector del audio profesional.

Founded under the name *Dynamic and Sound*, D.A.S. Audio has evolved into an internationally recognized manufacturer of loudspeaker systems, power amplification, and related audio processing equipment designed for live events, installed sound, and portable applications. D.A.S. loudspeaker components and compression drivers have earned an enviable reputation throughout the world for exceptional performance and reliability as a result of state-of-the-art transducer design. Every aspect of the company's design/manufacturing processes is cutting edge, with products benefitting from the latest developments in Computer Aided Design (CAD), solid-state modelling, and Rapid Prototyping.

2

Con 2011 marcando 40 años de liderazgo industrial, los clientes de D.A.S. Audio se benefician de los conocimientos y la experiencia adquirida durante más de cuatro décadas de intensa actividad en el mundo del audio, unida a una perspectiva global que pocos competidores pueden igualar. Con una sólida presencia en forma de distribución en los cinco continentes, los sistemas de sonido profesional D.A.S. se pueden encontrar en muchos de los recintos más prestigiosos del mundo, como el Minsk Arena (Minsk, Bielorrusia), el Twickenham Stadium (Londres, Inglaterra) o el Mabee Center (Oklahoma, EE.UU.), por citar algunos.

The result is a world-class catalog of products that has made D.A.S. a leader in the professional audio community.

With 2011 marking 40 years of industry leadership, D.A.S. Audio's customers benefit from the knowledge and experience that is the direct result of over four decades of intense activity in the world of audio—coupled with a global perspective few competitors can match. Having a solid presence in the form of distribution on all five of the world's continents, D.A.S. professional sound systems can be found at many of the world's most prestigious venues, including the Minsk Arena (Minsk, Belarus), the Twickenham Stadium (London, England), or the Mabee Center (Oklahoma, USA) to name a few.

# índice / index

## **sound touring, theater & arena**

|                |    |
|----------------|----|
| aero series    | 4  |
| convert series | 16 |
| road series    | 18 |

## **architectural**

|                  |    |
|------------------|----|
| artec 500 series | 20 |
| WR series        | 24 |
| bidriver plus    | 25 |
| CL series        | 26 |

## **versatile**

|               |    |
|---------------|----|
| event         | 28 |
| avant series  | 30 |
| action series | 33 |
| RF series     | 36 |

## **functional**

|               |    |
|---------------|----|
| DR 500 series | 40 |
| arco series   | 42 |

## **electronics**

|              |    |
|--------------|----|
| D series     | 44 |
| CSA series   | 45 |
| PS series    | 46 |
| A50rack      | 47 |
| DSP series   | 48 |
| DASnet™ Rack | 51 |

|                    |    |
|--------------------|----|
| <b>accessories</b> | 52 |
|--------------------|----|

*æro series*<sup>2</sup>



4

Foto cortesía de / Photo courtesy of: Viña Rock

*æro series*<sup>2</sup>

[www.audiovias.com](http://www.audiovias.com)



Powered    *æro 8A*  
*æro 12A*  
*æro 40A*  
*LX-215A / LX-215RA*  
*LX-218CA / LX-218CRA*  
*LX-218CA.net / LX-218CRA.net*

Externally Powered    *æro 50*  
*LX-215 / LX-215R*  
*LX-218C / LX-218CR*

## Introducción

El Aero 40A es un sistema line array autoamplificado de tres vías que incorpora conectividad para control y monitoreo remotos. La configuración única del avanzado sistema line array Aero 40A, incorpora un altavoz de carga trasera en un recinto con configuración bass-reflex para reproducción de bajas frecuencias. El rango medio se reproduce por medio de un nuevo altavoz de 8" desarrollado específicamente para el Aero 40A. La reproducción de altas frecuencias recae en dos motores de compresión D.A.S. M-75N acoplados a la nueva guía de ondas BPS-2912.

## Introduction

The Aero 40A is a 3-way powered line array system which incorporates connectivity for remote monitoring and control. The unique configuration of the Aero 40A Advanced Line Array System (ALAS™) incorporates a rear-loaded 12" transducer in a bass-horn configuration for low-end reproduction. The mid-range is handled by an 8" transducer developed specifically for the Aero 40A. High frequency reproduction relies on two D.A.S. M-75N compression drivers attached to the new BPS-2912 waveguide.

### Características destacables

- Sistema Line Array Avanzado (ALAS™).
- Configuración tres vías autoamplificado.
- Amplificador Clase D 4000 W pico.
- Potente DSP con filtros FIR Brickwall.
- Limitación y protección mejoradas.
- Conversores AD/DA tope de gama.
- Control y monitoreo remotos vía DASnet™.
- Guías de ondas de nuevo desarrollo.
- Mayor SPL y aumento del manejo de potencia.
- Nuevo sistema de volado para mejorar la facilidad y seguridad de uso.

# æro40A

## Advanced Line Array System (ALAS™)

### Product highlights

- Advanced Line Array System ALAS™.
- Powered, three-way configuration.
- 4,000 W<sub>peak</sub> Class D power amplifier.
- Powerful DSP with Brickwall FIR Filters.
- Full limiting and protection features.
- Latest generation of AD/DA converters.
- Remote monitoring and control via DASnet™.
- Newly developed high frequency waveguides.
- Higher SPL and increased power handling.
- New rigging system for improved ease of use and safety.

## Amplificación

La amplificación del Aero 40A está suministrada por un paquete electrónico que incluye un nuevo amplificador de 2000 W (4000 W pico), un avanzado procesado digital de señal y conectividad para el sistema de gestión remoto. El diseño del amplificador Clase D de tres canales y alta eficiencia, incorpora fuente de alimentación conmutada (SMPS) y un completo sistema de protección, tanto para el amplificador como para los componentes. El primer canal suministra la potencia para la vía de bajas frecuencias, el segundo para la de medios-agudos y el tercero para los motores de compresión.

El Aero 40A incorpora lo último en procesadores digitales de señal. Se han utilizado filtros FIR Brickwall para obtener un perfecto alineamiento entre vías y una uniformidad de cobertura excepcional incluso en las frecuencias de corte. Los conversores tope de gama AD/DA incorporados, añaden mejoras en la dinámica, menor distorsión y niveles de ruido ultra-bajos.

El control y monitoreo remotos se realizan por medio del sistema de gestión de audio para recintos autoamplificados y procesadores DASnet™. El sistema DASnet™ ofrece a los usuarios una visión instantánea e intuitiva sobre el estado del sistema, así como el control sobre una serie de parámetros de un solo recinto o una red de sistemas.



## Amplifier

Power for the Aero 40A is provided by a package of integrated electronics that includes a new 2,000 W (4,000 W<sub>peak</sub>) amplifier, advanced digital signal processing and connectivity for remote system management. The three channel, high efficiency Class D amplifier design is equipped with a switch mode power supply (SMPS) and a comprehensive protection package for both the amplifier as well as the components. Channel one powers the low frequency way, channel two the mid-range with channel three powering the high frequency drivers.

The Aero 40A incorporates the latest in digital signal processors. Brick wall FIR filters have been used to provide perfect alignment between ways achieving exceptionally uniform coverage all the way down to the crossover point. Top-of-the-line AD/DA converters have been employed allowing for significant improvements in dynamics, lower distortion and ultra-low noise levels.

Remote monitoring and control is provided by way of DASnet™, the audio management application for D.A.S. powered cabinets and processors. The DASnet™ software offers users instant and intuitive view of the system status as well as control over a range of parameters of a single cabinet or a network of them.

DASnet™ Rack



## Recinto

El recinto del Aero 40A es de brillante diseño. Está construido en contrachapado de abedul y acabado en pintura negra ISO-Flex que ofrece una excelente protección y durabilidad. Tres ensamblajes individuales que comprenden la guía de ondas de altas frecuencias, la bocina para el altavoz de 8" de rango medio y el asiento para el altavoz de 12", están realizados en inyección de aluminio y adosados al frente del recinto. Ensamblado en la parte trasera del recinto se encuentra un disipador compuesto por dos piezas de aluminio inyectado que alojan el amplificador y los componentes electrónicos relacionados.

Una robusta reja de acero con recubrimiento al polvo se utiliza para proteger los componentes. Los elementos de fijación y parte del sistema de volado son de acero inoxidable. El sistema de volado ha sido diseñado para proporcionar facilidad de uso, manipulación segura y ajuste preciso. Solamente utilizando el ensamblaje integrado y los pasadores de liberación rápida, los enganches con muelle permanecen posicionados durante el volado y previenen el traqueteo durante el funcionamiento.



## Cabinet

The Aero 40A enclosure is brilliant in design. Constructed using birch plywood and finished with the ISO-Flex black paint it offers excellent protection and durability. Three individual assemblies comprising the high frequency waveguide, the horn device for the 8" mid-range and the carrier for the 12" woofer are made from injection molded aluminum and attached to the front of the cabinet. A two-piece injected aluminum heat sink housing the amplifier and related electronics is attached to the rear of the cabinet.

A robust steel grille with a powder coat finish has been used to protect the components. Stainless steel has been employed for fasteners and parts of the new rigging system. The captive rigging system has been designed to provide ease-of-use, safe rigging and precise aiming. Using captive links and quick-release pins, the spring-loaded links remain positioned while rigging and prevent rattling during operation.



æro 8A

æro 12A

æro 40A



| MODEL                                        | æro 8A                                                                                | æro 12A                                                                                                                                                                    | æro 40A                                                                                                                                                                           |
|----------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Power Amplifier                   | 500 W <sub>peak</sub> - 250 W <sub>continuous</sub>                                   | 1000 W <sub>peak</sub> - 500 W <sub>continuous</sub>                                                                                                                       | 2000 W <sub>peak</sub> - 1000 W <sub>continuous</sub>                                                                                                                             |
| Nominal MF Power Amplifier                   | 200 W <sub>peak</sub> - 100 W <sub>continuous</sub>                                   | 200 W <sub>peak</sub> - 100 W <sub>continuous</sub>                                                                                                                        | 1000 W <sub>peak</sub> - 500 W <sub>continuous</sub>                                                                                                                              |
| Nominal HF Power Amplifier                   |                                                                                       |                                                                                                                                                                            | 1000 W <sub>peak</sub> - 500 W <sub>continuous</sub>                                                                                                                              |
| Input Type                                   | Balanced Differential Line                                                            | Balanced Differential Line                                                                                                                                                 | Balanced Differential Line                                                                                                                                                        |
| Input Impedance                              | Line: 20 kohms                                                                        | Line: 20 kohms                                                                                                                                                             | Line: 20 kohms                                                                                                                                                                    |
| Sensitivity                                  | Line: 1.95 V (+8 dBu)                                                                 | Line: 1.95 V (+8 dBu)                                                                                                                                                      | Line: 6.2 V (+18 dBu)                                                                                                                                                             |
| Frequency Range (-10 dB) <sup>(1)</sup>      | 95 Hz-20 kHz                                                                          | 63 Hz-20 kHz                                                                                                                                                               | 60 Hz -20 kHz                                                                                                                                                                     |
| Horizontal Coverage (-6dB)                   | 90° Nominal                                                                           | 90° Nominal                                                                                                                                                                | 90° Nominal                                                                                                                                                                       |
| Vertical Coverage                            | Splay Angle Dependent                                                                 | Splay Angle Dependent                                                                                                                                                      | Splay Angle Dependent                                                                                                                                                             |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 128 dB                                                                                | 134 dB                                                                                                                                                                     | 138 dB                                                                                                                                                                            |
| Transducers/Replacement Parts                | LF: 1 x 8MN/GM 8MN<br>HF: 1 x M-60N/GM M-60N                                          | LF: 1 x 12LN4C/GM 12P4<br>HF: 1 x M-75N/GM M-75N                                                                                                                           | LF: 1 x 12GNRC/GM 12G<br>MF: 1 x 8AN4/GM 8AN4<br>HF: 2 x M-75N/GM M-75N                                                                                                           |
| Enclosure Geometry                           | Trapezoidal 5°                                                                        | Trapezoidal 7°                                                                                                                                                             | Trapezoidal 3,5°                                                                                                                                                                  |
| Enclosure Material                           | Birch Plywood                                                                         | Birch Plywood                                                                                                                                                              | Birch Plywood                                                                                                                                                                     |
| Color/Finish                                 | Black or White/ISO-flex Paint                                                         | Black/ISO-flex Paint                                                                                                                                                       | Black/ISO-flex Paint                                                                                                                                                              |
| Rigging System                               | Integrated in box design<br>0°-10° (1° steps)                                         | Integrated in box design<br>0°-3° (0.5° steps), 3°-10° (1° steps)                                                                                                          | Integrated in box design                                                                                                                                                          |
| Connectors                                   | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON                                                                                      | Audio INPUT: Female XLR<br>Audio LOOP THRU: Male XLR<br>Audio + Data INPUT: etherCON<br>Audio + Data LOOP THRU: etherCON<br>AC INPUT: powerCON TRUE1<br>AC OUTPUT: powerCON TRUE1 |
| AC Power Requirements                        | 1.72 A, 115 V, 50 Hz/60 Hz                                                            | 3.4 A, 115 V, 50 Hz/60 Hz                                                                                                                                                  | 6.0 A, 115 V, 50 Hz/60 Hz                                                                                                                                                         |
| 1/3 Power (Pink Noise)                       | 0.86 A, 230 V, 50 Hz/60 Hz                                                            | 1.7 A, 230 V, 50 Hz/60 Hz                                                                                                                                                  | 3.0 A, 230 V, 50 Hz/60 Hz                                                                                                                                                         |
| Dimensions (H x W x D)                       | 24.5 x 52.6 x 35.5 cm<br>9.6 x 20.7 x 14 in                                           | 31.6 x 68.8 x 38.5 cm<br>12.4 x 27 x 15.2 in                                                                                                                               | 31.5 x 94.2 x 40 cm<br>12.4 x 37.1 x 15.75 in                                                                                                                                     |
| Weight                                       | 18 kg (39.6 lb)                                                                       | 27 kg (59.4 lb)                                                                                                                                                            | 68 kg (149.6 lb)                                                                                                                                                                  |
| Accessories                                  | AX-aero8 Rigging System<br>AXS-aero8 Stacking Base<br>Pick-up AX-LX212                | AX-aero12S2 Rigging System<br>AXS-aero12 Stacking Base<br>AX-Combo12 Rigging Adapter<br>AX-Combo1512 Rigging Adapter<br>PL-12S Steel Stacking Dolly<br>Pick-up AX-aero12S2 | AX-aero40 Rigging System<br>PL-40S Steel Stacking Dolly<br>Pick-up Aero 40<br>DASnet Rack                                                                                         |

**LX-215A / LX-215RA**

**LX-218CA / LX-218CRA**

**LX-218CA.net / LX-218CRA.net**



| MODEL                                        | LX-215A / LX-215RA                                                                                                                                                                                                                       | LX-218CA / LX-218CRA                                                                                                                                                                                               | LX-218CA.NET / LX-218CRA.NET                                                                                                                                                                                       |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal Amplifier Power                      | 3600 W <sub>peak</sub> - 1800 W <sub>continuous</sub>                                                                                                                                                                                    | 4800 W <sub>peak</sub> - 2400 W <sub>continuous</sub>                                                                                                                                                              | 4800 W <sub>peak</sub> - 2400 W <sub>continuous</sub>                                                                                                                                                              |
| Input Type                                   | Balanced Differential Line                                                                                                                                                                                                               | Balanced Differential Line                                                                                                                                                                                         | Balanced Differential Line                                                                                                                                                                                         |
| Input Impedance                              | Line: 20 kohms                                                                                                                                                                                                                           | Line: 20 kohms                                                                                                                                                                                                     | Line: 20 kohms                                                                                                                                                                                                     |
| Sensitivity                                  | Line: 1.95 V (+8 dBu)                                                                                                                                                                                                                    | Line: 1.95 V (+8 dBu)                                                                                                                                                                                              | Line: 1.95 V (+8 dBu)                                                                                                                                                                                              |
| Frequency Range (-10 dB) <sup>(1)</sup>      | 45 Hz-138 Hz                                                                                                                                                                                                                             | 28 Hz-100 Hz                                                                                                                                                                                                       | 28 Hz-100 Hz                                                                                                                                                                                                       |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 140 dB                                                                                                                                                                                                                                   | 142 dB                                                                                                                                                                                                             | 142 dB                                                                                                                                                                                                             |
| Transducers/Replacement Parts                | LF: 2 x 15LXN/GM 15LX                                                                                                                                                                                                                    | LF: 2 x 18LXN/GM 18LX                                                                                                                                                                                              | LF: 2 x 18LXN/GM 18LX                                                                                                                                                                                              |
| Enclosure Geometry                           | Rectangular                                                                                                                                                                                                                              | Rectangular                                                                                                                                                                                                        | Rectangular                                                                                                                                                                                                        |
| Enclosure Material                           | Birch Plywood                                                                                                                                                                                                                            | Birch Plywood                                                                                                                                                                                                      | Birch Plywood                                                                                                                                                                                                      |
| Color/Finish                                 | Black or White/ISO-flex Paint                                                                                                                                                                                                            | Black/ISO-flex Paint                                                                                                                                                                                               | Black/ISO-flex Paint                                                                                                                                                                                               |
| Rigging System                               | Ground Stackable                                                                                                                                                                                                                         | Ground Stackable                                                                                                                                                                                                   | Ground Stackable                                                                                                                                                                                                   |
| Connectors                                   | Integrated in box design (RA)<br>INPUT: 2 x Female XLR<br>LOOP THRU: 2 x Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON                                                                                                           | Integrated in box design (RA)<br>INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                                                                                                    | Integrated in box design (RA)<br>Audio INPUT: Female XLR<br>Audio LOOP THRU: Male XLR<br>Audio + Data INPUT: etherCON<br>Audio + Data LOOP THRU: etherCON<br>AC INPUT: powerCON                                    |
| AC Power Requirements                        | 6 A, 115 V, 50 Hz/60 Hz                                                                                                                                                                                                                  | Universal Mains, 85 - 230 V                                                                                                                                                                                        | Universal Mains, 85 - 230 V                                                                                                                                                                                        |
| 1/3 Power (Pink Noise)                       | 3 A, 230 V, 50 Hz/60 Hz                                                                                                                                                                                                                  | (dual voltage) 1200 VA                                                                                                                                                                                             | (dual voltage) 1200 VA                                                                                                                                                                                             |
| Dimensions (H x W x D)                       | 50.5 x 90.2 x 63.2 cm<br>50.5 x 99.7 x 63.2 cm (RA)<br>19.9 x 35.5 x 24.9 in<br>19.9 x 39.3 x 24.9 in (RA)                                                                                                                               | 55 x 128 x 63.2 cm<br>55 x 135 x 69.6 cm (RA)<br>22 x 51 x 24.9 in<br>22 x 53.2 x 27.4 in (RA)                                                                                                                     | 55 x 128 x 63.2 cm<br>55 x 135 x 69.6 cm (RA)<br>22 x 51 x 24.9 in<br>22 x 54 x 27.4 in (RA)                                                                                                                       |
| Weight                                       | 63.0 kg / 81.0 kg (RA)<br>138.6 lb / 178.2 lb (RA)                                                                                                                                                                                       | 80.5 kg / 99.5 kg (RA)<br>177.1 lb / 218.9 lb (RA)                                                                                                                                                                 | 80.5 kg / 99.5 kg (RA)<br>171.1 lb / 218.9 lb (RA)                                                                                                                                                                 |
| Accessories                                  | AX-LX215 Rigging System (RA)<br>AX-Combo1512 Rigging Adapter (RA)<br>KITW-100 Caster Kit<br>KITR-LX215 Rigging Hardware Kit<br>PL-LX215 Dolly Panel (RA included)<br>PL-215S Flat Bed Dolly<br>Pick-up AX-LX215 (RA)<br>TRD-6 Pole Mount | AX-aero50 Rigging System (RA)<br>AX-Combo12 Rigging Adapter (RA)<br>KITR-LX218C Rigging Hardware Kit<br>KITW-100 Caster Kit<br>Pick-up AX-aero50<br>PL-LX218C Dolly Panel (RA included)<br>PL-218CS Flat Bed Dolly | AX-aero50 Rigging System (RA)<br>AX-Combo12 Rigging Adapter (RA)<br>KITR-LX218C Rigging Hardware Kit<br>KITW-100 Caster Kit<br>Pick-up AX-aero50<br>PL-LX218C Dolly Panel (RA included)<br>PL-218CS Flat Bed Dolly |

Notes: 1. Frequency range measured with Low Pass filter set up at 125Hz. Amplifier includes Variable Low pass filter from 100Hz to 160Hz (except LX-218CA).  
2. Maximum calculated Peak SPL based on sensitivity and RMS amplifier power.

## aero50

aero 50



| MODEL                                        | aero 50                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------|
| Frequency Range (-10 dB)                     | 45 Hz-20 kHz                                                                |
| Horizontal Coverage (-6 dB)                  | 90° Nominal                                                                 |
| Vertical Coverage                            | Splay Angle Dependent                                                       |
| RMS (Average) Power Handling <sup>(1)</sup>  | LF: 2 x 700 W<br>MF: 700 W<br>HF: 300 W                                     |
| On-Axis Sensitivity 1 W / 1 m                | LF: 99 dB SPL<br>MF: 104 dB SPL<br>HF: 112 dB SPL                           |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | LF: 136 dB<br>MF: 139 dB<br>HF: 141 dB                                      |
| Transducers/Replacement Parts                | LF: 2 x 15GMR/GM 15G<br>MF: 4 x 8MN/GM 8MN<br>HF: 2 x M-75N/GM M-75N        |
| Nominal Impedance                            | LF: 8+8 ohms<br>MF: 8 ohms<br>HF: 16 ohms                                   |
| Recommended Amplifier Power                  | A50rack 1 (6 x aero 50)<br>A50rack 2 (12 x aero 50)                         |
| Enclosure Geometry                           | Trapezoidal 5°                                                              |
| Enclosure Material                           | Birch Plywood                                                               |
| Color/Finish                                 | Black/ISO-flex Paint                                                        |
| Rigging System Splay Angles                  | Integrated in box design<br>0°-3.2° (0.8° steps), 3.2°-9.6° (1.6° steps)    |
| Connectors                                   | 2 x NL8 speakON<br>wired LF <sub>1</sub> ±1, LF <sub>2</sub> ±2, MF±3, HF±4 |
| Dimensions (H x W x D)                       | 47.5 x 135 x 62.7 cm<br>18.7 x 53.1 x 24.7 in                               |
| Weight                                       | 85 kg<br>187 lb                                                             |
| Accessories                                  | AX-aero50 Rigging System<br>AX-Combo12 Rigging Adapter<br>Pick-up AX-aero50 |

Notes: 1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise (IEC shaped).  
2. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

14

A50rack\_1



## LX-215 / LX-215R



## LX-218C / LX-218CR



| MODEL                                        | LX-215 / LX-215R                                                                                                                                                                                                     | LX-218C / LX-218CR                                                                                                                                                                                              |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range (-10 dB)                     | 45 Hz-138 Hz                                                                                                                                                                                                         | 28 Hz-100 Hz                                                                                                                                                                                                    |
| RMS (Average) Power Handling <sup>(1)</sup>  | 1600 W                                                                                                                                                                                                               | 2000 W                                                                                                                                                                                                          |
| On-Axis Sensitivity 1 W / 1 m                | 102 dB SPL                                                                                                                                                                                                           | 103 dB SPL                                                                                                                                                                                                      |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 140 dB                                                                                                                                                                                                               | 142 dB                                                                                                                                                                                                          |
| Transducers/Replacement Parts                | 2 x 15LXN/GM 15LX                                                                                                                                                                                                    | 2 x 18LXN/GM 18LX                                                                                                                                                                                               |
| Nominal Impedance                            | 4 ohms                                                                                                                                                                                                               | 4 ohms                                                                                                                                                                                                          |
| Recommended Amplifier Power                  | 2 x 1800 W @ 4 ohms<br>(2 units LX-215)                                                                                                                                                                              | 2 x 2400 W @ 4 ohms<br>(2 units LX-218 )                                                                                                                                                                        |
| Enclosure Geometry                           | Rectangular                                                                                                                                                                                                          | Rectangular                                                                                                                                                                                                     |
| Enclosure Material                           | Birch Plywood                                                                                                                                                                                                        | Birch Plywood                                                                                                                                                                                                   |
| Color/Finish                                 | Black or White/ISO-flex Paint                                                                                                                                                                                        | Black/ISO-flex Paint                                                                                                                                                                                            |
| Rigging System                               | Ground Stackable                                                                                                                                                                                                     | Ground Stackable                                                                                                                                                                                                |
| Connectors                                   | Integrated in box design (R)                                                                                                                                                                                         | Integrated in box design (R)                                                                                                                                                                                    |
| Dimensions (H x W x D)                       | 2 x NL8 speakON wired ±1<br>50.5 x 90.2 x 63.2 cm<br>50.5 x 99.7 x 63.2 cm (R)<br>19.9 x 35.5 x 24.9 in<br>19.9 x 39.3 x 24.9 in (R)                                                                                 | 2 X NL8 speakON wired ±1<br>55 x 128 x 63.2 cm<br>55 x 135 x 69.6 cm (R)<br>22 x 51 x 24.9 in<br>22 x 54 x 27.4 in (R)                                                                                          |
| Weight                                       | 61 kg / 79 kg (R)<br>134.2 lb / 173.8 lb (R)                                                                                                                                                                         | 78.5 kg / 94.5 kg (R)<br>176.1lb / 207.9 lb (R)                                                                                                                                                                 |
| Accessories                                  | AX-LX215 Rigging System (R)<br>AX-Combo1512 (R)<br>KITW-100 Caster Kit<br>KITR-LX215 Rigging Hardware Kit<br>PL-LX215 Dolly Panel (R included)<br>PL-215S Flat Bed Dolly<br>Pick-up AX-LX215 (R)<br>TRD-6 Pole Mount | AX-aero50 Rigging System (R)<br>AX-Combo12 Rigging Adapter (R)<br>KITR-LX218C Rigging Hardware Kit<br>KITW-100 Caster Kit<br>Pick-up AX-aero50<br>PL-LX218C Dolly Panel (R included)<br>PL-218CS Flat Bed Dolly |

| MODEL                          | A50rack_1                                                                                                                                                                                                                                                                                                      | A50rack_2                                                                                                                                                                                                       |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Drive Capabilities             | 6 x Aero 50                                                                                                                                                                                                                                                                                                    | 12 x Aero 50                                                                                                                                                                                                    |
| Amplifiers                     | 3 x D.A.S. D100                                                                                                                                                                                                                                                                                                | 6 x Powersoft K6DSP                                                                                                                                                                                             |
| Power/Channel (each amplifier) | 4 x 2800 W @ 4 ohms                                                                                                                                                                                                                                                                                            | 2 x 3600 W @ 2 ohms                                                                                                                                                                                             |
| Processors                     | D.A.S. DSP-2060A or DSP-4080                                                                                                                                                                                                                                                                                   | Powersoft AESOP                                                                                                                                                                                                 |
| Power Distro                   | A50_Distro1, 32 A, 400 V<br>3 "Phase Active" LEDS                                                                                                                                                                                                                                                              | A50_Distro2, 32 A, 400 V<br>3 "Phase Active" LEDS                                                                                                                                                               |
| Protection                     | 1 x RCD 40A 30mA 4P<br>6 x MCB 16A "C" 1P                                                                                                                                                                                                                                                                      | 1 x RCD 40A 30mA 4P<br>6 x MCB 16A "C" 1P                                                                                                                                                                       |
| Connectors                     | AC In: 1 x 32A CEE, 400V, 5P<br>AC Thru: 1 x 32A CEE, 400V, 5P<br>Distributed AC Out: 6 x 16A Shuko<br>Audio Input: 2 x Female XLR<br>Audio Output: 2 x Male XLR<br>AudioCore Input: 1 x Female XLR<br>AudioCore Output: 1 x Male XLR<br>Amplifier Output: 3 x Speakon NL8<br>(Wired ±1LF1, ±2LF2, ±3MF, ±4HF) | AC In: 1 x 32A CEE, 400V, 5P<br>Distributed AC Out: 6 x 16A CEE, 230V, 3P<br>Audio Input: 3 x Female XLR<br>Audio Output: 3 x Male XLR<br>Amplifier Output: 3 x Speakon NL8<br>(Wired ±1LF1, ±2LF2, ±3MF, ±4HF) |
| Rack size                      | 10U                                                                                                                                                                                                                                                                                                            | 10U                                                                                                                                                                                                             |
| Construction                   | 9 mm Birch plywood<br>100 mm casters with brakes<br>20 mm high density foam interior<br>Front and rear covers<br>Professional grade hardware                                                                                                                                                                   | 9 mm Birch plywood<br>100 mm casters with brakes<br>20 mm high density foam interior<br>Front and rear covers<br>Professional grade hardware                                                                    |
| Dimensions (H x W x D)         | 70.1x 58.2 x 87.3 cm<br>27.6 x 22.9 x 34.4 in                                                                                                                                                                                                                                                                  | 70.1 x 58.2 x 87.3 cm<br>27.6 x 22.9 x 34.4 in                                                                                                                                                                  |
| Weight                         | 56 kg (123.2 lb)                                                                                                                                                                                                                                                                                               | 92 kg (202.4 lb)                                                                                                                                                                                                |

# convert series

Los sistemas autoamplificados multifunción **convert** combinan el rendimiento y la fiabilidad D.A.S., con las últimas innovaciones tecnológicas para ofrecer a los usuarios un nivel incomparable de flexibilidad. Las excepcionales características de su amplificación incorporada, el sofisticado diseño de su guía de ondas y su procesamiento digital de señal, proporcionan la potencia y el control necesarios, permitiendo a los recintos **convert** ser utilizados como sistemas principales o como equipo de apoyo en gran número de aplicaciones. La simplicidad de su sistema de colgado y una amplia gama de accesorios de montaje, aumentan las posibilidades de aplicación de la Serie **convert** de D.A.S.

## convert 12A



## convert 1560A / convert 1590A



16

| MODEL                                        | convert 12A                                                                                                                   |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Amplifier Power                   | 1100 W <sub>peak</sub> - 550 W <sub>continuous</sub>                                                                          |
| Nominal HF Amplifier Power                   | 440 W <sub>peak</sub> - 220 W <sub>continuous</sub>                                                                           |
| Input Type                                   | Balanced Differential Line                                                                                                    |
| Input Impedance                              | Line: 20 kohms                                                                                                                |
| Sensitivity                                  | Line: 1.95 V (+8 dBu)                                                                                                         |
| Frequency Range (-10 dB)                     | 63 Hz-20 kHz                                                                                                                  |
| Rated Maximum Peak SPL at 1 m <sup>(3)</sup> | 131 dB                                                                                                                        |
| Nominal -6 dB Beamwidths                     | 90° H x 15° V                                                                                                                 |
| Enclosure Material                           | Birch Plywood                                                                                                                 |
| Color/Finish                                 | Black or White/ISO-flex Paint                                                                                                 |
| Transducers/Replacement Parts                | LF: 12V4/GM 12P4<br>HF: 2 x M-60N/GM M-60N                                                                                    |
| Connectors                                   | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON                                         |
| AC Power Requirements                        | 3.4 A, 115 V, 50 Hz/60 Hz                                                                                                     |
| 1/3 Power (Pink Noise)                       | 1.7 A, 230 V, 50 Hz/60 Hz                                                                                                     |
| Dimensions (H x W x D)                       | 32.2 x 57.6 x 41.7 cm<br>12.7 x 22.7 x 16.4 in                                                                                |
| Weight                                       | 27.5 kg (60.5 lb)                                                                                                             |
| Accessories                                  | AX-convert12 Rigging System<br>AXS-convert12 Stacking Base<br>Pick-up-AX-convert12<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount |

| MODEL                         | convert 1560A / convert 1590A                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Amplifier Power    | 2000 W <sub>peak</sub> - 1000 W <sub>continuous</sub>                                                                                                                 |
| Nominal HF Amplifier Power    | 1000 + 1000 W <sub>peak</sub><br>500 + 500 W <sub>continuous</sub>                                                                                                    |
| Input Type                    | Balanced Differential Line                                                                                                                                            |
| Frequency Range (-10 dB)      | 55 Hz - 20 kHz                                                                                                                                                        |
| Phase Response (+/-20°)       | 400 Hz-18 kHz                                                                                                                                                         |
| Rated Maximum Peak SPL at 1 m | 138 dB                                                                                                                                                                |
| Nominal -6 dB Beamwidths      | 60° x 20°<br>20°/40° x 60°                                                                                                                                            |
| Curved Source (1560A) (H x V) | 90° x 20°                                                                                                                                                             |
| Point Source (1560A) (H x V)  | 20°/40° x 90°                                                                                                                                                         |
| Curved Source (1590A) (H x V) |                                                                                                                                                                       |
| Point Source (1590A) (H x V)  |                                                                                                                                                                       |
| Enclosure Material            | Birch Plywood                                                                                                                                                         |
| Finish                        | Black/ISO-flex Paint                                                                                                                                                  |
| Transducers/Replacement Parts | LF: 15GNR/GM15G<br>HF: 3 x M-60N/GM M-60N                                                                                                                             |
| Connectors                    | Audio INPUT: Female XLR<br>Audio LOOP THRU: Male XLR<br>Audio + Data INPUT: etherCON<br>Audio + Data LOOP THRU: etherCON<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements         | 5.0 A, 115 V, 50 Hz/60 Hz                                                                                                                                             |
| 1/3 Power (Pink Noise)        | 2.5 A, 230 V, 50 Hz/60 Hz                                                                                                                                             |
| Dimensions (H x W x D)        | 89.3 x 41.7 x 59 cm<br>35.6 x 16.45 x 23.4 in                                                                                                                         |
| (with rigging)                | 93.6 x 41.8 x 64 cm<br>37.2 x 16.45 x 25.2 in                                                                                                                         |
| Weight                        | CV-1590A 48.2 kg (106 lb)<br>CV-1590RA 60.4 kg (132.88 lb)<br>CV-1560A 49.7 kg (109.34 lb)<br>CV-1560RA 61.9 kg (136.18 lb)                                           |
| Accessories                   | AX-Convert15B Rigging System<br>AXA-CV15H Rigging System<br>AXA-CV15H Rigging System<br>Pick Up Convert15<br>PL-CV15S Dolly Panel<br>UFB Universal Fly Bar            |

The **convert** powered, multifunction systems combine D.A.S.'s reputation for performance and reliability with the latest technological innovations offering users an unmatched level of versatility. The exceptional characteristics of the onboard amplification, complex waveguide design and digital signal processing provide the output and control required, allowing the **convert** series to be deployed as a main system or in any number of support applications. The easy-to-use rigging hardware and range of mounting accessories expand the possible applications of the D.A.S. **convert** series.



**convert 18A**

**SX-218A**



| MODEL                         | convert 18A                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------|
| Nominal Amplifier Power       | 2000 W <sub>peak</sub> - 1000 W <sub>continuous</sub>                                         |
| Input Type                    | Balanced Differential Line                                                                    |
| Input Impedance               | Line: 20 kohms                                                                                |
| Sensitivity                   | Line: 1.95 V (+8 dBu)                                                                         |
| Frequency Range (-10 dB)      | 35 Hz - 160 Hz (variable LPF)                                                                 |
| Maximum Peak SPL at 1 m       | 134 dB                                                                                        |
| Transducers/Replacement Parts | LF: 18H/GM 18G                                                                                |
| Enclosure Material            | Birch Plywood                                                                                 |
| Color/Finish                  | Black or White/ISO-flex Paint                                                                 |
| Connectors                    | INPUT: 2 x Female XLR<br>LOOP THRU: 2 x Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements         | 3.2 A, 115 V, 50 Hz/60 Hz                                                                     |
| 1/3 Power (Pink Noise)        | 1.6 A, 230 V, 50 Hz/60 Hz                                                                     |
| Dimensions (H x W x D)        | 56 x 57.6 x 67 cm<br>22 x 22.7 x 26.4 in                                                      |
| Weight                        | 47 kg (103.6 lb)                                                                              |
| Accessories                   | TRD-6 Pole Mount                                                                              |

| MODEL                         | SX-218A                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------|
| Nominal Amplifier Power       | 3600 W <sub>peak</sub> - 1800 W <sub>continuous</sub>                                         |
| Input Type                    | Balanced Differential Line                                                                    |
| Input Impedance               | Line: 20 kohms                                                                                |
| Sensitivity                   | Line: 1.95 V (+8 dBu)                                                                         |
| Frequency Range (-10 dB)      | 35 Hz - 160 Hz (variable LPF)                                                                 |
| Maximum Peak SPL at 1 m       | 140 dB                                                                                        |
| Transducers/Replacement Parts | LF: 2 x 18SXN/GM 18SX                                                                         |
| Enclosure Material            | Birch Plywood                                                                                 |
| Color/Finish                  | Black/ISO-flex Paint                                                                          |
| Connectors                    | INPUT: 2 x Female XLR<br>LOOP THRU: 2 x Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements         | 115 V, 6 A, 50 Hz/60 Hz<br>230 V, 3 A, 50 Hz/60 Hz                                            |
| Dimensions (H x W x D)        | 101.2 x 69 x 58 cm<br>39.8 x 27.2 x 22.8 in                                                   |
| Weight                        | 71.5 kg (157 lb)                                                                              |
| Accessories                   | AXS-convert12 Stacking Base<br>TRD-6 Pole Mount                                               |

# road series

La serie de monitores de escenario **road** ha sido diseñada para apoyar la actuación del artista y por consiguiente asegurar el éxito del evento. La serie **road** emplea una configuración de dos vías autoamplificadas. El recinto de compactas dimensiones ofrece un diseño de bajo perfil sin sacrificar potencia ni calidad sonora.

The D.A.S. **road** series stage monitors have been designed to enhance the artist's performance and consequently the success of the event. The **road** series employs a two-way configuration and a reduced enclosure size to provide a low profile design without sacrificing power handling or sound quality. The **road** series-compact dimensions, a functional design and high performance.

## road 12A / road 12A.net



| MODEL                                        | road 12A / road 12A.net                                                                                                                                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Amplifier Power                   | 1100 W <sub>peak</sub> - 550 W <sub>continuous</sub>                                                                                                                  |
| Nominal HF Amplifier Power                   | 440 W <sub>peak</sub> - 220 W <sub>continuous</sub>                                                                                                                   |
| Input Type                                   | Balanced                                                                                                                                                              |
| Input Impedance                              | Line: 20 kohms                                                                                                                                                        |
| Sensitivity                                  | Line: 1.55 V (+6 dBu)                                                                                                                                                 |
| Frequency Range (-10 dB)                     | 55 Hz-23 kHz                                                                                                                                                          |
| Rated Maximum Peak SPL at 1 m <sup>(1)</sup> | 134 dB                                                                                                                                                                |
| Nominal -6 dB Beamwidths                     | 40° H x 60° V                                                                                                                                                         |
| Enclosure Material                           | Birch Plywood                                                                                                                                                         |
| Color/Finish                                 | Black/ISO-flex Paint                                                                                                                                                  |
| Transducers/Replacement Parts                | LF: 12R4/GM 12P4<br>HF: M-75/GM M-75N                                                                                                                                 |
| Connectors                                   | Audio INPUT: Female XLR<br>Audio LOOP THRU: Male XLR<br>Audio + Data INPUT: etherCON<br>Audio + Data LOOP THRU: etherCON<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements                        | 3.4 A, 115 V, 50 Hz/60 Hz                                                                                                                                             |
| 1/3 Power (Pink Noise)                       | 1.7 A, 230 V, 50 Hz/60 Hz                                                                                                                                             |
| Dimensions (H x W x D)                       | 32.4 x 64.8 x 42 cm<br>12.8 x 25.5 x 16.5 in                                                                                                                          |
| Weight                                       | 23.5 kg (51.7 lb)                                                                                                                                                     |
| Accessories                                  | TRD-2 Speaker Stand<br>TRD-6 Pole Mount                                                                                                                               |

Notes: 1. Maximum calculated Peak SPL based on sensitivity and RMS amplifier power.



Foto cortesía de / Photo courtesy of: Roberto García y Diego López - Viña Rock

**road 15A / road 15A.net**



| MODEL                                        | road 15A / road 15A.net                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------|
| Nominal LF Amplifier Power                   | 1100 Wpeak - 550 Wcontinuous                                                  |
| Nominal HF Amplifier Power                   | 440 Wpeak - 220 Wcontinuous                                                   |
| Input Type                                   | Balanced                                                                      |
| Input Impedance                              | Line: 20 kohms                                                                |
| Sensitivity                                  | Line: 1.55 V (+6 dBu)                                                         |
| Frequency Range (-10 dB)                     | 47 Hz-23 kHz                                                                  |
| Rated Maximum Peak SPL at 1 m <sup>(1)</sup> | 134 dB                                                                        |
| Nominal -6 dB Beamwidths                     | 40° H x 60° V                                                                 |
| Enclosure Material                           | Birch Plywood                                                                 |
| Color/Finish                                 | Black/ISO-flex Paint                                                          |
| Transducers/Replacement Parts                | LF: 15R4/GM 15R4<br>HF: M-75/GM M-75N                                         |
| Connectors                                   | Audio INPUT: Female XLR<br>Audio LOOP THRU: Male XLR                          |
| (.net version)                               | Audio + Data INPUT: etherCON                                                  |
| (.net version)                               | Audio + Data LOOP THRU: etherCON<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements                        | 3.4 A, 115 V, 50 Hz/60 Hz                                                     |
| 1/3 Power (Pink Noise)                       | 1.7 A, 230 V, 50 Hz/60 Hz                                                     |
| Dimensions (H x W x D)                       | 37.1 x 74.7 x 48 cm<br>14.6 x 29.4 x 18.9 in                                  |
| Weight                                       | 27.3 kg (60 lb)                                                               |
| Accessories                                  | TRD-2 Speaker Stand<br>TRD-6 Pole Mount                                       |



# artec 500 series

Los sistemas de la serie **artec 500** han sido desarrollados para ofrecer una amplia respuesta en frecuencia y gran nivel de presión sonora. Gracias a sus reducidas dimensiones y a la gran gama de accesorios de montaje los modelos **artec 500** pueden ser instalados en paredes, techos o columnas con un impacto visual mínimo. Ideales para proporcionar cobertura bajo balcón, para relleno de áreas o aplicaciones de campo cercano, su diseño limpio y elegante se integra perfectamente en ambientes tales como hoteles, restaurantes y centros de convenciones.

The **artec 500** series full range systems have been designed to provide wide bandwidth and high SPL in a visually discrete package. The **artec 500** products can be installed on walls, ceilings or columns thanks to an extensive selection of optional mounting accessories. The ideal choice for under balcony, area fill and near field applications, their reduced dimensions and sleek styling fits perfectly into multiple surroundings including hotels, restaurants, and karaoke.



## artec 506A



| MODEL                                  | artec 506A                                                                                                                                      |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Amplifier Power             | 720 W <sub>peak</sub> - 360 W <sub>continuous</sub>                                                                                             |
| Nominal HF Amplifier Power             | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                             |
| Input Type                             | Balanced Differential Line                                                                                                                      |
| Input Impedance                        | Line: 20 kohms                                                                                                                                  |
| Sensitivity                            | Line: 1.95 V (+8 dBu)                                                                                                                           |
| Frequency Range (-10 dB)               | 65 Hz - 20 kHz                                                                                                                                  |
| HF Horn Coverage Angles (-6dB)         | 80° x 80°                                                                                                                                       |
| Maximum Peak SPL at 1 m <sup>(1)</sup> | 122 dB                                                                                                                                          |
| Transducers/Replacement Parts          | LF: 6P/6P<br>HF: M-34/GM M-34                                                                                                                   |
| Enclosure Material                     | Birch Plywood                                                                                                                                   |
| Color/Finish                           | Black or White/ISO-flex Paint                                                                                                                   |
| Connectors                             | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                                                                  |
| AC Power Requirements                  | 115 V, 50 Hz/60 Hz<br>230 V, 50 Hz/60 Hz                                                                                                        |
| Dimensions (H x W x D)                 | 38 x 19.5 x 25.5 cm<br>15 x 7.7 x 10 in                                                                                                         |
| Weight                                 | 9 kg (19.8 lb)                                                                                                                                  |
| Accessories                            | ANL-2 Eye Bolt<br>AXU-A506 U Bracket<br>AXW-1 Wall Mount<br>AXR-A500 Rigging Plate<br>TRD-6 Pole Mount + AXC-ZT<br>TRD-2 Speaker Stand + AXC-ZT |

## artec 526A



| MODEL                                  | artec 526A                                                                                                                                      |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Amplifier Power             | 720 W <sub>peak</sub> - 360 W <sub>continuous</sub>                                                                                             |
| Nominal HF Amplifier Power             | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                             |
| Input Type                             | Balanced Differential Line                                                                                                                      |
| Input Impedance                        | Line: 20 kohms                                                                                                                                  |
| Sensitivity                            | Line: 1.95 V (+8 dBu)                                                                                                                           |
| Frequency Range (-10 dB)               | 60 Hz - 20 kHz                                                                                                                                  |
| HF Horn Coverage Angles (-6dB)         | 80° x 80°                                                                                                                                       |
| Maximum Peak SPL at 1 m <sup>(1)</sup> | 125 dB                                                                                                                                          |
| Transducers/Replacement Parts          | LF: 2 x 6P4/6P4<br>HF: M-34/GM M-34                                                                                                             |
| Enclosure Material                     | Birch Plywood                                                                                                                                   |
| Color/Finish                           | Black or White/ISO-flex Paint                                                                                                                   |
| Connectors                             | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                                                                  |
| AC Power Requirements                  | 115 V, 50 Hz/60 Hz<br>230 V, 50 Hz/60 Hz                                                                                                        |
| Dimensions (H x W x D)                 | 45 x 19.5 x 25.5 cm<br>17.7 x 7.7 x 10 in                                                                                                       |
| Weight                                 | 11 kg (24.3 lb)                                                                                                                                 |
| Accessories                            | ANL-2 Eye Bolt<br>AXU-A526 U Bracket<br>AXW-1 Wall Mount<br>AXR-A500 Rigging Plate<br>TRD-6 Pole Mount + AXC-ZT<br>TRD-2 Speaker Stand + AXC-ZT |

Notes: 1. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

## artec 506

| MODEL                                       | artec 506                                                                                                                                       |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Peak Power Handling                         | 800 W                                                                                                                                           |
| RMS (Average) Power Handling <sup>(2)</sup> | 200 W                                                                                                                                           |
| Frequency Range (-10 dB)                    | 65 Hz - 20 kHz                                                                                                                                  |
| Nominal Impedance                           | 8 ohms                                                                                                                                          |
| On-axis Sensitivity 1 W/ 1 m                | 88.5 dB SPL                                                                                                                                     |
| Maximum Peak SPL at 1 m                     | 122 dB                                                                                                                                          |
| HF Horn Coverage Angles (-6dB)              | 80° x 80°                                                                                                                                       |
| Enclosure Material                          | Birch Plywood                                                                                                                                   |
| Color/Finish                                | Black or White/ISO-flex Paint                                                                                                                   |
| Transducers/Replacement Parts               | LF: 6P/6P<br>HF: M-34/GM M-34                                                                                                                   |
| Connectors                                  | 2 x NL4 speakON                                                                                                                                 |
| Dimensions (H x W x D)                      | 38 x 19.5 x 25.5 cm<br>15 x 7.7 x 10 in                                                                                                         |
| Weight                                      | 7 kg (15.4 lb)                                                                                                                                  |
| Accessories                                 | ANL-2 Eye Bolt<br>AXR-A500 Rigging Plate<br>AXU-A506 U Bracket<br>AXW-1 Wall Mount<br>TRD-6 Pole Mount + AXC-ZT<br>TRD-2 Speaker Stand + AXC-ZT |

## artec 526

| MODEL                                       | artec 526                                                                                                                                       |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Peak Power Handling                         | 1600 W                                                                                                                                          |
| RMS (Average) Power Handling <sup>(2)</sup> | 400 W                                                                                                                                           |
| Frequency Range (-10 dB)                    | 60 Hz - 20 kHz                                                                                                                                  |
| Nominal Impedance                           | 16 ohms                                                                                                                                         |
| On-axis Sensitivity 1 W/ 1 m                | 93 dB SPL                                                                                                                                       |
| Maximum Peak SPL at 1 m                     | 125 dB                                                                                                                                          |
| HF Horn Coverage Angles (-6dB)              | 80° x 80°                                                                                                                                       |
| Enclosure Material                          | Birch Plywood                                                                                                                                   |
| Color/Finish                                | Black or White/ISO-flex Paint                                                                                                                   |
| Transducers/Replacement Parts               | LF: 2 x 6P/6P<br>HF: M-34/GM M-34                                                                                                               |
| Connectors                                  | 2 x NL4 speakON                                                                                                                                 |
| Dimensions (H x W x D)                      | 45 x 19.5 x 25.5 cm<br>21.3 x 7.7 x 10 in                                                                                                       |
| Weight                                      | 9 kg (19.8 lb)                                                                                                                                  |
| Accessories                                 | ANL-2 Eye Bolt<br>AXR-A500 Rigging Plate<br>AXU-A526 U Bracket<br>AXW-1 Wall Mount<br>TRD-6 Pole Mount + AXC-ZT<br>TRD-2 Speaker Stand + AXC-ZT |

Notes: 2. Based on a 2 hour test continuously applying 6 dB crest factor pink noise (IEC shaped).

## artec 508A

## artec 510A

## artec s15A



| MODEL                                  | artec 508A                                          | artec 510A                                          | artec s15A                                            |
|----------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|
| Power Amplifier                        | 720 W <sub>peak</sub> - 360 W <sub>continuous</sub> | 720 W <sub>peak</sub> - 360 W <sub>continuous</sub> | 2000 W <sub>peak</sub> - 1000 W <sub>continuous</sub> |
| Input Type                             | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub> | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub> |                                                       |
| Input Impedance                        | Balanced Differential Line                          | Balanced Differential Line                          | Balanced Differential Line                            |
| Sensitivity                            | Line: 20 kohms                                      | Line: 20 kohms                                      | Line: 20 kohms                                        |
| Frequency Range (-10 dB)               | Line: 1.95 V (+8 dBu)                               | Line: 1.95 V (+8 dBu)                               | Line: 1.95 V (+8 dBu)                                 |
| HF Horn Coverage Angles (-6dB)         | 55 Hz - 20 kHz                                      | 45 Hz - 20 kHz                                      | 45 Hz - 138 Hz (variable LPF)                         |
| Maximum Peak SPL at 1 m <sup>(1)</sup> | 80° x 80°                                           | 110° x 50°                                          | ---                                                   |
| Transducers/Replacement Parts          | 122 dB                                              | 128 dB                                              | 137 dB                                                |
| Enclosure Material                     | LF: 8C/GM 8C                                        | LF: 10P/GM 10P                                      | LF: 15LXN/GM 15LX                                     |
| Color/Finish                           | HF: M-34/GM M-34                                    | HF: M-60N/GM M-60N                                  |                                                       |
| Connectors                             | Birch Plywood                                       | Birch Plywood                                       | Birch Plywood                                         |
|                                        | Black or White/ISO-flex Paint                       | Black or White/ISO-flex Paint                       | Black or White/ISO-flex Paint                         |
|                                        | INPUT: Female XLR                                   | INPUT: Female XLR                                   | INPUT: 2 x Female XLR                                 |
|                                        | LOOP THRU: Male XLR                                 | LOOP THRU: Male XLR                                 | LOOP THRU: 2 x Male XLR                               |
|                                        | AC INPUT: PowerCON                                  | AC INPUT: powerCON                                  | AC INPUT: powerCON                                    |
| AC Power Requirements                  |                                                     |                                                     | AC OUTPUT: powerCON                                   |
|                                        | 115 V, 50 Hz/60 Hz                                  | 115 V, 50 Hz/60 Hz                                  | 115 V, 50 Hz/60 Hz                                    |
| Dimensions (H x W x D)                 | 230 V, 50 Hz/60 Hz                                  | 230 V, 50 Hz/60 Hz                                  | 230 V, 50 Hz/60 Hz                                    |
|                                        | 44.5 x 24.5 x 28.5 cm                               | 60.5 x 29 x 34.5 cm                                 | 51 x 46 x 58 cm                                       |
|                                        | 17.5 x 9.6 x 11.2 in                                | 23.8 x 11.4 x 13.6 in                               | 20 x 10.1 x 22.8 in                                   |
| Weight                                 | 9.9 kg (21.8 lb)                                    | 13 kg (28.7 lb)                                     | 31 kg (68.3 lb)                                       |
| Accessories                            | ANL-2 Eye Bolt                                      | ANL-2 Eye Bolt                                      | ANL-2 Eye Bolt                                        |
|                                        | AXF-A508 Ceiling Bracket                            | AXW-3 Wall Mount                                    | TRD-6 Pole Mount                                      |
|                                        | AXW-1 Wall Mount                                    | AXF-A510 Ceiling Bracket                            |                                                       |
|                                        | AXR-A500 Rigging Plate                              | AXR-A500 Rigging Plate                              |                                                       |
|                                        | AXU-A508 U Bracket                                  | AXU-A510 U Bracket                                  |                                                       |
|                                        | TRD-6 Pole Mount                                    | TRD-6 Pole Mount                                    |                                                       |
|                                        | TRD-2 Speaker Stand                                 | TRD-2 Speaker Stand                                 |                                                       |

## artec 508

## artec 510

## artec s15

| MODEL                                       | artec 508                     | artec 510                     | artec s15                     |
|---------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Peak Power Handling                         | 1200 W                        | 1600 W                        | 3200 W                        |
| RMS (Average) Power Handling <sup>(1)</sup> | 300 W                         | 400 W                         | 800 W                         |
| Frequency Range (-10 dB)                    | 55 Hz - 20 kHz                | 45 Hz - 20 kHz                | 45 Hz - 138 Hz                |
| Nominal Impedance                           | 8 ohms                        | 8 ohms                        | 8 ohms                        |
| On-axis Sensitivity 1 W/ 1 m                | 91 dB SPL                     | 96 dB SPL                     | 99 dB SPL                     |
| Maximum Peak SPL at 1 m                     | 122.3 dB                      | 128 dB                        | 137 dB                        |
| HF Horn Coverage Angles (-6dB)              | 80° x 80°                     | 110° x 50°                    |                               |
| Enclosure Material                          | Birch Plywood                 | Birch Plywood                 | Birch Plywood                 |
| Color/Finish                                | Black or White/ISO-flex Paint | Black or White/ISO-flex Paint | Black or White/ISO-flex Paint |
| Transducers/Replacement Parts               | LF: 8C/GM 8C                  | LF: 10P/GM 10P                | LF: 15LXN/GM 15LX             |
|                                             | HF: M-34/GM M-34              | HF: M-60N/GM M-60N            |                               |
| Connectors                                  | 2 x NL4 speakON               | 2 x NL4 speakON               | 2 x NL4 speakON               |
| Dimensions (H x W x D)                      | 44.5 x 24.5 x 28.5 cm         | 60.5 x 29 x 34.5 cm           | 51 x 46 x 58 cm               |
|                                             | 17.5 x 9.6 x 11.2 in          | 23.8 x 11.4 x 13.6 in         | 20 x 10.1 x 22.8 in           |
| Weight                                      | 7.9 kg (17.4 lb)              | 11 kg (24.2 lb)               | 28 kg (61.7 lb)               |
| Accessories                                 | ANL-2 Eye Bolt                | ANL-2 Eye Bolt                | ANL-2 Eye Bolt                |
|                                             | AXF-A508 Ceiling Bracket      | AXW-3 Wall Mount              | TRD-6 Pole Mount              |
|                                             | AXU-A508 U Bracket            | AXF-A510 Ceiling Bracket      |                               |
|                                             | AXW-1 Wall Mount              | AXU-A510 U Bracket            |                               |
|                                             | AXR-A500 Rigging Plate        | AXR-A500 Rigging Plate        |                               |
|                                             | TRD-6 Pole Mount              | TRD-6 Pole Mount              |                               |
|                                             | TRD-2 Speaker Stand           | TRD-2 Speaker Stand           |                               |

# WR series

La Serie de productos WR (Resistentes a intemperie), está dirigida al mercado de las instalaciones al aire libre. Los productos WR ofrecen una configuración flexible de sistemas que cumplen con las especificaciones ambientales IP56. Los productos WR se ofrecen para dos tipos de exposición: CX (exposición cubierta), para aplicaciones donde los sistemas están cubiertos y protegidos, y DX (exposición directa), en las que los recintos están desprotegidos y expuestos directamente al medio ambiente.

The WR (Weather Resistant) series of products is aimed at the outdoor installation market. The WR series products offer flexible system configuration as well as exposure ratings complying with IP56. The WR products are offered in two exposure levels - "covered exposure" (CX) for applications where cabinets are covered or protected, and "direct exposure" (DX) where cabinets are unprotected and directly exposed to the environment.



24

| MODEL                                        | WR-8826/WR-8826T                                                  | WR-6412                                                           | WR-6415                                                           |
|----------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Certification                                | IP56, EN54 Compatible                                             | IP56, EN54 Compatible                                             | IP56, EN54 Compatible                                             |
| Peak Power Handling                          | 800 W                                                             | 1600 W                                                            | 1600 W                                                            |
| RMS (Average) Power Handling <sup>(1)</sup>  | 200 W                                                             | 400 W                                                             | 400 W                                                             |
| Frequency Range (-10 dB)                     | 70 Hz-22 kHz                                                      | 60 Hz-20 kHz                                                      | 55Hz-20 kHz                                                       |
| Nominal Impedance                            | 16 ohms                                                           | 8 ohms                                                            | 8 ohms                                                            |
| On-axis Sensitivity 1 W/ 1 m                 | 93 dB SPL                                                         | 98 dB SPL                                                         | 99 dB SPL                                                         |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 122 dB                                                            | 130 dB                                                            | 131 dB                                                            |
| HF Horn Coverage Angles (-6dB)               | 80° x 80°                                                         | 60° x 40° Rotatable                                               | 60° x 40° Rotatable                                               |
| Enclosure Material                           | Birch Plywood                                                     | Birch Plywood                                                     | Birch Plywood                                                     |
| Color                                        | CX: Black Paint*<br>DX: Fiberglass / Military Grey Pantone 420C** | CX: Black Paint*<br>DX: Fiberglass / Military Grey Pantone 420C** | CX: Black Paint*<br>DX: Fiberglass / Military Grey Pantone 420C** |
| Weather Resistance Level                     | Covered Exposure (CX)<br>Direct Exposure (DX)                     | Covered Exposure (CX)<br>Direct Exposure (DX)                     | Covered Exposure (CX)<br>Direct Exposure (DX)                     |
| Transducers/Replacement Parts                | LF: 2 x 6B/6B<br>HF: M-1/M-1                                      | LF: 12P/GM 12P<br>HF: M-75/GM M-75                                | LF: 15AV/GM 15P<br>HF: M-75/GM M-75                               |
| Connectors                                   | Unterminated cable                                                | Unterminated cable                                                | Unterminated cable                                                |
| Dimensions (H x W x D)                       | 54.5 x 22.6 x 26.7 cm<br>21.5 x 8.9 x 10.5 in                     | 70 x 39 x 39 cm<br>27.6 x 10.4 x 10.4 in                          | 77 x 46.2 x 45.6 cm<br>30.3 x 18.2 x 17.9 in                      |
| Weight                                       | 10 kg<br>22 lb                                                    | 24 kg<br>52.8 lb                                                  | 28 kg<br>61.6 lb                                                  |
| Accessories                                  | AXU-WR8826<br>AXW-1 Wall Mount                                    | AXU-WR6412                                                        | AXU-WR6415                                                        |



Notes: 1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise.

2. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

\*, Covered Exposure cabinets: standard finish is black paint. White color available upon request.

\*\*, Direct Exposure cabinets: standard finish is military grey fiber glass (Pantone 420C). Black color available upon request.



*bidriver plus / bidriver plus T*

El *bidriver* de D.A.S. está especialmente indicado para aplicaciones donde se requiere una alta inteligibilidad de la palabra así como reproducción musical. El sistema de 2 vías integrado por un altavoz coaxial de medios-agudos de 10" unido a sus 300 W de potencia RMS, garantizan una gran presión sonora para cubrir grandes espacios abiertos. El sistema, diseñado para cumplir con la normativa IP-54 puede incorporar un transformador de línea.

D.A.S.'s *bidriver* is ideal for applications where high voice intelligibility is required. The two-way system integrates a 10" co-axial loudspeaker for mid/high ranges and has a power handling capability of 300 W RMS. The unit provides very high sound pressure levels and is specifically designed for large open areas where long throw systems are needed. An IP-54 rating provides suitability for outdoor use and a factory installed line transformer option is available.



| MODEL                                       | BiDriver Plus/Plus T                       |
|---------------------------------------------|--------------------------------------------|
| Certification                               | IP54                                       |
| RMS (Average) Power Handling <sup>(1)</sup> | 300 W                                      |
| Peak Power Handling                         | 1200 W                                     |
| Frequency Range (-10 dB) <sup>(2)</sup>     | 160 Hz-12 kHz                              |
| Nominal Impedance                           | 8 ohms                                     |
| Transformer Taps 100 V                      | 150 W (T version)                          |
| 70 V                                        | 75 W (T version)                           |
| On-axis Sensitivity 1 W/ 1 m                | 104 dB SPL                                 |
| HF Horn Coverage Angles (-6dB)              | 60° H x 55° V                              |
| Enclosure Material                          | Polyurethane V0                            |
| Color/Finish                                | Black                                      |
| Transducers/Replacement Parts               | CX-104/GM CX-10 Low<br>GM K8 High          |
| Connectors                                  | Covered Barrier Strip                      |
| Dimensions (H x W x D)                      | 35 x 44.5 x 40 cm<br>13.8 x 17.5 x 15.8 in |
| Weight                                      | 17 kg (37.4 lb)                            |

CL  
series

Los altavoces para empotrar en techo de **ceiling** series aportan innovación tanto en los materiales empleados como en el diseño técnico. Ofrecen altas prestaciones con un producto sencillo, compacto y fácil de instalar, además de un campo sonoro abierto con excelente reproducción de medias y altas frecuencias, lo que contribuye a una mayor inteligibilidad del mensaje sonoro y a una optimización de la dispersión acústica.

## CL-5T / CL-6T / CL-6TB / CL-8T



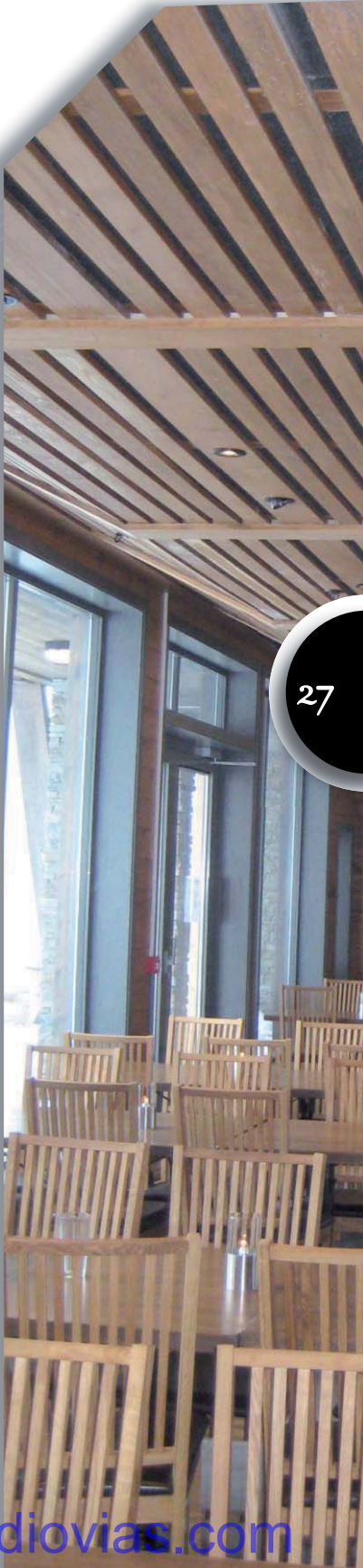
| MODEL                         | CL-5T          | CL-6T          | CL-6TB               | CL-8T          |
|-------------------------------|----------------|----------------|----------------------|----------------|
| System Type                   | Dual Cone      | Two-Way        | Two-Way with Backcan | Two-Way        |
| Line Voltage (100 V)          | 3-6-X W        | 5-10-15 W      | 5-10-15 W            | 10-20-30 W     |
| Line Voltage (70 V)           | 1.5-3-6 W      | 2.5-5-7.5 W    | 2.5-5-7.5 W          | 5-10-15 W      |
| Frequency Range               | 70 Hz - 20 kHz | 60 Hz - 20 kHz | 70 Hz - 20 kHz       | 50 Hz - 20 kHz |
| On-axis Sensitivity 1 W / 1 m | 89 dB SPL      | 90 dB SPL      | 90 dB SPL            | 90 dB SPL      |
| Nominal Impedance             | Line           | Line           | Line / 8 ohms        | Line           |
| Connectors                    | Screw Terminal | Screw Terminal | Spring Terminal      | Screw Terminal |
| Dimensions (Depth x Diameter) | 70 x 205 mm    | 80 x 230 mm    | 160 x 230 mm         | 97 x 275 mm    |
|                               | 2.76 x 8.1 in  | 3.15 x 9 in    | 6.3 x 9 in           | 3.8 x 10.8 in  |
| Cutout Diameter               | 166 mm         | 194 mm         | 202 mm               | 238 mm         |
|                               | 6.54 in        | 7.64 in        | 7.95 in              | 9.37 in        |
| Weight                        | 0.9 kg         | 1.35 kg        | 1.75 kg              | 1.9 kg         |
|                               | 1.98 lb        | 2.97 lb        | 3.86 lb              | 4.20 lb        |

The flush-mount *ceiling* series loudspeakers provide state-of-the-art design. The loudspeakers offer outstanding performance in a compact, discreet and user-friendly product. The wide sound field coverage and exceptional mid/high range frequency reproduction enhances intelligibility and optimizes the acoustic dispersion.

CL-5 / CL-6 / CL-8



| MODEL                         | CL-5            | CL-6            | CL-8            |
|-------------------------------|-----------------|-----------------|-----------------|
| System Type                   | Dual Cone       | Two-Way         | Two-Way         |
| RMS (Average) Power Handling  | 20 W            | 40 W            | 60 W            |
| Frequency Range               | 70 Hz - 20 kHz  | 60 Hz - 20 kHz  | 50 Hz - 20 kHz  |
| On-axis Sensitivity 1 W / 1 m | 89 dB SPL       | 90 dB SPL       | 90 dB SPL       |
| Nominal Impedance             | 8 ohms          | 8 ohms          | 8 ohms          |
| Connectors                    | Spring Terminal | Spring Terminal | Spring Terminal |
| Dimensions (Depth x Diameter) | 70 x 205 mm     | 80 x 230 mm     | 97 x 275 mm     |
|                               | 2.76 x 8.1 in   | 3.15 x 9 in     | 3.8 x 10.8 in   |
| Cutout Diameter               | 166 mm          | 194 mm          | 238 mm          |
|                               | 6.54 in         | 7.64 in         | 9.37 in         |
| Weight                        | 0.73 kg         | 1.19 kg         | 1.58 kg         |
|                               | 1.59 lb         | 2.62 lb         | 3.46 lb         |





event 208A

event 210A



| MODEL                                        | event 208A                                                                                                                                   | event 210A                                                                                                                                   |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal LF Power Amplifier                   | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                          | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                          |
| Nominal MF Power Amplifier                   | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                          | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                          |
| Nominal HF Power Amplifier                   | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                          | 360 W <sub>peak</sub> - 180 W <sub>continuous</sub>                                                                                          |
| Input Type                                   | Balanced Differential Line                                                                                                                   | Balanced Differential Line                                                                                                                   |
| Input Impedance                              | Line: 20 kohms                                                                                                                               | Line: 20 kohms                                                                                                                               |
| Sensitivity                                  | Line: 6.2 V (+18 dBu)                                                                                                                        | Line: 6.2 V (+18 dBu)                                                                                                                        |
| Frequency Range (-10 dB)                     | 75 Hz -20 kHz                                                                                                                                | 70 Hz -20 kHz                                                                                                                                |
| Horizontal Coverage (-6dB)                   | 90° Nominal                                                                                                                                  | 90° Nominal                                                                                                                                  |
| Vertical Coverage                            | Splay Dependent                                                                                                                              | Splay Dependent                                                                                                                              |
| Rated Maximum Peak SPL at 1 m <sup>(1)</sup> | 132 dB                                                                                                                                       | 134 dB                                                                                                                                       |
| Transducers/Replacement Parts                | LF: 1 x 8CM4/GM 8CM4<br>MF: 1 x 8CM4/GM 8CM4<br>HF: 1 x M-75/GM 75                                                                           | LF: 1 x 10Mi4/GM 10Mi4<br>MF: 1 x 10Mi4/GM 10Mi4<br>HF: 1 x M-75/GM 75                                                                       |
| Enclosure Geometry                           | Trapezoidal 5°                                                                                                                               | Trapezoidal 5°                                                                                                                               |
| Enclosure Material                           | Birch Plywood                                                                                                                                | Birch Plywood                                                                                                                                |
| Color/Finish                                 | Black/ISO-flex Paint                                                                                                                         | Black/ISO-flex Paint                                                                                                                         |
| Rigging System                               | Integrated in box design                                                                                                                     | Integrated in box design                                                                                                                     |
| Connectors                                   | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON                                                        | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON                                                        |
| AC Power Requirements                        | 115 V, 2.4A, 50 Hz/60 Hz<br>230 V, 1.2A, 50 Hz/60 Hz                                                                                         | 115 V, 3.0A, 50 Hz/60 Hz<br>230 V, 1.5A, 50 Hz/60 Hz                                                                                         |
| Dimensions (H x W x D)                       | 27 x 67 x 36.6 cm<br>10.6 x 26.4 x 14.4 in                                                                                                   | 27 x 73 x 36.6 cm<br>10.6 x 28.7 x 14.4 in                                                                                                   |
| Weight                                       | 30 kg (66 lb)                                                                                                                                | 34 kg (74.8 lb)                                                                                                                              |
| Accessories                                  | AX-event208 Rigging System<br>AXS-event208 Stacking Base<br>FUN-4-event208 Cover<br>Pick-Up AX-event208<br>PL-event208S Steel Stacking Dolly | AX-event210 Rigging System<br>AXS-event210 Stacking Base<br>FUN-4-event210 Cover<br>Pick-Up AX-event210<br>PL-event210S Steel Stacking Dolly |

# event series

Más D.A.S. que nunca...

Los nuevos Event ponen a tu alcance las mundialmente aclamadas prestaciones D.A.S. como nunca antes. Para aplicaciones portátiles en directo o instalaciones fijas en la mayoría de los recintos, los Event Line Array han sido diseñados para proporcionar un excepcional sonido, una constante fiabilidad y un valor incomparable.

More D.A.S. than ever...

The new Event Line Arrays put the world acclaimed D.A.S. performance at your reach like never before. For portable live sound applications, or fixed installations in almost any type of venue, the Event Line Arrays have been designed to provide exceptional sound, steadfast reliability and value beyond comparison.

## event 218A



| MODEL                                        | event 218A                                                                            |
|----------------------------------------------|---------------------------------------------------------------------------------------|
| Model                                        | event 218A                                                                            |
| Nominal LF Power Amplifier                   | 3600 W <sub>peak</sub> - 1800 W <sub>continuous</sub>                                 |
| Input Type                                   | Balanced Differential Line                                                            |
| Input Impedance                              | Line: 20 kohms                                                                        |
| Sensitivity                                  | Line: 6.2 V (+18 dBu)                                                                 |
| Frequency Range (-10 dB)                     | 32 Hz -160 Hz                                                                         |
| Rated Maximum Peak SPL at 1 m <sup>(1)</sup> | 140 dB                                                                                |
| Transducers/Replacement Parts                | LF: 2 x 18LX4/GM 18LX4                                                                |
| Enclosure Geometry                           | Rectangular                                                                           |
| Enclosure Material                           | Birch Plywood                                                                         |
| Color/Finish                                 | Black/ISO-flex Paint                                                                  |
| Connectors                                   | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements                        | 115 V, 6A, 50 Hz/60 Hz<br>230 V, 3A, 50 Hz/60 Hz                                      |
| Dimensions (H x W x D)                       | 54 x 106 x 67 cm<br>21.3 x 41.7 x 26.4 in                                             |
| Weight                                       | 80 kg (176 lb)                                                                        |
| Accessories                                  | FUN-2-event218 Cover<br>PL-event218S Stacking Dolly<br>TRD-6 Pole Mount               |

# avant series

La serie **avant** de D.A.S. incorpora un impresionante conjunto de prestaciones de alta tecnología que transporta estos sistemas de sonido portátil autoamplificados al más alto nivel de la sonorización. La amplificación de Clase D de última generación, el procesamiento de señal digital y los componentes D.A.S. optimizados han sido combinados junto con un depurado diseño del recinto que facilita el trabajo de manipulación y transporte.

The **avant** series incorporates an impressive battery of high tech features that take powered portable systems to a new level of performance. The latest in Class D power amplification, digital signal processing and optimized D.A.S. components have been combined with enclosures designed for ease of transportation and road worthiness. The **avant** series provides the musician, DJ or A/V professional with systems that redefine the meaning of portable PA.

avant 12A

avant 15A

avant 215A



| MODEL                                        | avant 12A                                                                       | avant 15A                                                                       | avant 215A                                                     |
|----------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|
| Nominal LF Amplifier Power                   | 1000 W <sub>peak</sub> - 500 W <sub>continuous</sub>                            | 1000 W <sub>peak</sub> - 500 W <sub>continuous</sub>                            | 1000 W <sub>peak</sub> - 500 W <sub>continuous</sub>           |
| Nominal HF Amplifier Power                   | 200 W <sub>peak</sub> - 100 W <sub>continuous</sub>                             | 200 W <sub>peak</sub> - 100 W <sub>continuous</sub>                             | 200 W <sub>peak</sub> - 100 W <sub>continuous</sub>            |
| Input Type                                   | Balanced Differential Line                                                      | Balanced Differential Line                                                      | Balanced Differential Line                                     |
| Input Impedance                              | Line: 20 kohms<br>Mic: 20 kohms                                                 | Line: 20 kohms<br>Mic: 20 kohms                                                 | Line: 20 kohms<br>Mic: 20 kohms                                |
| Sensitivity                                  | Line: 1.95 V (+8 dBu)<br>Mic: 20 mV (-32 dBu)                                   | Line: 1.95 V (+8 dBu)<br>Mic: 20 mV (-32 dBu)                                   | Line: 1.95 V (+8 dBu)<br>Mic: 20 mV (-32 dBu)                  |
| Frequency Range (-10 dB)                     | 60 Hz-20 kHz (EQ main)                                                          | 45 Hz-20 kHz (EQ flat)                                                          | 40 Hz-20 kHz (EQ flat)                                         |
| Rated Maximum Peak SPL at 1 m <sup>(1)</sup> | 133 dB                                                                          | 133 dB                                                                          | 136 dB                                                         |
| Transducers/Replacement Parts                | LF: 12AV4/GM 12P4<br>HF: M-50N/GM M-50                                          | LF: 15AV4/GM 15P4<br>HF: M-50N/GM M-50                                          | LF: 2 x 15AV/GM 15P<br>HF: M-50N/GM M-50                       |
| HF Horn Coverage Angles (-6dB)               | 80° x 50° (Rotatable)                                                           | 80° x 50° (Rotatable)                                                           | 80° x 50° (Rotatable)                                          |
| Enclosure Material                           | Birch Plywood                                                                   | Birch Plywood                                                                   | Birch Plywood                                                  |
| Color/Finish                                 | Black/ISO-flex Paint                                                            | Black/ISO-flex Paint                                                            | Black/ISO-flex Paint                                           |
| Connectors                                   | INPUT: Female XLR-Jack<br>LOOP THRU: XLR<br>AC INPUT: Male IEC                  | INPUT: Female XLR-Jack<br>LOOP THRU: XLR<br>AC INPUT: Male IEC                  | INPUT: Female XLR-Jack<br>LOOP THRU: XLR<br>AC INPUT: Male IEC |
| AC Power Requirements                        | 3.4 A, 115 V, 50 Hz/60 Hz                                                       | 3.4 A, 115 V, 50 Hz/60 Hz                                                       | 3.4 A, 115 V, 50 Hz/60 Hz                                      |
| 1/3 Power (Pink Noise)                       | 1.7 A, 230 V, 50 Hz/60 Hz                                                       | 1.7 A, 230 V, 50 Hz/60 Hz                                                       | 1.7 A, 230 V, 50 Hz/60 Hz                                      |
| Dimensions (H x W x D)                       | 71.3 x 36.2 x 39.7 cm<br>28 x 14.3 x 15.6 in                                    | 83 x 44.8 x 47.6 cm<br>32.7 x 17.6 x 18.7 in                                    | 121 x 44.8 x 47.6 cm<br>47.6 x 17.6 x 18.7 in                  |
| Weight                                       | 22 kg (48 lb)                                                                   | 30 kg (66 lb)                                                                   | 44 kg (96.8 lb)                                                |
| Accessories                                  | ANL-5 Eye Bolt<br>FUN-AVANT12A Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-5 Eye Bolt<br>FUN-AVANT15A Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-5 Eye Bolt<br>FUN-AVANT215A Cover                          |



avant 18A

avant 118A



| MODEL                                        | avant 18A                                                         |
|----------------------------------------------|-------------------------------------------------------------------|
| Nominal Amplifier Power                      | 1500 W <sub>peak</sub> - 750 W <sub>continuous</sub>              |
| Input Type                                   | Balanced Differential Line                                        |
| Input Impedance                              | Line: 20 kohms                                                    |
| Sensitivity                                  | Line: 1.95 V (+8 dBu)                                             |
| Frequency Range (-10 dB) <sup>(1)</sup>      | 35 Hz-160 kHz<br>(variable X-over)                                |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 133 dB                                                            |
| Transducers/Replacement Parts                | LF: 18H/GM 18G                                                    |
| Enclosure Material                           | Birch Plywood                                                     |
| Color/Finish                                 | Black/ISO-flex Paint                                              |
| Connectors                                   | INPUT: 2 x Female XLR<br>LOOP THRU: 2 x XLR<br>AC INPUT: Male IEC |
| AC Power Requirements                        | 3 A, 115 V, 50 Hz/60 Hz                                           |
| 1/3 Power (Pink Noise)                       | 1.5 A, 230 V, 50 Hz/60 Hz                                         |
| Dimensions (H x W x D)                       | 63 x 54 x 65 cm<br>24.8 x 21.3 x 25.6 in                          |
| Weight                                       | 39 kg (85.8 lb)                                                   |
| Accessories                                  | FUN-AVANT18A Cover<br>KITW-100 Caster Kit<br>TRD-6 Pole Mount     |

| MODEL                                        | avant 118A                                                                                    |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|
| Nominal Amplifier Power                      | 2500 W <sub>peak</sub> - 1250 W <sub>continuous</sub>                                         |
| Input Type                                   | Balanced Differential Line                                                                    |
| Input Impedance                              | Line: 20 kohms                                                                                |
| Sensitivity                                  | Line: 1.95 V (+8 dBu)                                                                         |
| Frequency Range (-10 dB) <sup>(1)</sup>      | Loud: 50 Hz-142 Hz<br>Deep: 45 Hz-138 Hz                                                      |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 136 dB                                                                                        |
| Transducers/Replacement Parts                | LF: 1 x 18LX/GM 18LX                                                                          |
| Enclosure Material                           | Birch Plywood                                                                                 |
| Color/Finish                                 | Black/ISO-flex Paint                                                                          |
| Connectors                                   | INPUT: 2 x Female XLR<br>LOOP THRU: 2 x Male XLR<br>AC INPUT: powerCON<br>AC OUTPUT: powerCON |
| AC Power Requirements                        | 3.6 A, 115 V, 50 Hz/60 Hz                                                                     |
| 1/3 Power (Pink Noise)                       | 1.8 A, 230 V, 50 Hz/60 Hz                                                                     |
| Dimensions (H x W x D)                       | 84 x 60 x 65.5 cm<br>33 x 23.6 x 25.8 in                                                      |
| Weight                                       | 55 kg (121 lb)                                                                                |
| Accessories                                  | TRD-6 Pole Mount                                                                              |

Notes: 1. Frequency range measured with Low Pass filter set up at 100Hz. Amplifier includes Variable Low pass filter from 100Hz to 160Hz.  
2. Maximum calculated Peak SPL based on sensitivity and RMS amplifier power.



# action series

La Serie Action hereda la excepcional calidad de sonido y la sólida construcción que han hecho de los sistemas profesionales D.A.S. un estándar internacional en el refuerzo de sonido. Diseñado a partir de la experiencia del "mundo real", ofrece a los usuarios un rendimiento extraordinario, una absoluta fiabilidad y una facilidad de uso sin precedentes. Ya sea en una instalación de alto nivel o sobre el escenario de un gran evento, la serie Action le proporcionará la potencia y definición necesarias para que su trabajo sea un éxito.



The Action series inherits the exceptional sound quality and rugged build that have made D.A.S. professional systems an international sound reinforcement standard. Designed from "real-world" experience, they offer users outstanding performance, absolute reliability, and unparalleled convenience. Whether it is in a high-profile venue or on the stage of a major event, the Action series will provide the power and definition needed to make your performance a success.

## action series

### action 8A



### action 12A



### action M12A



| MODEL                           | action 8A                                                                        | action 12A                                                                                    | action M12A                                                    |
|---------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Power Amplifier                 | 720 Wpeak<br>360 Wcontinuous<br>(Class D Bi-amplified)                           | 1000 Wpeak<br>500 Wcontinuous<br>(Class D Bi-amplified)                                       | 1000 Wpeak<br>500 Wcontinuous<br>(Class D Bi-amplified)        |
| Input Type                      | Balanced Differential Line                                                       | Balanced Differential Line                                                                    | Balanced Differential Line                                     |
| Input Impedance                 | Line: 20 kohms<br>Mic: 20 kohms                                                  | Line: 20 kohms<br>Mic: 20 kohms                                                               | Line: 20 kohms<br>Mic: 20 kohms                                |
| Sensitivity                     | Line: 1.95 V (+8 dBu)<br>Mic: 20 mV (-32 dBu)                                    | Line: 1.95 V (+8 dBu)<br>Mic: 20 mV (-32 dBu)                                                 | Line: 1.95 V (+8 dBu)<br>Mic: 20 mV (-32 dBu)                  |
| Frequency Range (-10 dB)        | 60 Hz - 20 kHz                                                                   | 50 Hz - 20 kHz                                                                                | 60 Hz - 20 kHz                                                 |
| HF Horn Coverage Angles (-6 dB) | 80° x 80°                                                                        | 80° x 50° (Rotatable)                                                                         | 80° x 50° (Rotatable)                                          |
| Maximum Peak SPL at 1 m         | 120 dB                                                                           | 131 dB                                                                                        | 130 dB                                                         |
| Transducers/Replacement Parts   | LF: 8B4/8B4<br>HF: M-26/GM M-26                                                  | LF: 12Mi/GM 12Mi<br>HF: M-34/GM M-34                                                          | LF: 12Mi/GM 12Mi<br>HF: M-34/GM M-34                           |
| Enclosure Material              | Birch Plywood                                                                    | Birch Plywood                                                                                 | Birch Plywood                                                  |
| Color/Finish                    | Black/ISO-flex Paint                                                             | Black/ISO-flex Paint                                                                          | Black/ISO-flex Paint                                           |
| Connectors                      | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                   | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON |
| AC Power Requirements           | 115 V, 1.2 A, 50 Hz/60 Hz<br>230 V, 0.6 A, 50 Hz/60 Hz                           | 115 V, 2.4 A, 50 Hz/60 Hz<br>230 V, 1.2 A, 50 Hz/60 Hz                                        | 115 V, 2.4 A, 50 Hz/60 Hz<br>230 V, 1.2 A, 50 Hz/60 Hz         |
| Dimensions (H x W x D)          | 47.5 x 27.9 x 25.5 cm<br>18.7 x 11 x 10 in                                       | 65.3 x 37.8 x 32.4 cm<br>25.7 x 14.9 x 12.8 in                                                | 42 x 64.5 x 31.6 cm<br>16.6 x 25.4 x 12.5 in                   |
| Weight                          | 9.9 kg (21.8 lb)                                                                 | 20 kg (44 lb)                                                                                 | 19 kg (41.8 lb)                                                |
| Accessories                     | AXU-AC8 U Bracket<br>AXW-1 Wall Mount<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-2 Eye Bolt<br>AXU-RF12 U Bracket<br>FUN-ACT-12<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | FUN-ACT-M12 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount   |

### action 8

### action 12

### action M12

| MODEL                                       | action 8                                                    | action 12                                                                                     | action M12                                                   |
|---------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Peak Power Handling                         | 600 W                                                       | 1200 W                                                                                        | 1200 W                                                       |
| RMS (Average) Power Handling <sup>(1)</sup> | 150 W                                                       | 300 W                                                                                         | 300 W                                                        |
| Frequency Range (-10 dB)                    | 60 Hz - 20 kHz                                              | 50 Hz - 20 kHz                                                                                | 63 Hz - 20 kHz                                               |
| Nominal Impedance                           | 8 ohms                                                      | 8 ohms                                                                                        | 8 ohms                                                       |
| On-axis Sensitivity 1 W/ 1 m                | 92 dB SPL                                                   | 96 dB SPL                                                                                     | 95 dB SPL                                                    |
| Maximum Peak SPL at 1 m                     | 120 dB                                                      | 131 dB                                                                                        | 130 dB                                                       |
| HF Horn Coverage Angles (-6 dB)             | 80° x 80°                                                   | 80° x 50° (Rotatable)                                                                         | 80° x 50° (Rotatable)                                        |
| Enclosure Material                          | Birch Plywood                                               | Birch Plywood                                                                                 | Birch Plywood                                                |
| Color/Finish                                | Black/ISO-flex Paint                                        | Black/ISO-flex Paint                                                                          | Black/ISO-flex Paint                                         |
| Transducers/Replacement Parts               | LF: 8B/8B<br>HF: M-26/GM M-26                               | LF: 12Mi/GM 12Mi<br>HF: M-34/GM M-34                                                          | LF: 12Mi/GM 12Mi<br>HF: M-34/GM M-34                         |
| Connectors                                  | 2 x NL4 Speakon                                             | 2 x NL4 Speakon                                                                               | 2 x NL4 Speakon                                              |
| Dimensions (H x W x D)                      | 47.5 x 27.9 x 25.5 cm<br>18.7 x 11 x 10 in                  | 65.3 x 37.8 x 32.4 cm<br>25.7 x 14.9 x 12.8 in                                                | 42 x 64.5 x 31.6 cm<br>16.6 x 25.4 x 12.5 in                 |
| Weight                                      | 8.4 kg (18.5 lb)                                            | 18.5 kg (40.7 lb)                                                                             | 17.5 kg (38.5 lb)                                            |
| Accessories                                 | AXW-1 Wall Mount<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-2 Eye Bolt<br>AXU-RF12 U Bracket<br>FUN-ACT-12<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | FUN-ACT-M12 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount |

**action 15A****action 215A****action 18A****action 218A****action 15A**

1000 Wpeak  
500 Wcontinuous  
(Class D Bi-amplified)  
Balanced Differential Line  
Line: 20 kohms  
Mic: 20 kohms  
Line: 1.95 V (+8 dBu)  
Mic: 20 mV (-32 dBu)  
45 Hz - 20 kHz  
80° x 50° (Rotatable)  
131 dB  
LF: 15Mi/GM 15Mi  
HF: M-34/GM M-34  
Birch Plywood  
Black/ISO-flex Paint  
INPUT: Female XLR  
LOOP THRU: Male XLR  
AC INPUT: powerCON

115 V, 3 A, 50 Hz/60 Hz  
230 V, 1.5 A, 50 Hz/60 Hz  
77.4 x 44.6 x 43.6 cm  
30.5 x 17.6 x 17.2 in  
26 kg (57.2 lb)  
ANL-2 Eye Bolt  
FUN-ACT-15 Cover  
TRD-2 Speaker Stand  
TRD-6 Pole Mount

**action 215A**

1000 Wpeak  
500 Wcontinuous  
(Class D Bi-amplified)  
Balanced Differential Line  
Line: 20 kohms  
Mic: 20 kohms  
Line: 1.95 V (+8 dBu)  
Mic: 20 mV (-32 dBu)  
45 Hz - 20 kHz  
80° x 50° (Rotatable)  
134 dB  
LF: 2x15Mi4/GM 15Mi4  
HF: M-44/GM M-44  
Birch Plywood  
Black/ISO-flex Paint  
INPUT: Female XLR  
LOOP THRU: Male XLR  
AC INPUT: powerCON

115 V, 3.6 A, 50 Hz/60 Hz  
230 V, 1.8 A, 50 Hz/60 Hz  
115.4 x 44.7 x 47.4 cm  
45.5 x 17.6 x 18.7 in  
40 kg (88 lb)  
ANL-2 Eye Bolt  
FUN-ACT-215 Cover

**action 18A**

1500 Wpeak  
750 Wcontinuous  
(Class D)  
Balanced Differential Line  
Line: 20 kohms

Line: 1.95 V (+8 dBu)

35 Hz -160 Hz (variable LPF)

133 dB

LF: 18H/GM 18G

Birch Plywood  
Black/ISO-flex Paint  
INPUT: 2 x Female XLR  
LOOP THRU: 2 x Male XLR  
AC INPUT: powerCON

115 V, 3 A, 50 Hz/60 Hz  
230 V, 1.5 A, 50 Hz/60 Hz  
62.4 x 54 x 65 cm  
24.6 x 21.3 x 25.6 in  
36.5 kg (80.3 lb)  
FUN-ACT-18 Cover  
TRD-6 Pole Mount

**action 218A**

2500 Wpeak  
1250 Wcontinuous  
(Class D)  
Balanced Differential Line  
Line: 20 kohms

Line: 1.95 V (+8 dBu)

35 Hz - 160 Hz (variable LPF)

139 dB

LF: 2 x 18H4/GM 18H4

Birch Plywood  
Black/ISO-flex Paint  
INPUT: 2 x Female XLR  
LOOP THRU: 2 x Male XLR  
AC INPUT: powerCON  
AC OUTPUT: powerCON

115 V, 5.4 A, 50 Hz/60 Hz  
230 V, 2.7 A, 50 Hz/60 Hz  
106.7 x 54 x 67 cm  
42 x 21.3 x 26.4 in  
63 kg (138.6 lb)  
FUN-ACT-218 Cover  
TRD-6 Pole Mount

**action 15****action 15**

1400 W  
350 W  
47 Hz - 20 kHz  
8 ohms  
96 dB SPL  
131 dB  
80° x 50° (Rotatable)  
Birch Plywood  
Black/ISO-flex Paint  
LF: 15Mi/GM 15Mi  
HF: M-34/GM M-34  
2 x NL4 Speakon  
77.4 x 44.6 x 43.6 cm  
30.5 x 17.6 x 17.2 in  
24.5 kg (53.9 lb)  
ANL-2 Eye Bolt  
FUN-ACT-15 Cover  
TRD-2 Speaker Stand  
TRD-6 Pole Mount

**action 215****action 215**

2800 W  
700 W  
47 Hz - 20 kHz  
4 ohms  
99 dB SPL  
134 dB  
80° x 50° (Rotatable)  
Birch Plywood  
Black/ISO-flex Paint  
LF: 2x15Mi/GM 15Mi  
HF: M-44/GM M-44  
2 x NL4 Speakon  
115.4 x 44.7 x 47.4 cm  
45.5 x 17.6 x 18.7 in  
38.5 kg (83.6 lb)  
ANL-2 Eye Bolt  
FUN-ACT-215 Cover

**action 18****action 18**

2400 W  
600 W  
33 Hz - 160 Hz  
8 ohms  
96 dB SPL  
133 dB  
---  
Birch Plywood  
Black/ISO-flex Paint  
LF: 18H/GM 18G  
2 x NL4 Speakon  
62.4 x 54 x 65 cm  
24.6 x 21.3 x 25.6 in  
34.5 kg (75.9 lb)  
FUN-ACT-18 Cover  
TRD-6 Pole Mount

**action 218****action 218**

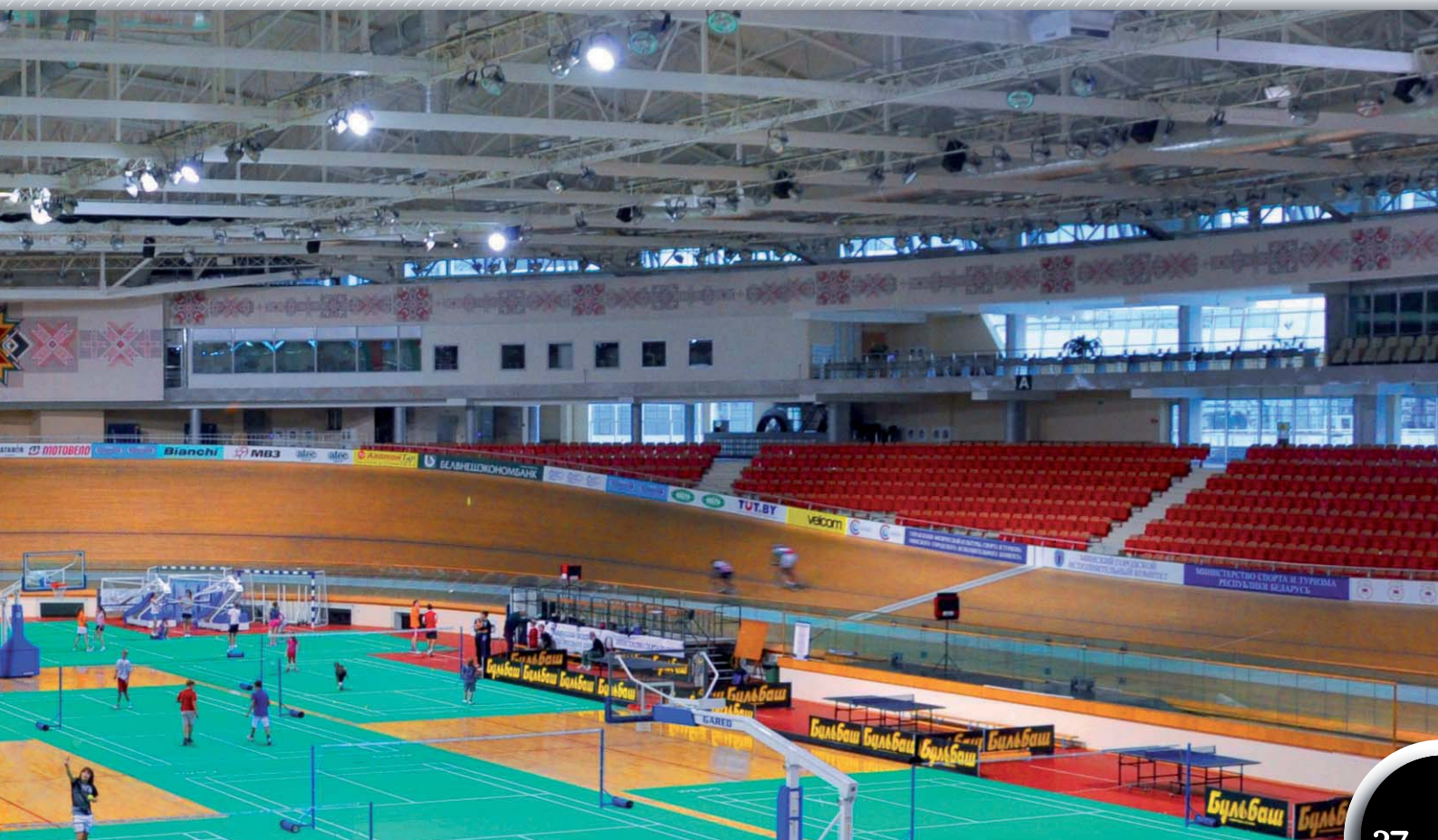
4800 W  
1200 W  
29 Hz - 160 Hz  
4 ohms  
99 dB SPL  
139 dB  
---  
Birch Plywood  
Black/ISO-flex Paint  
LF: 2 x 18H/GM 18G  
2 x NL4 Speakon  
106.7 x 54 x 67 cm  
42 x 21.3 x 26.4 in  
61 kg (134.2 lb)  
FUN-ACT-218 Cover  
TRD-6 Pole Mount



## reference series

La serie **reference** ocupa siempre un lugar destacado en la línea de productos D.A.S. Ha ganado el respeto de nuestros clientes en todo el mundo gracias a su excepcional rendimiento e inquebrantable fiabilidad. Cuando el proyecto requiere gran calidad sonora tanto en la instalación fija como en aplicaciones móviles, los profesionales confían en la serie **reference**.

For almost 20 years the **reference** series has been a key part of the D.A.S. product line. The systems have won the respect of our clients the world over thanks to their exceptional performance and steadfast reliability. Whether it be in permanent installations or in mobile systems, when the project requires quality sound and a broad selection of system configurations, professionals count on the **reference** series.



## reference series

### Rf-12.85



### Rf-15.85



| MODEL                                        | Rf-12.85                                                                                                                                                                                     | Rf-15.85                                                                                                                                                                                     |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RMS (Average) Power Handling <sup>(1)</sup>  | 400 W                                                                                                                                                                                        | 400 W                                                                                                                                                                                        |
| Peak Power Handling                          | 1600 W                                                                                                                                                                                       | 1600 W                                                                                                                                                                                       |
| Frequency Range (-10 dB)                     | 54 Hz-20 kHz                                                                                                                                                                                 | 50 Hz-20 kHz                                                                                                                                                                                 |
| Nominal Impedance                            | 8 ohms                                                                                                                                                                                       | 8 ohms                                                                                                                                                                                       |
| On-axis Sensitivity 1 W / 1 m                | 98 dB SPL                                                                                                                                                                                    | 99 dB SPL                                                                                                                                                                                    |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup> | 130 dB                                                                                                                                                                                       | 131 dB                                                                                                                                                                                       |
| HF Horn Coverage Angles (-6 dB)              | 80° H x 50° V Rotatable                                                                                                                                                                      | 80° H x 50° V Rotatable                                                                                                                                                                      |
| Enclosure Material                           | Birch Plywood                                                                                                                                                                                | Birch Plywood                                                                                                                                                                                |
| Color/Finish                                 | Black/ISO-flex Paint                                                                                                                                                                         | Black/ISO-flex Paint                                                                                                                                                                         |
| Transducers/Replacement Parts                | LF: 12P/GM 12P<br>HF: M-30/GM M-50                                                                                                                                                           | LF: 15P/GM 15P<br>HF: M-30/GM M-50                                                                                                                                                           |
| Connector                                    | 2 x NL4 speakON                                                                                                                                                                              | 2 x NL4 speakON                                                                                                                                                                              |
| Dimensions (H x W x D)                       | 64.4 x 37 x 34.6 cm<br>25.4 x 14.6 x 13.6 in                                                                                                                                                 | 73 x 41.6 x 41.5 cm<br>28.7 x 16.4 x 16.3 in                                                                                                                                                 |
| Weight                                       | 22 kg (48.4 lb)                                                                                                                                                                              | 26 kg (57.2 lb)                                                                                                                                                                              |
| Accessories                                  | ANL-2 Eye Bolt<br>AX-Truss Truss Mount<br>AXA-2RF12 Rigging System<br>AXA-2RF12V Rigging System<br>AXA-3RF12 Rigging System<br>AXU-RF12 U Bracket<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-2 Eye Bolt<br>AX-Truss Truss Mount<br>AXA-2RF15 Rigging System<br>AXA-2RF15V Rigging System<br>AXA-3RF15 Rigging System<br>AXU-RF15 U Bracket<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount |

### Rf-118



| MODEL                                       | Rf-118                                   |
|---------------------------------------------|------------------------------------------|
| Peak Power Handling                         | 4000 W                                   |
| RMS (Average) Power Handling <sup>(1)</sup> | 1000 W                                   |
| Frequency Range (-10 dB)                    | 45 Hz - 160 Hz                           |
| Nominal Impedance                           | 8 ohms                                   |
| On-axis Sensitivity 1 W / 1 m               | 99 dB SPL                                |
| Maximum Peak SPL at 1 m                     | 135 dB                                   |
| Enclosure Material                          | Birch Plywood                            |
| Color/Finish                                | Black/ISO-flex paint                     |
| Transducers/Replacement Parts               | LF: 18LX / GM 18LX                       |
| Connectors                                  | 2 x NL4 speakON                          |
| Dimensions (H x W x D)                      | 84 x 60 x 65.5 cm<br>33 x 23.6 x 25.8 in |
| Weight                                      | 57.5 kg (126.5 lb)                       |
| Accessories                                 | TRD-6 Pole Mount                         |

Notes: 1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise (IEC shaped).  
6 dB crest factor pink noise (IEC shaped).

Notes: 1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise (IEC shaped).  
2. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

**Rf-12.64****Rf-15.64****Rf-215.96**

| MODEL                                         | Rf-12.64                                                                                                                                                                                     | Rf-15.64                                                                                                                                                                                     | Rf-215.96                                                   |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| RMS (Average) Power Handling <sup>(1)</sup>   | 600 W                                                                                                                                                                                        | Passive: 600 W<br>LF: 600 W<br>HF: 100 W                                                                                                                                                     | Passive: 1400 W<br>LF: 1400 W<br>HF: 200 W                  |
| Peak Power Handling                           | 2400 W                                                                                                                                                                                       | Passive: 2400 W<br>LF: 2400 W<br>HF: 400 W                                                                                                                                                   | Passive: 5600 W<br>LF: 5600 W<br>HF: 800 W                  |
| Frequency Range (-10 dB)<br>Nominal Impedance | 50 Hz-20 kHz<br>8 ohms                                                                                                                                                                       | 45 Hz-20 kHz<br>Passive: 8 ohms<br>LF: 8 ohms<br>HF: 8 ohms                                                                                                                                  | 37 Hz-20 kHz<br>Passive: 4 ohms<br>LF: 4 ohms<br>HF: 8 ohms |
| On-axis Sensitivity 1 W / 1 m                 | 97 dB SPL                                                                                                                                                                                    | LF: 98 dB SPL<br>HF: 99 dB SPL                                                                                                                                                               | LF: 102 dB SPL<br>HF: 101 dB SPL                            |
| Rated Maximum Peak SPL at 1 m <sup>(2)</sup>  | 131 dB                                                                                                                                                                                       | LF: 131 dB<br>HF: 125 dB                                                                                                                                                                     | LF: 139 dB<br>HF: 130 dB                                    |
| HF Horn Coverage Angles (-6 dB)               | 60° H x 40° V Rotatable                                                                                                                                                                      | 60° H x 40° V Rotatable                                                                                                                                                                      | 90° H x 60° V                                               |
| Enclosure Material                            | Birch Plywood                                                                                                                                                                                | Birch Plywood                                                                                                                                                                                | Birch Plywood                                               |
| Color/Finish                                  | Black/ISO-flex Paint                                                                                                                                                                         | Black/ISO-flex Paint                                                                                                                                                                         | Black/ISO-flex Paint                                        |
| Transducers/Replacement Parts                 | LF: 12H/GM 12G<br>HF: M-10N/GM M-10                                                                                                                                                          | LF: 15H/GM 15G<br>HF: M-10N/GM M-10                                                                                                                                                          | LF: 2 x 15G/GM 15G<br>HF: ND-10/GM K-8H                     |
| Connector                                     | 2 x NL4 speakON                                                                                                                                                                              | 2 x NL4 speakON                                                                                                                                                                              | 2 x NL4 speakON                                             |
| Dimensions (H x W x D)                        | 64.4 x 37 x 34.6 cm<br>25.4 x 14.6 x 13.6 in                                                                                                                                                 | 73 x 41.6 x 41.5 cm<br>28.7 x 16.4 x 16.3 in                                                                                                                                                 | 120 x 55 x 48.5 cm<br>47.2 x 21.7 x 19.1 in                 |
| Weight                                        | 25 kg (55 lb)                                                                                                                                                                                | 31 kg (68.2 lb)                                                                                                                                                                              | 62.5 kg (137.5 lb)                                          |
| Accessories                                   | ANL-2 Eye Bolt<br>AX-Truss Truss Mount<br>AXA-2RF12 Rigging System<br>AXA-2RF12V Rigging System<br>AXA-3RF12 Rigging System<br>AXU-RF12 U Bracket<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-2 Eye Bolt<br>AX-Truss Truss Mount<br>AXA-2RF15 Rigging System<br>AXA-2RF15V Rigging System<br>AXA-3RF15 Rigging System<br>AXU-RF15 U Bracket<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-2 Eye Bolt                                              |

**Rf-218**

| MODEL                                       | Rf-218                                    |
|---------------------------------------------|-------------------------------------------|
| Peak Power Handling                         | 8000 W                                    |
| RMS (Average) Power Handling <sup>(1)</sup> | 2000 W                                    |
| Frequency Range (-10 dB)                    | 29 Hz – 160 Hz                            |
| Nominal Impedance                           | 4 ohms                                    |
| On-axis Sensitivity 1 W / 1 m               | 101 dB SPL                                |
| Maximum Peak SPL at 1 m                     | 140 dB                                    |
| Enclosure Material                          | Birch Plywood                             |
| Color/Finish                                | Black/ISO-flex paint                      |
| Transducers/Replacement Parts               | LF: 2 x 18SX / GM 18SX                    |
| Connectors                                  | 2 x NL4 speakON                           |
| Dimensions (H x W x D)                      | 106.7 x 54 x 67 cm<br>42 x 21.3 x 26.4 in |
| Weight                                      | 64.5 kg (141.9 lb)                        |
| Accessories                                 | TRD-6 Pole Mount                          |

# DR 500 series

La *serie DR 500* se compone de sistemas, de bajo peso y atractivo diseño. Ofrece configuraciones con altavoces de 8", 12" y 15", permitiendo al usuario elegir la opción de tamaño que mejor se adecue a sus necesidades. Especialmente indicada para pequeños espacios, se adapta a cualquier aplicación que requiera una solución completa de refuerzo de sonido. Músicos, grupos o aplicaciones tales como recitales y conferencias se beneficiarán de las características únicas de la *serie DR 500*.

The *DR 500 series* products are a series of, light-weight systems which sport an attractive design. Offering configurations using 8", 12" and 15" loudspeakers, they allow the user to choose the size that best suits their needs. Especially appropriate in small spaces, they suit any application requiring a complete sound reinforcement solution. Solo musicians, keyboard based groups, or applications such as recitals and conferences will benefit from the unique features of the *DR 500 series*.



## DR-508A

## DR-512A

## DR-515A



| MODEL                                  | DR-508A                                                                                          | DR-512A                                                                                            | DR-515A                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Power Amplifier                        | 1000 W <sub>peak</sub><br>500 W <sub>continuous</sub><br>(Class D Bi-amplified)                  | 1000 W <sub>peak</sub><br>500 W <sub>continuous</sub><br>(Class D Bi-amplified)                    | 1000 W <sub>peak</sub><br>500 W <sub>continuous</sub><br>(Class D Bi-amplified)                    |
| Input Type                             | Balanced Differential Line                                                                       | Balanced Differential Line                                                                         | Balanced Differential Line                                                                         |
| Input Impedance                        | Line: 20 kohms                                                                                   | Line: 20 kohms                                                                                     | Line: 20 kohms                                                                                     |
| Sensitivity                            | Line: 1.95 V (+8 dBu)                                                                            | Line: 1.95 V (+8 dBu)                                                                              | Line: 1.95 V (+8 dBu)                                                                              |
| Frequency Range (-10 dB)               | 60 Hz - 20 kHz                                                                                   | 50 Hz - 20 kHz                                                                                     | 45 Hz - 20 kHz                                                                                     |
| HF Horn Coverage Angles (-6 dB)        | 90° x 45°                                                                                        | 90° x 45°                                                                                          | 90° x 45°                                                                                          |
| Maximum Peak SPL at 1 m <sup>(1)</sup> | 122 dB                                                                                           | 131 dB                                                                                             | 131 dB                                                                                             |
| Transducers/Replacement Parts          | LF: 8C/GM 8C<br>HF: M-34/GM M-34                                                                 | LF: 12Mi/GM 12Mi<br>HF: M-34/GM M-34                                                               | LF: 15Mi/GM 15Mi<br>HF: M-34/GM M-34                                                               |
| Enclosure Material                     | Polypropylene                                                                                    | Polypropylene                                                                                      | Polypropylene                                                                                      |
| Color/Finish                           | Black                                                                                            | Black                                                                                              | Black                                                                                              |
| Connectors                             | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                   | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                     | INPUT: Female XLR<br>LOOP THRU: Male XLR<br>AC INPUT: powerCON                                     |
| AC Power Requirements                  | 115 V, 2.4 A, 50 Hz/60 Hz<br>230 V, 1.2 A, 50 Hz/60 Hz                                           | 115 V, 2.4 A, 50 Hz/60 Hz<br>230 V, 1.2 A, 50 Hz/60 Hz                                             | 115 V, 3 A, 50 Hz/60 Hz<br>230 V, 1.5 A, 50 Hz/60 Hz                                               |
| Dimensions (H x W x D)                 | 45 x 30 x 30 cm<br>18 x 12 x 12 in                                                               | 62 x 40 x 37 cm<br>24 x 16 x 14.5 in                                                               | 71 x 46 x 42 cm<br>28 x 18 x 16.5 in                                                               |
| Weight                                 | 11.4 kg (25.1 lb)                                                                                | 18.1 kg (39.9 lb)                                                                                  | 20.1 kg (44.3 lb)                                                                                  |
| Accessories                            | ANL-1 Eye Bolt<br>AX-M Wall Mount<br>FUN-DS-108 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-1 Eye Bolt<br>AX-115 Wall Mount<br>FUN-DS-112 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-1 Eye Bolt<br>AX-115 Wall Mount<br>FUN-DS-115 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount |

Notes: 1. Maximum calculated Peak SPL based on sensitivity and RMS amplifier power.

## DR-508

## DR-512

## DR-515

| MODEL                                       | DR-508                                                                                                                | DR-512                                                                                             | DR-515                                                                                             |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Peak Power Handling                         | 800 W                                                                                                                 | 1200 W                                                                                             | 1400 W                                                                                             |
| RMS (Average) Power Handling <sup>(1)</sup> | 200 W                                                                                                                 | 300 W                                                                                              | 350 W                                                                                              |
| Frequency Range (-10 dB)                    | 60 Hz - 20 kHz                                                                                                        | 50 Hz - 20 kHz                                                                                     | 47 Hz - 20 kHz                                                                                     |
| Nominal Impedance                           | 8 ohms                                                                                                                | 8 ohms                                                                                             | 8 ohms                                                                                             |
| On-axis Sensitivity 1 W/ 1 m                | 93 dB SPL                                                                                                             | 96 dB SPL                                                                                          | 96 dB SPL                                                                                          |
| Maximum Peak SPL at 1 m <sup>(2)</sup>      | 122 dB                                                                                                                | 131 dB                                                                                             | 131 dB                                                                                             |
| HF Horn Coverage Angles (-6 dB)             | 90° x 45°                                                                                                             | 90° x 45°                                                                                          | 90° x 45°                                                                                          |
| Enclosure Material                          | Polypropylene                                                                                                         | Polypropylene                                                                                      | Polypropylene                                                                                      |
| Color/Finish                                | Black                                                                                                                 | Black                                                                                              | Black                                                                                              |
| Transducers/Replacement Parts               | LF: 8C/GM 8C<br>HF: M-34/GM M-34                                                                                      | LF: 12Mi/GM 12Mi<br>HF: M-34/GM M-34                                                               | LF: 15Mi/GM 15Mi<br>HF: M-34/GM M-34                                                               |
| Connectors                                  | 2 x NL4 Speakon                                                                                                       | 2 x NL4 Speakon                                                                                    | 2 x NL4 Speakon                                                                                    |
| Dimensions (H x W x D)                      | 45 x 30 x 30 cm<br>18 x 12 x 12 in                                                                                    | 62 x 40 x 37 cm<br>24 x 16 x 14.5 in                                                               | 71 x 46 x 42 cm<br>28 x 18 x 16.5 in                                                               |
| Weight                                      | 9.9 kg (21.8 lb)                                                                                                      | 16.6 kg (36.5 lb)                                                                                  | 18.6 kg (41 lb)                                                                                    |
| Accessories                                 | ANL-1 Eye Bolt<br>AX-108 Wall Mount<br>AX-M Wall Mount<br>FUN-DS-108 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-1 Eye Bolt<br>AX-115 Wall Mount<br>FUN-DS-112 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount | ANL-1 Eye Bolt<br>AX-115 Wall Mount<br>FUN-DS-115 Cover<br>TRD-2 Speaker Stand<br>TRD-6 Pole Mount |

Notes: 1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise (IEC shaped).  
2. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

# arco series

La serie **arco** es una línea de sistemas de dos vías, de reducidas dimensiones y poco peso realizada en plástico ABS de alta resistencia al impacto. La serie es ideal para aplicaciones de música ambiente y megafonía en lugares como tiendas, boutiques, bares y cafeterías, aeropuertos o centros de convenciones. La serie **arco** hereda el legendario rendimiento y fiabilidad que han convertido a D.A.S. en un referente de la industria.

The **arco** series is a line-up of 2-way systems for background/foreground music and paging applications that are both compact in size and light in weight. Ideal for reproducing music program in retail stores, lounges, boutiques, boardrooms, airports, and convention centers, the **arco** series inherits the legendary performance that has made D.A.S. an industry standard.

## arco 4 / arco 4T



| MODEL                                        | arco 4 / arco 4T                                                               |
|----------------------------------------------|--------------------------------------------------------------------------------|
| Certification                                | IP54 (with IP-Kit), EN54 Pending                                               |
| RMS (Average) Power Handling <sup>(1)</sup>  | 50 W                                                                           |
| Peak Power Handling                          | 200 W                                                                          |
| Frequency Range (-10 dB) <sup>(2)</sup>      | 72 Hz-22 kHz                                                                   |
| Nominal Impedance                            | 8 ohms                                                                         |
| Transformer Taps 100 V                       | 5, 10, 15 W                                                                    |
| 70 V                                         | 2.5, 5, 7.5 W                                                                  |
| On-axis Sensitivity 1 W/ 1 m                 | 86 dB SPL                                                                      |
| Rated Maximum Peak SPL at 1 m <sup>(3)</sup> | 109 dB                                                                         |
| HF Horn Coverage Angles (-6dB)               | 90° x 90°                                                                      |
| Enclosure Material                           | High Impact ABS Paintable<br>UV Resistant                                      |
| Color/Finish                                 | Black or White                                                                 |
| Transducers/Replacement Parts                | LF: 4G/4G<br>HF: TWT-4/TWT-4                                                   |
| Connectors                                   | Spring Terminals                                                               |
| Dimensions (H x W x D)                       | 21 x 14 x 14 cm<br>8.7 x 5.5 x 5.5 in                                          |
| Weight                                       | 1.6 kg (3.5 lb)                                                                |
| Accessories                                  | AX-4RM (Included) Wall Mount<br>AXU-AC4 U Bracket<br>AXA-AC Mounting Accessory |

Notes: 1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise (IEC shaped).  
2. Half space (on wall).  
3. Maximum calculated Peak SPL based on sensitivity and RMS power handling.



arco 24 / arco 24T

arco12 Sub



| MODEL                                        | arco 24 / arco 24T                                                              |
|----------------------------------------------|---------------------------------------------------------------------------------|
| Certification                                | IP54 (with IP-Kit), EN54 Pending                                                |
| RMS (Average) Power Handling <sup>(1)</sup>  | 100 W                                                                           |
| Peak Power Handling                          | 400 W                                                                           |
| Frequency Range (-10 dB) <sup>(2)</sup>      | 65 Hz-22 kHz                                                                    |
| Nominal Impedance                            | 8 ohms                                                                          |
| Transformer Taps 100 V                       | 10, 20, 30 W                                                                    |
| 70 V                                         | 5, 10, 15 W                                                                     |
| On-axis Sensitivity 1 W/ 1 m                 | 89 dB SPL                                                                       |
| Rated Maximum Peak SPL at 1 m <sup>(3)</sup> | 115 dB                                                                          |
| HF Horn Coverage Angles (-6dB)               | 80° H x 70° V                                                                   |
| Enclosure Material                           | High Impact ABS Paintable<br>UV Resistant                                       |
| Color/Finish                                 | Black or White                                                                  |
| Transducers/Replacement Parts                | LF: 2 x 4G4/4G4<br>HF: TWT-24/TWT-24                                            |
| Connectors                                   | Spring Terminals                                                                |
| Dimensions (H x W x D)                       | 34 x 15 x 15 cm<br>17.7 x 5.9 x 5.9 in                                          |
| Weight                                       | 2.6 kg (5.7 lb)                                                                 |
| Accessories                                  | AX-4RM (Included) Wall Mount<br>AXU-AC24 U Bracket<br>AXA-AC Mounting Accessory |

| MODEL                               | arco 12 SUB                                                                        |
|-------------------------------------|------------------------------------------------------------------------------------|
| Power Handling                      | 170 W cont. program per coil                                                       |
| Frequency Range (-10 dB)            | 40 Hz - 200 Hz                                                                     |
| Nominal Impedance                   | 8 + 8 ohm (dual voice coil)                                                        |
| Sensitivity 1W/1m                   | 106 dB SPL at corner junction<br>( $\pi/2$ loading, 1/2 W each coil)               |
| Rated Maximum Peak SPL              | 134 dB                                                                             |
| Filter Network to Subwoofer         | 12 dB/oct low-pass, 200 Hz<br>(per input)                                          |
| Filter Network to Satellite Outputs | 6 dB/oct high-pass (per output)                                                    |
| Transducer/Replacement Parts        | 122S/122S                                                                          |
| Connectors                          | Spring terminals<br>Left In, Right In<br>Left Satellite Out<br>Right Satellite Out |
| Enclosure Material                  | MDF                                                                                |
| Color                               | Black                                                                              |
| Dimensions (H x W x D)              | 36 x 59.2 x 28.5 cm<br>14.2 x 23.3 x 11.2 in                                       |
| Weight                              | 14 kg (30.8 lb)                                                                    |
| Accessories                         | AXW-122S (Included) Wall Mount                                                     |

Los nuevos amplificadores D Series presentan tres modelos, los D-100, D-10 y D-20. Estos amplificadores de altas prestaciones poseen una combinación perfecta de potencia y funcionalidad que los hace ideales para la mayoría de las aplicaciones de refuerzo de sonido.

The new D Series of power amplifiers consists of three models, the D-100, D-10 and D-20. These high performance power amplifiers deliver the ideal blend of power and functionality that make them optimum choice for both live and installed sound applications.

# D-Series Dynamic Amplifiers

*D-100*

*D-10*

*D-20*



| Parameter (Units)                                                  | D-100       | D-10       | D-20        |
|--------------------------------------------------------------------|-------------|------------|-------------|
| Output Power (per channel) (Watts) (Crest Factor of 4.8)           | 4 Ch.       | 2 Ch.      | 2 Ch.       |
| 8 ohms                                                             | 1400        | 450        | 625         |
| 4 ohms                                                             | 2800        | 750        | 1150        |
| 2 ohms                                                             | 3700        | 1150       | 2100        |
| Output Power (bridged) (Watts)                                     |             |            |             |
| 8 ohms                                                             | 5300        | 1500       | 2300        |
| 4 ohms                                                             | 7400        | 2300       | 4200        |
| Additional Specifications                                          |             |            |             |
| THD+N:(%)(4 ohms)@1kHz<br>(@1dB below max output power) <          | 0.08        | 0.008      | 0.008       |
| THD+N:(%)(4 ohms)@20Hz to 20kHz<br>(@3dB below max output power) < | 0.15        | 0.03       | 0.03        |
| Gain Options (dB)                                                  | 26/32/36    | 32         | 32/36       |
| Sensitivity Options (for maximum power) (dBu)                      | 16/10/6     | 3.5        | 7.5/3.5     |
| Sensitivity Options (for maximum power) (Volts)                    | 4.9/2.5/1.5 | 1.2        | 1.8/1.2     |
| Frequency Response - 20Hz to 20kHz (dB)                            | ±0.5        | +0 / -0.5  | +0 / -0.5   |
| Input Impedance - Active balanced (k ohms)                         |             | 20         |             |
| Input CMRR (dB)                                                    |             | >60        |             |
| Hum & Noise (dB below max output)                                  | -105        | -104       | -106        |
| Damping Factor: @1kHz into 8 ohms                                  | >200@1 kHz  | >400@1 kHz |             |
| Output Circuitry                                                   | D           | AB         | AB          |
| Power Consumption: Nominal @ 240v (4 ohms)(A)                      | 7           | 1.9        | 2.8         |
| Power Consumption: Nominal @ 120v (4 ohms)(A)                      | 14          | 3.8        | 5.6         |
| Dimensions (mm): H x W x D                                         | 88x482x428  |            | 88x482x460  |
| Dimensions (in): H x W x D                                         | 3.5x19x16.9 |            | 3.5x19x18.2 |
| Weight: (Kg)                                                       | 12.00       | 13.80      | 20.42       |
| Weight: (lb)                                                       | 26.40       | 30.36      | 44.92       |

Los amplificadores de la serie **CSA** ofrecen salidas estéreo y están diseñados para alimentar sistemas distribuidos en líneas de 70 y 100 voltios. Los amplificadores de la serie **CSA** ofrecen una solución fiable para cualquier tipo de instalación permanente. Incluyen controles de ganancia en el panel frontal, entradas XLR y terminales de tornillo. Las salidas incorporan terminales de tornillo con barra protectora que ofrecen una conexión segura y fiable.

The **CSA** series amplifiers are D.A.S's latest offer in stereo amplifiers with 70 and 100 volt outputs for distributed audio systems. The **CSA** series amplifiers offer a durable, cost-effective power solution for any permanently installed sound system. They include front located gain controls, XLR and screw terminal connectors. Covered barrier strip output connectors provide safe and reliable connections.



CSA series

|                                             | MODEL | CSA-300T                                   | CSA-600T                                   |
|---------------------------------------------|-------|--------------------------------------------|--------------------------------------------|
| Distributed Output Power Stereo Mode        |       |                                            |                                            |
| 70 V or 100 V                               |       | 150 W                                      | 300 W                                      |
| Bridge Mono Mode                            |       |                                            |                                            |
| 140 or 200 V                                |       | 300 W                                      | 600 W                                      |
| Frequency Response                          |       | 55 Hz-25 kHz +0/-3 dB                      | 55 Hz-25 kHz +0/-3 dB                      |
| Signal to Noise (20 Hz-20 kHz)              |       | -94 dB                                     | -98 dB                                     |
| Distortion (SMPTE-IM)                       |       | Less than 0.08%                            | Less than 0.07%                            |
| Distortion (typical)                        |       | Less than 0.03%                            | Less than 0.05%                            |
| Input Sensitivity (100 V)                   |       | 0.64 V                                     | 0.9 V                                      |
| Input Impedance                             |       | 10 kohms Un-balanced<br>20 kohms Balanced  | 10 kohms Un-balanced<br>20 kohms Balanced  |
| Output Regulation                           |       | 1.5 dB                                     | 1.5 dB                                     |
| Voltage Gain                                |       | 32 dB (40x)                                | 32 dB (40x)                                |
| Output Circuitry                            |       | Class AB                                   | Class AB                                   |
| Power Requirements                          |       | 115, 230 VAC 50/60 Hz                      | 115, 230 VAC 50/60 Hz                      |
| Current Draw (1/3 power - 70/100 V @ 230 V) |       | 1.8 A                                      | 3.1 A                                      |
| Dimensions (H x W x D)                      |       | 8.8 x 48.3 x 43.9 cm<br>3.5 x 19 x 17.3 in | 8.8 x 48.3 x 43.9 cm<br>3.5 x 19 x 17.3 in |
| Weight                                      |       | 12.1 kg (26.8 lb)                          | 14.2 kg (31.4 lb)                          |

# PS series

La serie de amplificadores **powerpro** ofrece una tecnología ampliamente contrastada. La serie está formada por cinco modelos construidos en robustos chasis de acero de 1U y 2U, ideada para satisfacer las necesidades reales de audio con una máxima eficiencia en costes. Tanto las instalaciones fijas como las aplicaciones móviles son candidatas idóneas para la serie **powerpro**.

The D.A.S. **powerpro** series of amplifiers offers a tremendous value in proven amplifier technology. The line consists of five models in rugged 1U and 2U steel chassis, engineered to meet demanding audio requirements reliably and still remain within budget. Both permanent installations and mobile applications are ideal candidates for the **powerpro** series.



46

| MODEL                                   | PS-200                                      | PS-400                                      | PS-800                                     | PS-1400                                    | PS-2400                                    |
|-----------------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Stereo Mode (both channels driven)      |                                             |                                             |                                            |                                            |                                            |
| 8 ohms EIA 1 kHz 1% THD                 | 70 W                                        | 150 W                                       | 250 W                                      | 450 W                                      | 800 W                                      |
| 4 ohms EIA 1 kHz 1% THD                 | 100 W                                       | 200 W                                       | 450 W                                      | 700 W                                      | 1200 W                                     |
| 2 ohms EIA 1 kHz 1% THD                 |                                             |                                             |                                            |                                            | 1800 W                                     |
| Bridge Mono Mode                        |                                             |                                             |                                            |                                            |                                            |
| 8 ohms EIA 1 kHz 1% THD                 | 200 W                                       | 400 W                                       | 800 W                                      | 1400 W                                     | 2200 W                                     |
| Frequency Response                      | 20 Hz-20 kHz +1/-1 dB                       | 20 Hz-20 kHz +1/-1 dB                       | 20 Hz-20 kHz +1/-1 dB                      | 20 Hz-20 kHz +1/-1 dB                      | 20 Hz-20 kHz +1/-1 dB                      |
| Signal to Noise (20 Hz-20 kHz)          | -90 dB                                      | -90 dB                                      | -90 dB                                     | -90 dB                                     | -90 dB                                     |
| Distortion (SMPTE-IM)                   | Less than 0.5%                              | Less than 0.5%                              | Less than 0.5%                             | Less than 0.5%                             | Less than 0.5%                             |
| Distortion (typical)                    | Less than 0.5%                              | Less than 0.5%                              | Less than 0.5%                             | Less than 0.5%                             | Less than 0.5%                             |
| 10 dB below rated power: 20 Hz-20 kHz   |                                             |                                             |                                            |                                            |                                            |
| Damping Factor @ 8 ohms                 | Greater than 100                            | Greater than 100                            | Greater than 100                           | Greater than 100                           | Greater than 100                           |
| Input Sensitivity @ 4 ohms              | 0.775 V/1.0 V/1.44 V                        | 0.775 V/1.0 V/1.44 V                        | 0.775 V/1.0 V/1.44 V                       | 0.775 V/1.0 V/1.44 V                       | 0.775 V/1.0 V/1.44 V                       |
| Input Impedance                         | 10 kohms Un-balanced<br>20 kohms Balanced   | 10 kohms Un-balanced<br>20 kohms Balanced   | 10 kohms Un-balanced<br>20 kohms Balanced  | 10 kohms Un-balanced<br>20 kohms Balanced  | 10 kohms Un-balanced<br>20 kohms Balanced  |
| Voltage Gain (input 0.775 V)            | 28.2 dB                                     | 31.2 dB                                     | 34.8 dB                                    | 36.7 dB                                    | 39 dB                                      |
| Output Circuitry                        | Class AB                                    | Class AB                                    | Class AB                                   | Class AB                                   | Class G                                    |
| Power Requirements                      | 230 VAC 50 Hz                               | 230 VAC 50 Hz                               | 230 VAC 50 Hz                              | 230 VAC 50 Hz                              | 230 VAC 50 Hz                              |
| Current Draw (1/3 power-4 ohms @ 230 V) | 0.57 A                                      | 1 A                                         | 1.8 A                                      | 3.4 A                                      | 9.6 A                                      |
| Dimensions (H x W x D)                  | 4.4 x 48.2 x 38,6 cm<br>1.75 x 19 x 13.2 in | 4.4 x 48.2 x 38,6 cm<br>1.75 x 19 x 13.2 in | 8.8 x 48.2 x 38,6 cm<br>3.5 x 19 x 14.2 in | 8.8 x 48.2 x 38,6 cm<br>3.5 x 19 x 14.2 in | 8.8 x 48.2 x 38,6 cm<br>3.5 x 19 x 14.2 in |
| Weight                                  | 8 kg (17.6 lb)                              | 10 kg (22.2 lb)                             | 13 kg (28.6 lb)                            | 16.5 kg (37 lb)                            | 27.2 kg (60 lb)                            |



El Aero 50rack es un robusto rack que incluye amplificadores de potencia, procesadores, distribuidores de energía y paneles de conexiones de entrada y salida de señal para sistemas line array Aero 50. Hay dos opciones diferentes de Aero 50rack.

El **A50rack\_1** monta 3 amplificadores de cuatro canales D.A.S. Audio D-100 y un procesador D.A.S. DSP-2060A. El D-100 es un amplificador Clase D de cuatro canales con fuente de alimentación conmutada de 2.800 W por canal @ 4 ohms.

El **A50rack\_2** incluye 6 amplificadores PowerSoft K-6DSP AESOP. El K-6DSP incluye su propio procesador de señal y es un amplificador Clase D de dos canales. Su potencia es de 3.600 W por canal @ 2 ohms.

The A50rack is a rugged touring rack that includes power amplifiers, processors, power distro, input patch panel and output patch panel for the aero 50 line array systems. There are two different options for the A50rack.

The **A50rack\_1** is assembled with 3 x D.A.S. Audio D-100 four channel amps and a D.A.S. Audio DSP-2060A. The D-100 amplifier is a 4 channel Class D switching power supply amplifier of 2800W per channel@ 4 ohms.

The **A50rack\_2** comprised by 6 x PowerSoft K-6DSP AESOP amplifiers. The K-6 DSP includes its own DSP and is a Class D switching power supply 2 channel amp. Power per channel is 3600W @ 2ohms.

| MODEL                          | A50rack_1                                                                                                                                                                                                                                                                                                      | A50rack_2                                                                                                                                                                                                                     |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Drive Capabilities             | 6 x Aero 50                                                                                                                                                                                                                                                                                                    | 12 x Aero 50                                                                                                                                                                                                                  |
| Amplifiers                     | 3 x D.A.S. D100                                                                                                                                                                                                                                                                                                | 6 x Powersoft K6DSP                                                                                                                                                                                                           |
| Power/Channel (each amplifier) | 4 x 2800 W @ 4 ohms                                                                                                                                                                                                                                                                                            | 2 x 3600 W @ 2 ohms                                                                                                                                                                                                           |
| Processors                     | D.A.S. DSP-2060A or DSP-4080                                                                                                                                                                                                                                                                                   | Powersoft AESOP                                                                                                                                                                                                               |
| Power Distro                   | A50_Distro1, 32 A, 400 V<br>3 "Phase Active" LEDS                                                                                                                                                                                                                                                              | A50_Distro2, 32 A, 400 V<br>3 "Phase Active" LEDS                                                                                                                                                                             |
| Protection                     | 1 x RCD 40A 30mA 4P<br>6 x MCB 16A "C" 1P                                                                                                                                                                                                                                                                      | 1 x RCD 40A 30mA 4P<br>6 x MCB 16A "C" 1P                                                                                                                                                                                     |
| Connectors                     | AC In: 1 x 32A CEE, 400V, 5P<br>AC Thru: 1 x 32A CEE, 400V, 5P<br>Distributed AC Out: 6 x 16A Shuko<br>Audio Input: 2 x Female XLR<br>Audio Output: 2 x Male XLR<br>AudioCore Input: 1 x Female XLR<br>AudioCore Output: 1 x Male XLR<br>Amplifier Output: 3 x Speakon NL8<br>(Wired ±1LF1, ±2LF2, ±3MF, ±4HF) | AC In: 1 x 32A CEE, 400V, 5P<br>---<br>Distributed AC Out: 6 x 16A CEE, 230V, 3P<br>Audio Input: 3 x Female XLR<br>Audio Output: 3 x Male XLR<br>---<br>Amplifier Output: 3 x Speakon NL8<br>(Wired ±1LF1, ±2LF2, ±3MF, ±4HF) |
| Rack size                      | 10U                                                                                                                                                                                                                                                                                                            | 10U                                                                                                                                                                                                                           |
| Construction                   | 9 mm Birch plywood<br>100 mm casters with brakes<br>20 mm high density foam interior<br>Front and rear covers<br>Professional grade hardware                                                                                                                                                                   | 9 mm Birch plywood<br>100 mm casters with brakes<br>20 mm high density foam interior<br>Front and rear covers<br>Professional grade hardware                                                                                  |
| Dimensions (H x W x D)         | 70.1x 58.2 x 87.3 cm<br>27.6 x 22.9 x 34.4 in                                                                                                                                                                                                                                                                  | 70.1 x 58.2 x 87.3 cm<br>27.6 x 22.9 x 34.4 in                                                                                                                                                                                |
| Weight                         | 56 kg (123.2 lb)                                                                                                                                                                                                                                                                                               | 92 kg (202.4 lb)                                                                                                                                                                                                              |



| MODEL                     | DSP-2040                                  |                        |                                                                       |
|---------------------------|-------------------------------------------|------------------------|-----------------------------------------------------------------------|
| Inputs                    | 2                                         | EQ Q/BW                | 0.4 to 128 / 2.5 to 0.008                                             |
| Input Impedance           | >10k ohms                                 | X-over filters         | 6, 12, 18, 24, 48 dB/oct                                              |
| Input Gain                | +6 dB to -40 dB in 0.1 steps              |                        | Bessel, Butterworth, Linkwitz-Riley                                   |
| Max. Input Level          | +20 dBu                                   | Limiters               | 2 per output (Program and D-Max); Threshold, Attack, Release variable |
| Mute ON/OFF               | yes                                       |                        | Threshold +22 dBu to -10 dBu                                          |
| Input Connectors          | 3 pin female XLR                          | External Connectors    | 9 pin DEE connector (RS232)                                           |
| Outputs                   | 4                                         | RS485 Connectors       | no                                                                    |
| Output Impedance          | <60 ohms                                  | Remote Control         | no                                                                    |
| Output Gain               | +15 dB to -40 dB in 0.1 steps             | Sampling rate          | 96 kHz                                                                |
| Max. Output Level         | +20 dBm into 600 ohms                     | CMRR                   | >65 dB, 50 Hz to 10 kHz                                               |
| Mute ON/OFF               | yes                                       | Latency                | 1.5 ms (analogue in – analogue out @ 96 kHz)                          |
| Output Connectors         | 3 pin male XLR                            | Power Connector        | 3 pin IEC                                                             |
| Frequency Response        | 20 Hz – 20 kHz +/- 0.5 dB; -3 dB @ 32 kHz | AC Power Requirements  | 60 to 250 V 50/60Hz                                                   |
| Dyn. Range unweighted     | >116 dB 20 Hz – 20 kHz                    | Dimensions (H x W x D) | 4.4 x 48.2 x 30 cm                                                    |
| Distortion                | <0.02% @ 1KHz +18 dBm                     |                        | 1.75 x 19 x 11.8 in                                                   |
| Max. Delay Time           | 650 ms                                    | Weight                 | 3.3 kg ( 7.26 lb)                                                     |
| Min. Delay Step           | 0.3 us                                    |                        |                                                                       |
| Max. Number of EQ filters | 8 per input / 9 per output                |                        |                                                                       |
| Filter Gain               | +15 dB to -30 dB in 0.1 steps             |                        |                                                                       |
| EQ Frequency Range        | 19.7 Hz – 32 kHz 1/36 oct steps           |                        |                                                                       |
| EQ Type                   | Bell / Shelf / VarQ / Band Pass           |                        |                                                                       |



## DSP-2060A



| MODEL                     | DSP-2060A                                                     |                        |                                                                             |
|---------------------------|---------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------|
| Inputs                    | 2                                                             | EQ Q/BW                | 0.4 to 128 / 2.5 to 0.008                                                   |
| Input Impedance           | >10k ohms                                                     | X-over filters         | 6, 12, 18, 24, 48 dB/oct<br>Bessel, Butterworth,<br>Linkwitz-Riley          |
| Input Gain                | +6 dB to -40 dB in 0.1 steps                                  | Limiters               | 2 per output (Program and<br>D-Max); Threshold, Attack,<br>Release variable |
| Max. Input Level          | +20 dBu                                                       | External Connectors    | Threshold +22 dBu to -10 dBu<br>9 pin DEE connector<br>(RS232)              |
| Mute ON/OFF               | yes                                                           | RS485 Connectors       | yes                                                                         |
| Input Connectors          | 3 pin female XLR                                              | Remote Control         | yes (AudioCore)                                                             |
| Outputs                   | 6                                                             | Sampling rate          | 96 kHz                                                                      |
| Output Impedance          | <60 ohms                                                      | CMRR                   | >65 dB, 50 Hz to 10 kHz                                                     |
| Output Gain               | +15 dB to -40 dB in 0.1 steps                                 | Latency                | 1.5 ms (analogue in –<br>analogue out @ 96 kHz)                             |
| Max. Output Level         | +20 dBm into 600 ohms                                         | Power Connector        | 3 pin IEC                                                                   |
| Mute ON/OFF               | yes                                                           | AC Power Requirements  | 60 to 250 V 50/60Hz                                                         |
| Output Connectors         | 3 pin male XLR                                                | Dimensions (H x W x D) | 4.4 x 48.2 x 30 cm                                                          |
| Frequency Response        | 20 Hz – 20 kHz +/- 0.5 dB;<br>-3 dB @ 32 kHz                  | Weight                 | 1.75 x 19 x 11.8 in<br>3.3 kg ( 7.26 lb)                                    |
| Dyn. Range unweighted     | >116 dB 20 Hz – 20 kHz                                        |                        |                                                                             |
| Distortion                | <0.02% @ 1KHz +18 dBm                                         |                        |                                                                             |
| Max. Delay Time           | 650 ms                                                        |                        |                                                                             |
| Min. Delay Step           | 0.3 us                                                        |                        |                                                                             |
| Max. Number of EQ filters | 8 per input / 9 per output                                    |                        |                                                                             |
| Filter Gain               | +15 dB to -30 dB in 0.1 steps                                 |                        |                                                                             |
| EQ Frequency Range        | 19.7 Hz – 32 kHz 1/36 oct steps                               |                        |                                                                             |
| EQ Type                   | Bell / Shelf / VarQ / Phase /<br>Band Pass / All Pass / Ellip |                        |                                                                             |

## DSP-4080



| MODEL                     | DSP-4080                                                              |                        |                                                                             |
|---------------------------|-----------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------|
| Inputs                    | 4                                                                     | EQ Q/BW                | 0.4 to 128 / 2.5 to 0.008                                                   |
| Input Impedance           | >10k ohms                                                             | X-over filters         | 6, 12, 18, 24, 48 dB/oct<br>Bessel, Butterworth,<br>Linkwitz-Riley          |
| Input Gain                | +6 dB to -40 dB in 0.1 steps                                          | Limiters               | 2 per output (Program and<br>D-Max); Threshold, Attack,<br>Release variable |
| Max. Input Level          | +20 dBu                                                               | External Connectors    | Threshold +22 dBu to -10 dBu<br>9 pin DEE connector<br>(RS232)              |
| Mute ON/OFF               | yes                                                                   | RS485 Connectors       | yes                                                                         |
| Input Connectors          | 3 pin female XLR                                                      | Remote Control         | yes (AudioCore)                                                             |
| Outputs                   | 8                                                                     | Sampling rate          | 96 kHz                                                                      |
| Output Impedance          | <60 ohms                                                              | CMRR                   | >65 dB, 50 Hz to 10 kHz                                                     |
| Output Gain               | +15 dB to -40 dB in 0.1 steps                                         | Latency                | 1.5 ms (analogue in –<br>analogue out @ 96 kHz)                             |
| Max. Output Level         | +20 dBm into 600 ohms                                                 | Power Connector        | 3 pin IEC                                                                   |
| Mute ON/OFF               | yes                                                                   | AC Power Requirements  | 60 to 250 V 50/60Hz                                                         |
| Output Connectors         | 3 pin male XLR                                                        | Dimensions (H x W x D) | 4.4 x 48.2 x 30 cm                                                          |
| Frequency Response        | 20 Hz – 20 kHz +/- 0.5 dB;<br>-3 dB @ 32 kHz                          | Weight                 | 1.75 x 19 x 11.8 in<br>3.3 kg ( 7.26 lb)                                    |
| Dyn. Range unweighted     | >116 dB 20 Hz – 20 kHz                                                |                        |                                                                             |
| Distortion                | <0.02% @ 1KHz +18 dBm                                                 |                        |                                                                             |
| Max. Delay Time           | 650 ms                                                                |                        |                                                                             |
| Min. Delay Step           | 0.3 us                                                                |                        |                                                                             |
| Max. Number of EQ filters | 8 per input / 9 per output                                            |                        |                                                                             |
| Filter Gain               | +15 dB to -30 dB in 0.1 steps                                         |                        |                                                                             |
| EQ Frequency Range        | 19.7 Hz – 32 kHz 1/36 oct steps                                       |                        |                                                                             |
| EQ Type                   | Bell / Shelf / Notch / VarQ / Phase<br>/ Band Pass / All Pass / Ellip |                        |                                                                             |

# digital signal processors

DSP-23

DSP-26



DSP series

Los procesadores de señal D.A.S. han sido diseñados para un perfecto control de funcionamiento en una amplia gama de sistemas de refuerzo de sonido D.A.S. Los procesadores digitales de la serie *DSP* ofrecen un óptimo rendimiento y equilibrio entre vías.

The D.A.S. electronic signal processors have been designed for control and operation of a wide range of D.A.S. sound reinforcement systems. The digital *DSP* series, provide optimum performance and spectral balance between the ways.

| MODEL                     | DSP-23                                                         | DSP-26                                                         |
|---------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| <b>Inputs</b>             | 2                                                              | 2                                                              |
| Input Impedance           | 10k ohms                                                       | 10k ohms                                                       |
| Input Gain                | no                                                             | no                                                             |
| Max. Input Level          | +10 dBu                                                        | +20 dBu                                                        |
| Mute ON/OFF               | no                                                             | no                                                             |
| Input Connectors          | 3 pin female XLR                                               | 3 pin female XLR                                               |
| <b>Outputs</b>            | 3                                                              | 6                                                              |
| Output Impedance          | <50 ohms                                                       | <50 ohms                                                       |
| Output Gain               | + 6 dB to -60 dB in 0.5 steps                                  | +/-15 dB in 0.2 steps                                          |
| Max. Output Level         | +10 dBu into 600 ohms                                          | +20 dBu into 600 ohms                                          |
| Mute ON/OFF               | yes                                                            | yes                                                            |
| Output Connectors         | 3 pin female XLR                                               | 3 pin female XLR                                               |
| Frequency Response        | 20 Hz – 20 kHz +/- 0.5 dB;<br>-3 dB @ 32 kHz                   | 20 Hz – 20 kHz +/- 0.5 dB;<br>-3 dB @ 32 kHz                   |
| Dyn. Range unweighted     | 102 dB 22 Hz – 20 kHz                                          | 112 dB 22 Hz – 20 kHz                                          |
| Distortion                | <0,05% @ 1kHz +10 dBm                                          | <0,05% @ 1kHz +10 dBm                                          |
| Max Delay Time            | 12,5 ms                                                        | 630 ms                                                         |
| Min. Delay Step           | 100 us                                                         | 21 us                                                          |
| Max. Number of EQ filters | 3 per output                                                   | 8 per input / 9 per output                                     |
| Filter Gain               | +/- 12 dB in 0.2 steps                                         | +/-15 dB in 0.2 steps                                          |
| EQ Frequency Range        | 15 Hz – 20 kHz 1/16 oct steps                                  | 15 Hz – 20 kHz 1/16 oct steps                                  |
| EQ Type                   | Bell / Shelf                                                   | Bell / Shelf                                                   |
| EQ Q/BW                   | 0,3 to 131 / 3,6 to 0,011                                      | 0,4 to 29 / 3 to 0,05                                          |
| X-over filters            | 6, 12, 18, 24 dB/oct<br>Bessel, Butterworth,<br>Linkwitz-Riley | 6,12,18,24,48 dB/oct<br>Bessel, Butterworth,<br>Linkwitz-Riley |
| Limiters                  | 1 per output<br>Threshold +10dBu to -60dBu                     | 1 per output<br>Threshold +20dBu to -10 dBu                    |
| External Connectors       | USB                                                            | USB                                                            |
| RS485 Connectors          | no                                                             | no                                                             |
| Remote Control            | yes                                                            | yes                                                            |
| Sampling rate             | 48kHz                                                          | 48kHz                                                          |
| CMMR                      | >60 dB, 30 Hz to 20 kHz                                        | >60 dB, 30 Hz to 20 kHz                                        |
| Latency                   | 1ms                                                            | 1,3ms                                                          |
| Power Connector           | 3 pin IEC                                                      | 3 pin IEC                                                      |
| AC Power Requirements     | 90 to 250 V 50/60Hz                                            | 90 to 250 V 50/60Hz                                            |
| Dimensions (H x W x D)    | 5 x 22.7 x 14.5 cm<br>1.96 x 8.93 x 5.7 in                     | 4.4 x 48.2 x 22.3 cm<br>1.75 x 19 x 8.8 in                     |
| Weight                    | 1.2 kg (2.64 lb)                                               | 3.6 kg (8 lb)                                                  |

50



El DASnet™ Rack es un sistema de distribución de energía, señal y datos ensamblado en un robusto rack. Comprende dos paneles de conexiones DASnet™ y un distribuidor de energía de 32 A por fase que puede alimentar hasta dos paneles de conexiones DASnet™.

The DASnet™ Rack is a data, signal and power distribution system housed in a rugged touring rack. The rack comprises two DASnet™ patch panels and 32 A per phase power distro which can power two DASnet™ patch panels.





# accesorios /

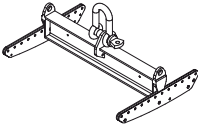
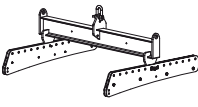
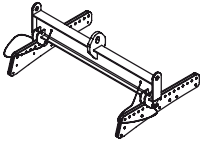
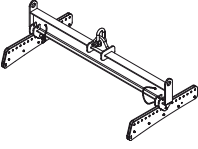
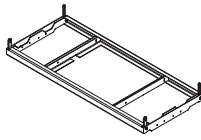
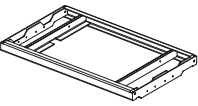
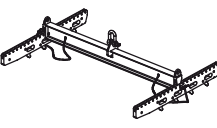
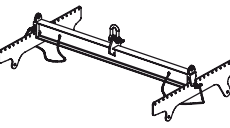
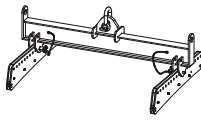
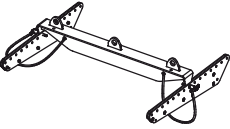
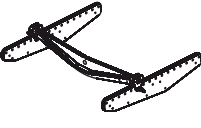
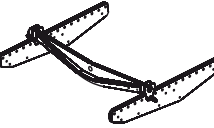
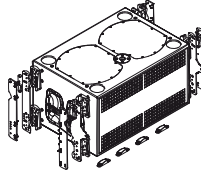
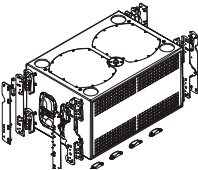
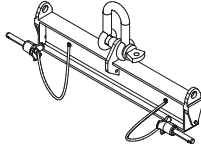
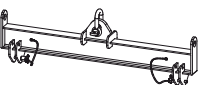


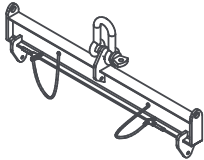
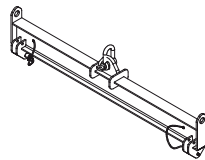
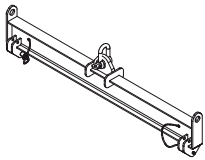
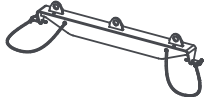
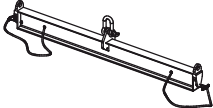
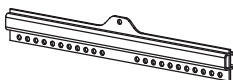
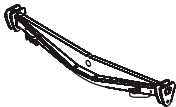
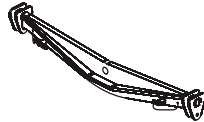


# accessories

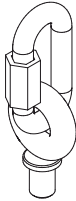
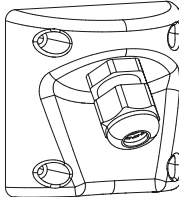
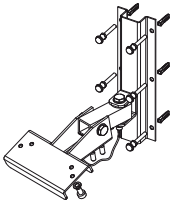
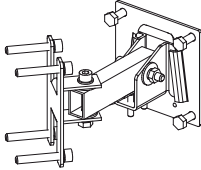
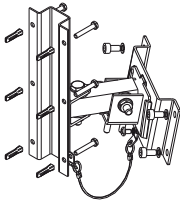
53

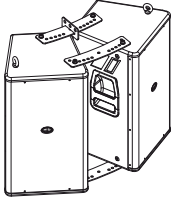
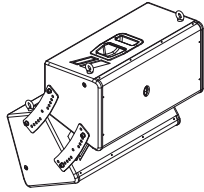
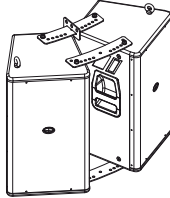
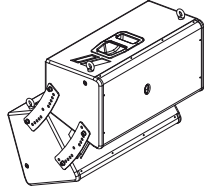
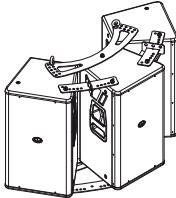
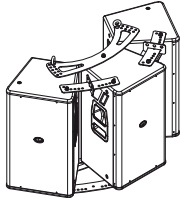
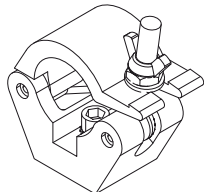
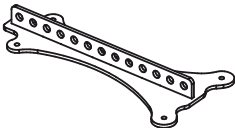
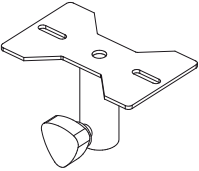
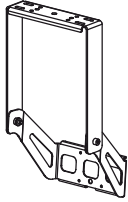
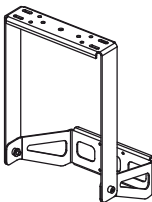
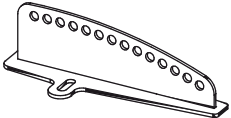
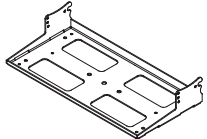


| Modelo / Model                                                                                              |                                                                                     | Modelo / Model                                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>AX-aero8</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 8A                                                 |    | <b>AX-aero12S2</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 12A                                            |    |
| <b>AX-aero40</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 40A                                               |    | <b>AX-aero50</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 50<br>LX-218R / LX-218RA<br>LX-218CR / LX-218CRA |    |
| <b>AX-COMBO12</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 12A<br>aero 12A / aero 50<br>aero 12A / LX-218RA |    | <b>AX-COMBO1512</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 12A / LX-215RA                                |    |
| <b>AX-convert15</b><br>UTILIZABLE CON / FOR USE WITH<br>convert 15RA                                        |   | <b>AX-convert15B</b><br>UTILIZABLE CON / FOR USE WITH<br>convert 15A                                       |   |
| <b>AX-LX215</b><br>UTILIZABLE CON / FOR USE WITH<br>LX-215R / LX-215RA                                      |  | <b>AX-convert12</b><br>UTILIZABLE CON / FOR USE WITH<br>convert 12A                                        |  |
| <b>AX-event 208</b><br>UTILIZABLE CON / FOR USE WITH<br>event 208A                                          |  | <b>AX-event 210</b><br>UTILIZABLE CON / FOR USE WITH<br>event 210A                                         |  |
| <b>KITR-LX215</b><br>UTILIZABLE CON / FOR USE WITH<br>LX-215 / LX-215A                                      |  | <b>KITR-LX218C</b><br>UTILIZABLE CON / FOR USE WITH<br>LX-218C / LX-218CA                                  |  |
| <b>Pick-Up AX-LX212 *</b><br>UTILIZABLE CON / FOR USE WITH<br>aero 8A                                       |  | <b>Pick-Up AX-LX215 *</b><br>UTILIZABLE CON / FOR USE WITH<br>LX-215R / LX-215RA                           |  |

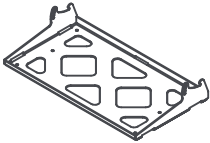
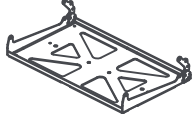
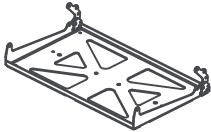
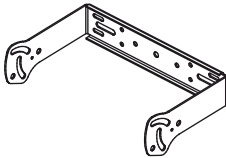
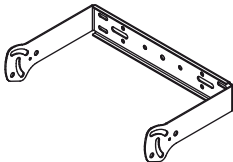
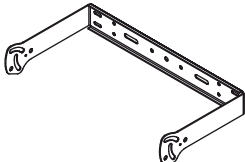
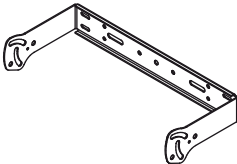
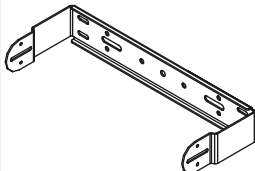
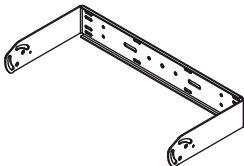
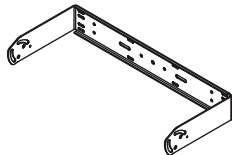
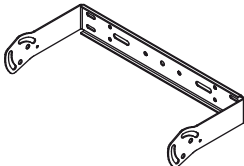
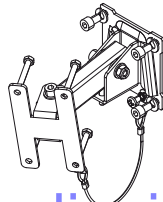
| Modelo / Model                                                                                                                                |                                                                                   | Modelo / Model                                                                           |                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Pick-Up AX-aero12S2 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 12A</i>                                                          |  | <b>Pick-Up AX-aero40 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 40A</i>       |  |
| <b>Pick-Up AX-aero50 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 50</i><br><i>LX-218R / LX-218RA</i><br><i>LX-218CR / LX-218CRA</i> |  | <b>Pick-Up AX-convert12 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>convert 12A</i> |  |
| <b>Pick-Up AX-convert15 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>convert 15A</i>                                                      |  | <b>Universal Fly Bar*</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>convert series</i>  |  |
| <b>Pick-Up AX-event 208</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>event 208A</i>                                                         |  | <b>Pick-Up AX-event 210</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>event 210A</i>    |  |

### ACCESORIOS PARA INSTALAR / APILAR ~ INSTALLATION / STACKING ACCESSORIES

| Modelo / Model                                                                                     |                                                                                     | Modelo / Model                                                                                                              |                                                                                       |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>ANL-1</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>DR 500 series</i>                          |  | <b>ANL-2</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>action series</i><br><i>artec series</i><br><i>reference series</i> |  |
| <b>ANL-5</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>avant series</i>                           |  | <b>arco IP Kit</b><br><b>arco IP Kit (WHITE)</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>arco 4 / arco 24</i>            |  |
| <b>AX-M</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>DR-508 / DR-508A</i>                        |  | <b>AX-108</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>DR-508</i>                                                         |  |
| <b>AX-115</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>DR-512 / 512A</i><br><i>DR-515 / 515A</i> |  | <b>AX-TRUSS</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-12.85 / Rf-15.85</i><br><i>Rf-12.64 / Rf-15.64</i>            |  |

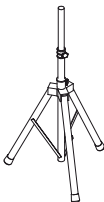
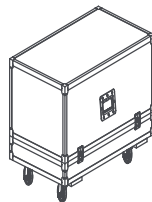
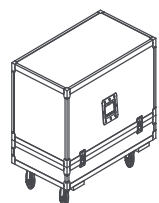
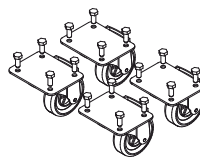
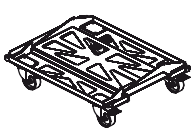
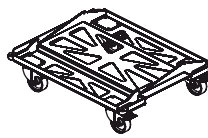
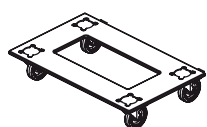
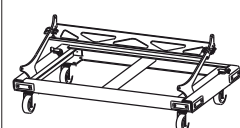
| Modelo / Model                                                                                       |                                                                                     | Modelo / Model                                                                    |                                                                                       |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>AXA-2RF12</b><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-12.85 / Rf-12.64</i>                      |    | <b>AXA-2RF12V</b><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-12.85 / Rf-12.64</i>  |    |
| <b>AXA-2RF15</b><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-15.85 / Rf-15.64</i>                      |    | <b>AXA-2RF15V</b><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-15.85 / Rf-15.64</i>  |    |
| <b>AXA-3RF12</b><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-12.85 / Rf-12.64</i>                      |    | <b>AXA-3RF15</b><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-15.64 / Rf-15.85</i>   |    |
| <b>AXA-AC*</b><br><b>AXA-ACW*(WHITE)</b><br>UTILIZABLE CON / FOR USE WITH<br><i>arco 4 / arco 24</i> |   | <b>AXC-AT *</b><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 8A</i>                |   |
| <b>AXA-CV15</b><br>UTILIZABLE CON / FOR USE WITH<br><i>convert 15A</i>                               |  | <b>AXA-CV15H</b><br>UTILIZABLE CON / FOR USE WITH<br><i>convert 15A</i>           |  |
| <b>AXC-ZT *</b><br>UTILIZABLE CON / FOR USE WITH<br><i>aero8A<br/>artec series</i>                   |  | <b>AXF-A508</b><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 508 / artec 508A</i> |  |
| <b>AXF-A510</b><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 510 / artec 510A</i>                    |  | <b>AXR-A500</b><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 500 series</i>       |  |
| <b>AXS-aero12</b><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 12A</i>                                |  | <b>AXS-aero8 *</b><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 8A</i>             |  |

\* Combinable con otros accesorios. Consulte el manual del accesorio en [www.dasaudio.com](http://www.dasaudio.com).  
Usable with other accessories. See accessory manual at [www.dasaudio.com](http://www.dasaudio.com).

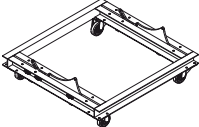
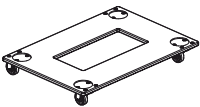
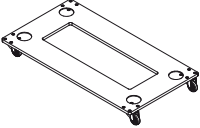
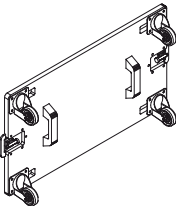
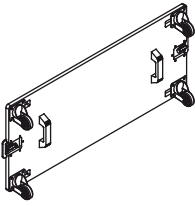
| Modelo / Model                                                                                                                      |                                                                                     | Modelo / Model                                                                                                                                                              |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>AXS-convert12</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>convert 12A</i>                                                     |    | <b>AXS-EVENT 208 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>event 208A / event 218A</i>                                                                               |    |
| <b>AXS-EVENT 210 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>event 210A / event 218A</i>                                       |    | <b>AXU-A506 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 506 / artec 506A</i>                                                                                     |    |
| <b>AXU-A508 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 508 / artec 508A</i>                                             |    | <b>AXU-A510 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 510 / artec 510A</i>                                                                                     |    |
| <b>AXU-A526 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>artec 526 / artec 526A</i>                                             |   | <b>AXU-AC8 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>action 8 / acton 8A</i>                                                                                         |   |
| <b>AXU-AC4</b><br><b>AXU-AC4W (WHITE)</b><br><br>Soporte "U" Techo / pared<br>One piece "U" Bracket wall / ceiling<br><i>arco 4</i> |  | <b>AXU-AC24</b><br><b>AXU-AC24W (WHITE)</b><br><br>Soporte "U" Techo / pared<br>One piece "U" Bracket wall / ceiling<br><i>arco 24</i>                                      |  |
| <b>AXU-RF12 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-12.85 / Rf-12.64</i><br><i>action 12 / action 12A</i>               |  | <b>AXU-RF15 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>Rf-15.85 / Rf-15.64</i>                                                                                        |  |
| <b>AXU-WR6412</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>WR-6412</i>                                                            |  | <b>AXU-WR6415</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>WR-6415</i>                                                                                                    |  |
| <b>AXU-WR8826</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>WR-8826 / WR-8826T</i>                                                 |  | <b>AXW-1</b><br><b>AXW-1W (WHITE)</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>action 8 / action 8A</i><br><i>artec 506 / artec 506A</i><br><i>artec 522 / artec 522A</i> |  |

\* Combinable con otros accesorios. Consulte el manual del accesorio en [www.dasaudio.com](http://www.dasaudio.com).  
 Usable with other accessories. See accessory manual at [www.dasaudio.com](http://www.dasaudio.com).

## **ACCESORIOS PARA TRANSPORTE ~ TRANSPORT ACCESSORIES**

| Modelo / Model                                                                                                                      |                                                                                     | Modelo / Model                                                                                                                                 |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>TRD-2 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br>Todos los modelos con vaso para trípode<br>All models with pole mount socket |    | <b>TRD-6 *</b><br><br>UTILIZABLE CON / FOR USE WITH<br>Todos los modelos con vaso para trípode<br>All models with pole mount socket            |    |
| <b>FUNDAS DE TRANSPORTE / CARRY BAGS</b><br><br>CONSULTE DISPONIBILIDAD<br>/ CONSULT AVAILABILITY                                   |    | <b>FC-4AE8</b><br><br>UTILIZABLE CON / FOR USE WITH<br>aero 8A                                                                                 |    |
| <b>FC-4AE12</b><br><br>UTILIZABLE CON / FOR USE WITH<br>aero 12A                                                                    |    | <b>FC-ROAD-12A</b><br><br>UTILIZABLE CON / FOR USE WITH<br>(R+L) road 12A                                                                      |    |
| <b>FC-ROAD-15A</b><br><br>UTILIZABLE CON / FOR USE WITH<br>(R+L) road 15A                                                           |   | <b>KITW-100</b><br><br>UTILIZABLE CON / FOR USE WITH<br>LX-215 / LX-215A<br>LX-215R / LX-215RA<br>LX-218C / LX-218CA /<br>LX-218CR / LX-218CRA |  |
| <b>PL-event208S</b><br><br>UTILIZABLE CON / FOR USE WITH<br>event 208A                                                              |  | <b>PL-event210S</b><br><br>UTILIZABLE CON / FOR USE WITH<br>event 210A                                                                         |  |
| <b>PL-event218S</b><br><br>UTILIZABLE CON / FOR USE WITH<br>event 218A                                                              |  | <b>PL-40S</b><br><br>UTILIZABLE CON / FOR USE WITH<br>aero 40A                                                                                 |  |

ACCESORIOS PARA TRANSPORTE ~ TRANSPORT ACCESSORIES

| Modelo / Model                                                                                        |                                                                                   | Modelo / Model                                                                                               |                                                                                     |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>PL-12S</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>aero 12A</i>                                 |  | <b>PL-CV15S</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>convert 15A</i>                                   |  |
| <b>PL-215S</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>LX-215 / LX-215A<br/>LX-215R / LX-215RA</i> |  | <b>PL-218CS</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>LX-218C / LX-218CA /<br/>LX-218CR / LX-218CRA</i> |  |
| <b>PL-LX215</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>LX-215R / LX-215RA</i>                     |  | <b>PL-LX218C</b><br><br>UTILIZABLE CON / FOR USE WITH<br><i>LX-218CR / LX-218CRA</i>                         |  |







[www.dasaudio.com](http://www.dasaudio.com)

D.A.S. AUDIO, S.A.  
C/. Islas Baleares, 24  
46988 Fuente del Jarro  
Valencia, SPAIN  
Tel. 96 134 0525  
Tel. Intl. +34 96 134 0860  
Fax 96 134 0607  
Fax Intl. +34 96 134 0607  
[ventas@dasaudio.com](mailto:ventas@dasaudio.com)  
[sales@dasaudio.com](mailto:sales@dasaudio.com)

D.A.S. AUDIO OF AMERICA INC.  
6900 NW 52nd Street  
Miami, FL. 33166 U.S.A.  
TOLL FREE: 1 888 DAS 4 USA  
Tel. 305 436 0521  
Fax 305 436 0528  
[jvillegas@dasaudio.com](mailto:jvillegas@dasaudio.com)

D.A.S. AUDIO ASIA PTE. LTD.  
25 Kaki Bukit Crescent #01-00/02-00  
Kaki Bukit Techpark 1  
Singapore 416256  
Tel. +65 6742 0151  
Fax: +65 6742 0157  
[jlgarcia@dasaudio.com](mailto:jlgarcia@dasaudio.com)

[facebook.com/dasaudio](https://facebook.com/dasaudio)



[youtube.com/user/DASAudioSpain](https://youtube.com/user/DASAudioSpain)



[twitter.com/dasaudio](https://twitter.com/dasaudio)



<http://www.issuu.com/dasaudio>



[flickr.com/people/dasaudio/](https://flickr.com/people/dasaudio/)



[www.audiovias.com](http://www.audiovias.com)