



PROFESSIONAL
AUDIO

EMPRESA / COMPANY

Fundada originalmente con el nombre de Dynamic and Sound, D.A.S. ha ido evolucionado hasta convertirse en un fabricante reconocido en todo el mundo por sus sistemas de sonido tanto para actuaciones en vivo como para la instalación fija.

Los altavoces de cono y los motores de compresión creados por D.A.S. Audio han adquirido una envidiable reputación internacional gracias a un funcionamiento excepcional y a una elevada fiabilidad. Todo ello ha sido posible porque la compañía aplica las técnicas de diseño más novedosas y los procesos de fabricación más exigentes, incorporando, por ejemplo, los últimos avances en modelado tridimensional, la simulación virtual por elementos finitos, el diseño asistido por ordenador y el prototipado rápido. El resultado de toda esta labor es un amplio catálogo de productos de audio profesional para múltiples aplicaciones que sitúa a DAS Audio en la élite mundial.

D.A.S. Audio, que en 2011 cumplió 40 años de liderazgo industrial, ha acumulado importantes conocimientos técnicos en su trayectoria y una interesante experiencia en el mundo del audio de la que se benefician sus clientes. Por otra parte, su sólida presencia en los cinco continentes aporta a la compañía una perspectiva global muy enriquecedora, que pocos competidores pueden igualar y que es apreciada en todo el mundo. Por ello, los sistemas de sonido profesional D.A.S. se pueden encontrar hoy en recintos tan prestigiosos como el Minsk Arena (Minsk, Bielorrusia), el Twickenham Stadium (Londres, Inglaterra) o el Mabee Center (Oklahoma, EE.UU.).

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 and manufacturing processes is cutting edge, with products benefitting from the latest developments in Computer Aided Design (CAD), solid-state modelling, and Rapid Prototyping. The result is a world-class catalog of products that has made D.A.S. a leader in the professional audio community.

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 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), and the Mabee Center (Oklahoma, USA), to name a few.

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æro 20A

Advanced Line Array System (ALAS™)

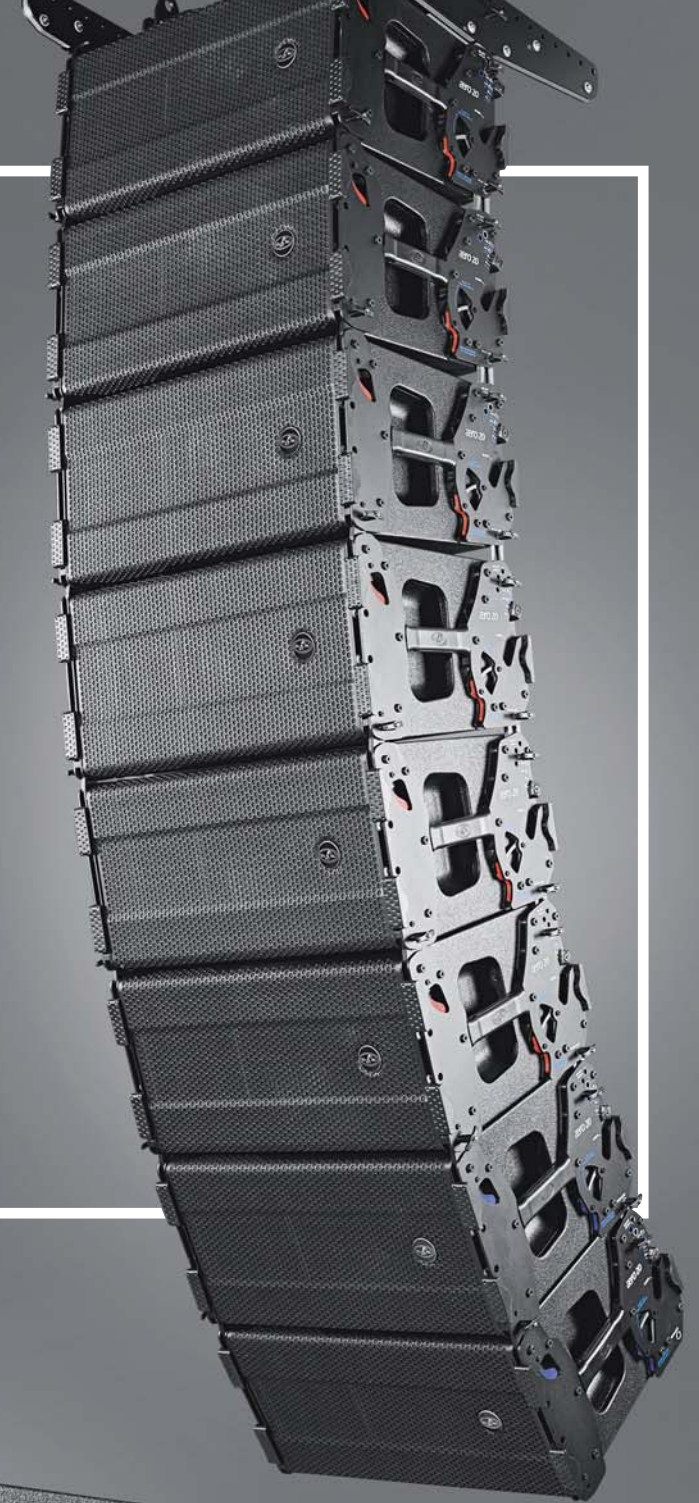
El Aero 20A es un sistema line array compacto. Es la tercera generación de arrays que nació con el modelo Aero 40A Advanced Line Array System (ALAS™) para romper con lo convencional e iniciar una nueva era en la excelencia del sonido, convirtiéndose en un punto de referencia en cuanto a rendimiento, fiabilidad y facilidad de uso.

El Aero 20A es un line array compacto que incorpora la filosofía ALAS™ y comparte las exitosas capacidades "todoterreno" del Aero 12A, lanzado en 2009. El Aero 20A incorpora los últimos logros técnicos de D.A.S. en el diseño de transductores, electrónica de potencia y gestión del sistema.

En definitiva: un sistema que evidencia el compromiso de D.A.S. para proporcionar a los usuarios unos sistemas más potentes, compactos y prácticos.

The third generation of Aero line array systems was born with the introduction of the Aero 40A Advanced Line Array System (ALAS™). Heralding a new era in sonic excellence and line array design, the Aero 40A broke away from the conventional to quickly become a benchmark for performance, reliability and user-friendliness.

The Aero 20A is a compact line array system which incorporates the ALAS™ philosophy and draws from the astounding success of the "all-purpose" capabilities of the Aero 12A, launched in 2009. The powered Aero 20A incorporates D.A.S.'s latest technical achievements in transducer design, power electronics and system management. This completely new system evidences D.A.S.'s commitment to provide users with more powerful, compact and practical systems.



UX-218A

El UX-218A se une a la nueva serie de sistemas subgraves UX, tanto en versiones autoamplificadas como pasivas. El UX-218A dispone de dos altavoces 18UXN4. Este nuevo altavoz diseñado y fabricado por D.A.S., ofrece unas características impresionantes, como una bobina split de 4" con doble devanado interior/exterior, una destacable excursión de 52 mm de pico a pico y un potente conjunto magnético optimizado de neodimio. Gracias al centrador doble con tratamiento de silicona, el 18UXN4 controla la masa móvil de manera muy lineal. Un anillo de aluminio favorece la baja distorsión y la ventilación efectiva de la bobina y proporciona un alto rango térmico con una reducida compresión de potencia.

El amplificador del UX-218A ofrece 2 x 1700 W, incorporando lo último en amplificación de potencia Clase D. Su fuente de alimentación universal de bajo consumo y alta eficiencia, dispone de Factor de Corrección de Potencia (PFC), lo que permite su uso seguro en todo el mundo. Su diseño electrónico de última generación, como el selector de salida de frecuencia fija, garantiza un gran nivel de fidelidad de audio. Un exhaustivo conjunto de protecciones "inteligentes" como sobretensión, temperatura, cortocircuito, sobrecarga en la salida, clip de limitación y protección de altas frecuencias, mantienen la seguridad del amplificador y los componentes acústicos.

The UX-218A joins the new range of UX Series subwoofer systems in both powered and passive versions. The UX-218A makes use of two 18UXN4 transducers. The new loudspeaker designed and manufactured by D.A.S. offers impressive features such as a 4" sandwich split winding voice coil, a remarkable 52 mm peak-to-peak excursion, and a powerful FEA optimized neodymium magnet assembly. Thanks to the double silicon spider, the 18UXN4 controls the moving mass with high linearity. An aluminum demodulating ring benefits lower distortion and effective ventilation of the voice coil gap provides for a high thermal rating, and reduced power compression.

The UX-218A amplifier offers 2 x 1700 W and incorporates the latest in Class D power amplification. A high efficiency, low consumption universal power supply with Power Factor Correction (PFC) allows for fail-safe use worldwide. State-of-the-art electronic design such as the fixed frequency switch mode output stage provides for the highest grade of audio accuracy. A comprehensive set of "smart" protections include thermal, over current, short circuit and overload on the output, clip limiter and high frequency protection keeping the amp and acoustic components safe.



UX-221A

El UX-221A se suma a una extensa gama de sistemas subgraves con versiones tanto autoamplificadas como pasivas. El sistema entra en escena en respuesta a las demandas de alta potencia para subgraves de ultra bajas frecuencias.

El UX-221A incorpora dos altavoces de 21" con impresionantes especificaciones. Los altavoces 21UXN están equipados con bobinas de 6", un destacable recorrido de suspensión de 60 mm y un potente conjunto magnético de neodimio. La eficiente ventilación de la bobina proporciona un alto índice térmico y una reducida compresión de potencia.

El amplificador del UX-221A ofrece 2 x 3400 W e incorpora lo último en amplificación Clase D. La fuente de alimentación universal de alta eficiencia y bajo consumo con PFC (Power Factor Correction) facilita el uso sin fallos en todo el mundo. El diseño electrónico de última generación, así como la fuente conmutada de frecuencia fija proporcionan el máximo nivel de precisión de audio. Un extenso paquete de protecciones "inteligentes" incluyen protección térmica, sobre corriente, cortocircuito y sobrecarga en la salida, límite y protección de alta frecuencia para asegurar el amplificador y los componentes acústicos.

The UX-221A joins an already extensive range of subwoofer systems in both powered and passive versions. The system enters the line-up in response to demands for a high output ultra low frequency subwoofer solution.

The UX-221A make use of two 21" loudspeakers with impressive specifications. The 21UXN loudspeakers are equipped with 6" voice coils, a remarkable 60 mm peak-to-peak excursion, and powerful neodymium magnet assemblies. Efficient ventilation of the voice coil gap provides for a high thermal rating, and reduced power compression.

The UX-221A amplifier offers 2 x 3400 W and incorporates the latest in Class D power amplification. A high efficiency, low consumption universal power supply with Power Factor Correction (PFC) allows for fail-safe use worldwide. State-of-the-art electronic design such as the fixed frequency switch mode output stage provides for the highest grade of audio accuracy. A comprehensive set of "smart" protections include thermal, over current, short circuit and overload on the output, clip limiter and high frequency protection keeping the amp and acoustic components safe.



UX-30A



El sistema UX-30A fue diseñado para aplicaciones de sonido en vivo. Utiliza un innovador altavoz de motor lineal con imán móvil M-Force®. Las incomparables prestaciones en términos de potencia, conversión electromagnética, fiabilidad y SPL máximo, son algunas de las características innovadoras y mejoras con respecto a los motores convencionales de bobina móvil.

El motor lineal está alimentado por un amplificador M-Drive®, de alta potencia, igual de impresionante que el diseño del propio motor. Los asombrosos valores tanto de voltaje de salida (310 Vpico) como intensidad (200 Apico), permiten al amplificador M-Drive®, explotar todo el potencial del motor M-Force®. El Control Diferencial de Presión (DPC®), es una herramienta activa de procesado acústico que controla y realza las prestaciones del sistema.

LA REVOLUCIÓN

Rompiendo las reglas y estableciendo una revolución en el mundo del altavoz, el grupo magnético móvil del UX-30A va más allá de los conceptos convencionales de la física en el diseño de altavoces. En lugar de la bobina tradicional alojada en un campo magnético, el motor M-Force® incorpora un juego de imanes de neodimio de alta potencia que mueven de forma lineal, un espectacular cono de 30 " fabricado en polietileno.

Este innovador conjunto motor/cono, proporciona un excepcional SPL, equivalente a cuatro altavoces de 18" o dos de 21", en un recinto del mismo tamaño al de un subgrave doble 18" ofreciendo un importante ahorro de espacio y peso en los vehículos de transporte. La compresión de potencia es inexistente en este tipo de diseño y el alto rendimiento en términos de conversión electromagnética, manejo de potencia y fiabilidad, convierten al UX-30A en el sistema subgrave más singular y potente del audio profesional.

El UX-30A cuenta con un amplificador M-Drive® con fuente de alimentación conmutada y tecnología de Control Diferencial de Presión (DPC®). El DPC proporciona consistencia en el rendimiento del sistema a lo largo del tiempo y el uso, manteniendo la distorsión al nivel de los sistemas convencionales, aunque con un SPL mucho mayor.

The UX-30A was designed for use in live applications. It makes use of an innovative and unique transducer based on the patented M-Force® moving magnet linear motor structure. Unparalleled performance in terms of power handling, electromagnetic conversion, and maximum SPL are a few of the innovative features and improvements with respect to the conventional moving coil arrangement.

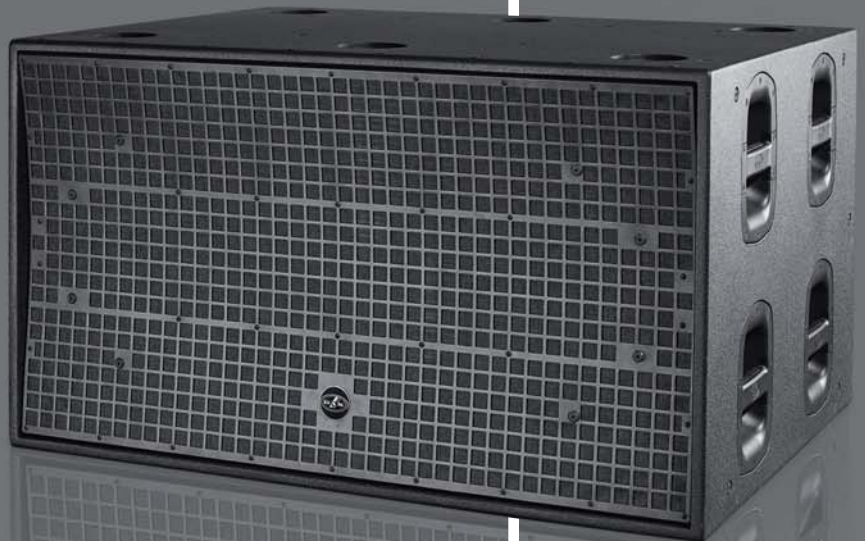
The motor system is driven by a ultra high power Class D amplifier module which is no less impressive than the motor design. Amazing figures in terms of both output voltage (310 Vpeak) and current capabilities (200 Apeak), the M-Drive® amplifier is capable of exploiting the full potential of the M-Force®. The DPC® (Differential Pressure Control) is a powerful active acoustic processing tool which controls and enhances the performance of the system.

THE REVOLUTION

Breaking the rules and establishing a revolution in loudspeaker components, the moving magnet motor of the UX-30A blows away the conventional physical concepts behind speaker design. Instead of the traditional moving coil inside a magnetic field, a set of high power neodymium magnets move in linear fashion driving a spectacular 30" high density polyethylene cone.

This ground-breaking moving magnet motor/cone assembly provides the UX-30A with an exceptionally high SPL. Equivalent to four 18" or two 21" loudspeakers, the UX-30A's enclosure is not much bigger than that of a single double 18" subwoofer, saving vital truck space and reducing weight during transportation. Power compression is non-existent in the motor design and the high performance in terms of electromagnetic conversion, power handling and reliability make the UX-30A professional audio's most unique and powerful subwoofer system.

The UX-30A is driven by a specially dedicated Class D switch mode amplifier with DPC (Differential Pressure Control) technology. The DPC provides consistency in the system's performance over time and use, maintaining distortion at the level of conventional systems, albeit with a much higher SPL.





CONTROL Y MONITORIZACIÓN REMOTOS / REMOTE MONITORING AND CONTROL

El Aero 20A permite realizar el control y monitorización remotos utilizando el sistema de gestión de audio DASnet™ diseñado para recintos autoamplificados y procesadores. El rack opcional DASnet™ permite gestionar la señal de audio, monitorizar el sistema y controlar datos, así como suministrar potencia eléctrica a diferentes zonas.

The Aero 20A is DASnet™ capable, allowing for remote monitoring and control by way of DASnet™, the audio management application for D.A.S. powered cabinets and processors.

The optional DASnet™ rack provides a convenient way to route audio, monitoring and control data as well as power to different zones.



DASnet™ RACK



æro Powered Array

æro 12A

æro 20A

æro 40A

LX-118A

LX-218CA / LX-218CRA

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

UX-218A/UX-218RA

UX-221A

UX-30A



aero 12A

Line array autoamplificado dos vías
Bi-amplificación Clase D 500 W LF + 100 W HF
1 x altavoz de neodimio D.A.S. de 12"
Motor de neodimio M-75N con salida de 1,5"
Guía de ondas BPS-9010 Serpis de aluminio
Sistema de volado integrado en la caja

Powered two-way line array system
Class D bi-amplification 500 W LF + 100 W HF
1 X 12" D.A.S. neodymium loudspeaker
M-75N 1.5" exit neodymium compression driver
Injected aluminum Serpis BPS-9010 waveguide
Captive rigging system



aero 20A

Advanced Line Array Sytem ALAS™
Bi-amplificación Clase D 800 W LF + 400 W
Potente DSP con filtros FIR Brickwall
Gestión y monitoreo remotos por medio de DASnet™
Sistema de ensamblaje rápido que facilita el volado/apilado
1 x altavoz de neodimio D.A.S. de 12"
Motor de neodimio M-75N con salida de 1,5"
Guía de ondas de aluminio Serpis BPS-1912

Advanced Line Array System ALAS™
Powered two-way line array
Bi-amplified Class D 800 W LF + 400 W HF
Powerful DSP with Brickwall FIR Filters
Remote monitoring and control via DASnet™
Quick-rig system for easy rigging/stacking
1 x D.A.S. 12" neodymium loudspeaker
1 x M-75N 1.5" exit neodymium compression driver
Proprietary BPS-1912 Serpis aluminum waveguide



aero 40A

Advanced Line Array System ALAS™
Triamplificación Clase D de 3ª generación
1000 W LF + 500 W MF + 500 W HF
Potente DSP con filtros FIR Brickwall
Gestión y monitoreo remotos por medio de DASnet™
1x altavoz de neodimio D.A.S. de 12"
1 x altavoz de neodimio D.A.S. de 8"
2 motores de neodimio M-75N con salida de 1,5"
Guía de ondas de aluminio Serpis BPS-2912

Advanced Line Array System ALAS™
3rd generation Class D tri-amplification
1000 W LF + 500 W MF + 500 W HF
Powerful DSP with Brickwall FIR Filters
Remote monitoring and control via DASnet™
1 x 12" D.A.S. neodymium magnetic loudspeaker
1 x 8" D.A.S. neodymium magnetic loudspeaker
2 x M-75N 1.5" exit neodymium compression drivers
Injected aluminum Serpis BPS-2912 waveguide



aero 20A-120

Versión Aero 20A ALAS™ con dispersión horizontal de 120°
Bi-amplificación Clase D 800 W LF + 400 W
Potente DSP con filtros FIR Brickwall
Gestión y monitoreo remotos por medio de DASnet™
Sistema de ensamblaje rápido que facilita el volado/apilado
1 x altavoz de neodimio D.A.S. de 12"
Motor de neodimio M-75N con salida de 1,5"

120° horizontal dispersion version of the Aero 20A ALAS™
Powered two-way line array
Bi-amplified Class D 800 W LF + 400 W HF
Powerful DSP with Brickwall FIR Filters
Remote monitoring and control via DASnet™
Quick-rig system for easy rigging/stacking
1 x D.A.S. 12" neodymium loudspeaker
1 x M-75N 1.5" exit neodymium compression driver



LX-218CA / LX-218CRA

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

Sistema subgraves autoamplificado de altas prestaciones
Amplificador 2400 W Clase D
Gestión y monitoreo remotos por medio de DASnet™ (.net version)
2 x altavoces D.A.S. 18LXN de larga excursión
Construcción en madera contrachapado de abedul
Acabado pintura alta resistencia ISO-flex
Configuración tipo bass-reflex
Versión "R" con sistema de volado integrado

Powered high performance subwoofer system
2400 W Class "D" amplifier
DASnet™ remote monitoring and control capable (.net version)
2 x 18LXN long-excursion D.A.S. loudspeakers
Birch plywood construction, black ISO-flex coating
Bass Reflex configuration
"R" version with integrated rigging system



LX-118A

Sistema subgraves line array autoamplificado
Amplificador 1200 W continuo clase D con fuente alimentación universal
Monitoreo y control remotos via DASnet™
Selección preajuste cardioide DASnet™
Selección preajuste filtro pasa-bajos
Sistema colgado integrado ultra rápido
Compatible con Aero 20A

Arrayable powered subwoofer system
1200W continuous Class D amplifier with universal mains
Remote Monitoring and Control via DASnet™
DASnet™ cardioid preset selection
DASnet™ Low Pass filter selection
Captive ultra fast rigging hardware
Compatible with aero 20A





UX-218A/UX-218RA

Subgraves autoamplificado de alta potencia
Amplificación Clase D 2 x 1700 Wcontinuos
Equipado con sistema de comunicación DASnet™
Dos altavoces de neodimio D.A.S. 18" de nuevo diseño
Sólida construcción en contrachapado de abedul
Configuración "cross-fire" de los altavoces
Versión RA equipada con sistema de volado (imagen versión RA)

Powered high output low frequency system
Class D amplification with 2 x 1700 Wcontinuous power
DASnet™ ready for remote communications and control
Two newly designed 18" neodymium loudspeakers
Solid Birch plywood construction
Speaker mounted in a "cross-fire" configuration
RA version with factory installed rigging hardware (RA shown)



UX-221A

Subgraves de alta potencia ultra bajas frecuencias
Dos altavoces de neodimio de 21" con bobina de 6"
Impresionante excursión de 60 mm
Amplificación Clase D 2 x 3400 Wcontinuos
Equipado con sistema de comunicación DASnet™
Sólida construcción en contrachapado de abedul de 21 mm
Reproducción potente y controlada de graves

High power ultra low frequency system
Twin 21" neodymium loudspeakers with 6" voice coils
Impressive 60 mm peak-to-peak excursion
Powerful 2 x 3400 Wcontinuous Class D amplifier
DASnet™ ready for remote communications and control
Solid 21 mm Birch plywood construction
Powerful and controlled bass reproduction



UX-30A

Sistema subgrave autoamplificado
Cono de polietileno de alta densidad de 30"
Diseño único de motor lineal con imán móvil
Amplificador de altísima potencia con 7500 Wcontinuos
Control Diferencial de Presión (DPC®)
Equipado con sistema de comunicación DASnet™
Recinto altamente reforzado para su uso en giras
Incomparables prestaciones en relación a sistemas convencionales

Powered subwoofer system
Single 30" high density polyethylene cone
Unique moving magnet linear motor design
7500 Wcontinuous ultra high power amplifier design
Differential Pressure Control®
DASnet™ ready for remote communications and control
Highly reinforced cabinet design for road use
Unmatched performance compared to conventional systems

Externally Powered Array

æro 50

LX-218C/LX-218CR

UX-218

UX-221





aero 50

Line array tres vías de gran formato
 2 x altavoces de neodimio D.A.S. de 15"
 4 x altavoces de neodimio D.A.S. de 8"
 2 x motores de neodimio D.A.S. M-75N con salida de 1.5"
 Sistema de volado integrado en la caja
 Plataforma de transporte en el panel frontal

Three-way large-format line array
 2 x 15" D.A.S. neodymium loudspeakers
 4 x 8" D.A.S. neodymium loudspeakers
 2 x D.A.S. M-75N neodymium compression drivers with 1.5" exit
 Captive rigging system integrated in the cabinet design
 Detachable front dolly panel



A50rack

Amplificadores de potencia en racks para sistemas Aero 50
 2 opciones de amplificación: D.A.S./Powersoft
 2 opciones de procesador digital: DSP-2060A/DSP-4080
 Distribuidor de energía de 32 A con LEDs activos
 Robusto rack con espuma interior de alta densidad
 Ruedas de 100 mm con frenos

Racked power amplifiers for Aero 50 systems
 2 amplifier options D.A.S./Powersoft
 Digital signal processor options DSP-2060A/DSP-4080
 32 A power distro with fase active LEDs
 Solid rack construction with high density foam interior
 100 mm casters with brakes



UX-218/UX-218R

Sistema de bajas frecuencias de gran rendimiento
 Dos altavoces de neodimio D.A.S. 18" de nuevo diseño
 Sólida construcción en contrachapado de abedul
 Configuración "cross-fire" de los altavoces
 Versión RA equipada con sistema de volado

High output low frequency system
 Two newly designed 18" neodymium loudspeakers
 Solid Birch plywood construction
 Speaker mounted in a "cross-fire" configuration
 RA version with factory installed rigging hardware



LX-218C / LX-218CR

Sistema subgraves de altas prestaciones
 2 x altavoces D.A.S. 18" de larga excursión
 Madera contrachapado abedul
 Acabado pintura alta resistencia ISO-flex
 Configuración tipo bass-reflex
 Versión "R" con sistema de volado integrado

High performance subwoofer system
 2 x 18" long excursion D.A.S. loudspeakers
 Birch plywood construction, black ISO-flex coating
 Bass Reflex configuration
 "R" version with integrated rigging system



UX-221

Sistema de ultra bajas frecuencias de alta potencia
 Dos altavoces de neodimio de 21" con bobina de 6"
 Sólida construcción en contrachapado de abedul de 21 mm
 Reproducción de graves potente y controlado

High power ultra low frequency system
 Twin 21" neodymium loudspeakers with 6" voice coils
 Solid 21 mm Birch plywood construction
 Impressive 60 mm peak-to-peak excursion
 Powerful and controlled bass reproduction

Powered

Model	aero 12A	aero 20A	aero 20A-120
Nominal LF Power Amplifier	1000 Wpeak - 500 Wcontinuous	1600 Wpeak - 800 Wcontinuous	1600 Wpeak - 800 Wcontinuous
Nominal MF Power Amplifier	---	---	---
Nominal HF Power Amplifier	200 Wpeak - 100 Wcontinuous	800 Wpeak - 400 Wcontinuous	800 Wpeak - 400 Wcontinuous
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: 4.9 V (+16 dBu)	Line: 4.9 V (+16 dBu)
Frequency Range (-10 dB)	63 Hz - 20 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90° Nominal	90° Nominal	120° Nominal
Vertical Coverage	Splay Angle Dependent	Splay Dependent	Splay Dependent
Rated Maximum Peak SPL at 1 m ⁽²⁾	134 dB	136 dB	135 dB
Transducers/Replacement Parts	LF: 1 x 12LN4C/GM 12P4 HF: 1 x M-75N/GM M-75N	LF: 1 x 12AN4/GM 12AN4 HF: 1 x M-75N/GM M-75N	LF: 1 x 12AN4/GM 12AN4 HF: 1 x M-75N/GM M-75N
Enclosure Geometry	Trapezoidal 7°	Trapezoidal 3,5°	Trapezoidal 3,5°
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	Integrated in box design 0°-3° (0.5° steps), 3°-10° (1°steps)	Integrated in box design	Integrated in box design
Connectors	INPUT: Female XLR LOOP THRU: Male XLR	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON Audio + Data LOOP THRU: etherCON	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON Audio + Data LOOP THRU: etherCON
(DASnet™ Version)	---	AC INPUT: powerCON AC OUTPUT: powerCON TRUE1	AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1
(DASnet™ Version)	---	AC INPUT: powerCON AC OUTPUT: powerCON	AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1
AC Power Requirements	3.4 A, 115 V, 50 Hz/60 Hz 1.7 A, 230 V, 50 Hz/60 Hz	3.6 A, 115 V, 50 Hz/60 Hz 1.8 A, 230 V, 50 Hz/60 Hz	3.6 A, 115 V, 50 Hz/60 Hz 1.8 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	31.6 x 68.8 x 38.5 cm 12.4 x 27 x 15.2 in	31.7 x 64.7 x 44.3 cm 12.4 x 25.2 x 17.3 in	31.7 x 64.7 x 44.3 cm 12.4 x 25.2 x 17.3 in
Weight	27 kg 59.4 lb	34.5 kg 75.9 lb	34.5 kg 75.9 lb
Accessories	AX-aero12S2 Rigging System AXS-aero12 Stacking Base AX-Combo12 Rigging Adapter PL-12S Steel Stacking Dolly Pick-up AX-aero12S2	AX-aero20 Rigging System AXS-aero20 Stacking Support AX-Combo2040 Rigging Adapter AX-118S20 DASnet Rack FUN-4Aero20A Cover PL-20S Stacking Dolly Pick-Up AX-aero20	AX-aero20 Rigging System AXS-aero20 Stacking Support AX-Combo2040 Rigging Adapter AX-118S20 DASnet Rack FUN-4Aero20A Cover PL-20S Stacking Dolly Pick-Up AX-aero20
Model	LX-118A	LX-218CA / LX-218CRA / LX-218CA.net / LX-218CRA.net	UX-218A/UX-218RA
Nominal LF Power Amplifier	2400 Wpeak - 1200 Wcontinuous	4800 Wpeak - 2400 Wcontinuous	2 x 3400 Wpeak - 2 x 1700 Wcontinuous
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line: 20 kohms	Line: 20 kohms	20 kohms
Sensitivity	Line: 6.2 V (+18 dBu)	Line: 1.95 V (+8 dBu)	Line: 4.9 V (+16 dBu)
Frequency Range (-10 dB) ⁽¹⁾	33 Hz - 120 Hz	28 Hz - 100 Hz	28 Hz - 125 Hz
Rated Maximum Peak SPL at 1 m ⁽²⁾	135 dB	142 dB	143 dB
Transducers/Replacement Parts	LF: 1 x 18LXN/GM 18LX	LF: 2 x 18LXN/GM 18LX	LF: 2 x 18UXN4/GM 18UXN4
Enclosure Geometry	Rectangular	Rectangular	Rectangular
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	Integrated in box design	Ground Stackable Integrated in box design (RA)	Ground Stackable Integrated in box design (RA)
Connectors	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR
(DASnet™ Version)	Audio + Data INPUT: etherCON	Audio + Data INPUT: etherCON	Audio + Data INPUT: etherCON
(DASnet™ Version)	Audio + Data LOOP THRU: etherCON AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1	Audio + Data LOOP THRU: etherCON AC INPUT: powerCON AC OUTPUT: powerCON	Audio + Data OUTPUT: etherCON AC INPUT: powerCON TRUE 1 AC OUTPUT: powerCON TRUE 1
AC Power Requirements	4.0A, 115 V, 50 Hz/60 Hz 2.0A, 230 V, 50 Hz/60 Hz	85 V - 270 V 50 Hz/60 Hz with PFC 6.2 A, 115 V/3.1 A, 230 V	Universal Mains 85-230 V 9 A at 115 V, 4.5 A at 230 V
Dimensions (H x W x D)	50 x 65 x 81 cm 19.7 x 25.6 x 31.9 in	55 x 128 x 63.2 cm 55 x 135 x 69.6 cm (RA) 22 x 51 x 24.9 in 22 x 54 x 27.4 in (RA)	51.4 x 95.2 x 101 cm 51.4 x 101 x 101 cm (RA) 20.1 x 37.4 x 39.7 in 20.1 x 39.7 x 39.7 in (RA)
Weight	47 kg 104 lb	80.5 kg/171.1 lb 99.5 kg/218.9 lb (RA)	92 kg/202.4 lb 134 kg/294.8 lb (RA)
Accessories	AX-LX118S2 Rigging System AX-118S20 Rigging Adapter Pick-up AX-aero20 PL-118S Stacking Dolly	AX-aero50 Rigging System (RA) AX-Combo12 Rigging Adapter (RA) KITR-LX218C Rigging Hardware Kit KITW-100 Caster Kit Pick-up AX-aero50 PL-LX218C Dolly Panel (RA included) PL-218CS Flat Bed Dolly	ANL-2 Eye Bolt AX-UX218 Rigging System (RA) FUN-2UX218 Cover FUN-3UX218 Cover PL-UX218S Stacking Dolly PL-UX218RS Stacking Dolly (RA) Pick-up AX-aero40S2

Notes:

1. Frequency range measured with Low Pass filter set up at 125 Hz. Amplifier includes Variable Low pass filter from 100 Hz to 160 Hz (except LX-218CA).

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

aéro 40A

2000 Wpeak - 1000 Wcontinuous
 1000 Wpeak - 500 Wcontinuous
 1000 Wpeak - 500 Wcontinuous
 Balanced Differential Line
 Line: 20 kohms
 Line: 6.2 V (+18 dBu)
 60 Hz - 20 kHz
 90° Nominal
 Splay Dependent
 138 dB
 LF: 1 x 12GNRC/GM 12G
 MF: 1 x 8AN4/GM 8AN4
 HF: 2 x M-75N/GM M-75N
 Trapezoidal 3,5°
 Birch Plywood
 Black/ISO-flex Paint
 Integrated in box design

Audio INPUT: Female XLR
 Audio LOOP THRU: Male XLR
 Audio + Data INPUT: etherCON
 Audio + Data L OOP THRU: etherCON
 AC INPUT: powerCON TRUE1
 AC OUTPUT: powerCON TRUE1
 6.0 A, 115 V, 50 Hz/60 Hz
 3.0 A, 230 V, 50 Hz/60 Hz
 31.5 x 94.2 x 40 cm
 12.4 x 37.1 x 15.75 in

68 kg
 149.6 lb
 AX-aero40S3 Rigging System
 AXS-aero40 Stacking Base
 DASnet Rack
 FUN-aero40A Cover
 FUN-4aero40A Cover
 PL-40S Steel Stacking Dolly
 Pick-up AX-aero40S2

UX-221A

2 x 6800 Wpeak - 2 x 3400 Wcontinuous
 Balanced Differential Line
 Line: 20 kohms
 Line: 4.9 V (+16 dBu)
 28 Hz - 125 Hz
 145 dB
 LF: 2 x 21UXN/GM 21UXN
 Rectangular
 Birch Plywood
 Black/ISO-flex Paint
 Ground Stackable
 Rigging Points
 Audio INPUT: Female XLR
 Audio LOOP THRU: Male XLR
 Audio + Data INPUT: etherCON
 Audio + Data OUTPUT: etherCON
 AC INPUT: powerCON TRUE1

Universal Mains 85 - 230 V
 18.4 A at 115 V, 9.2 A at 230 V
 60 x 120 x 110 cm
 23.6 x 47.2 x 43.3 in

150 kg
 330 lb
 ANL-2 Eye Bolt
 FUN-2UX221 Cover
 PL-221S Stacking Dolly

UX-30A

15000 Wpeak - 7500 Wcontinuous
 Balanced Differential Line
 20 kohms
 Line: 4.9 V (+16 dBu)
 28 Hz - 125 Hz
 145 dB
 LF: 1 x M-Force 30
 Rectangular
 Birch Plywood
 Black/ISO-flex Paint
 Ground Stackable
 Audio INPUT: Female XLR
 Audio LOOP THRU: Male XLR
 Audio + Data INPUT: etherCON
 Audio + Data OUTPUT: etherCON
 AC INPUT: powerCON TRUE 1

Universal Mains 85 - 230 V
 12.4 A at 115 V, 6.2 A at 230 V
 61 x 105 x 79.5 cm
 24 x 41.3 x 31.3 in

111 kg
 244 lb
 AX-SF2 Joining Plate
 FUN-2UX30 Cover
 PL-30S Stacking Dolly

Externally Powered

Model	æro 50
Frequency Range (-10 dB)	45 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90° Nominal
Vertical Coverage	Play Angle Dependent
RMS (Average) Power Handling ⁽¹⁾	LF: 2 x 700 W MF: 700 W HF: 300 W
On-Axis Sensitivity 1 W/1 m	LF: 99 dB SPL MF: 104 dB SPL HF: 112 dB SPL
Rated Maximum Peak SPL at 1 m ⁽²⁾	LF: 136 dB MF: 139 dB HF: 141 dB
Transducers/Replacement Parts	LF: 2 x 15GNR/GM 15G MF: 4 x 8MN/GM 8MN HF: 2 x M-75N/GM M-75N
Nominal Impedance	LF: 8+8 ohms MF: 8 ohms HF: 16 ohms
Recommended Amplifier Power	A50rack_1 (6 x aero 50) 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 0°-3.2° (0.8° steps), 3.2°-9.6° (1.6° steps)
Connectors	2 x NL8 speakON wired LF1±1, LF2±2, MF±3, HF±4
Dimensions (H x W x D)	47.5 x 135 x 62.7 cm 18.7 x 53.1 x 24.7 in
Weight	85 kg (187 lb)
Accessories	AX-aero50 Rigging System AX-Combo12 Rigging PL-50 Dolly panel (included)

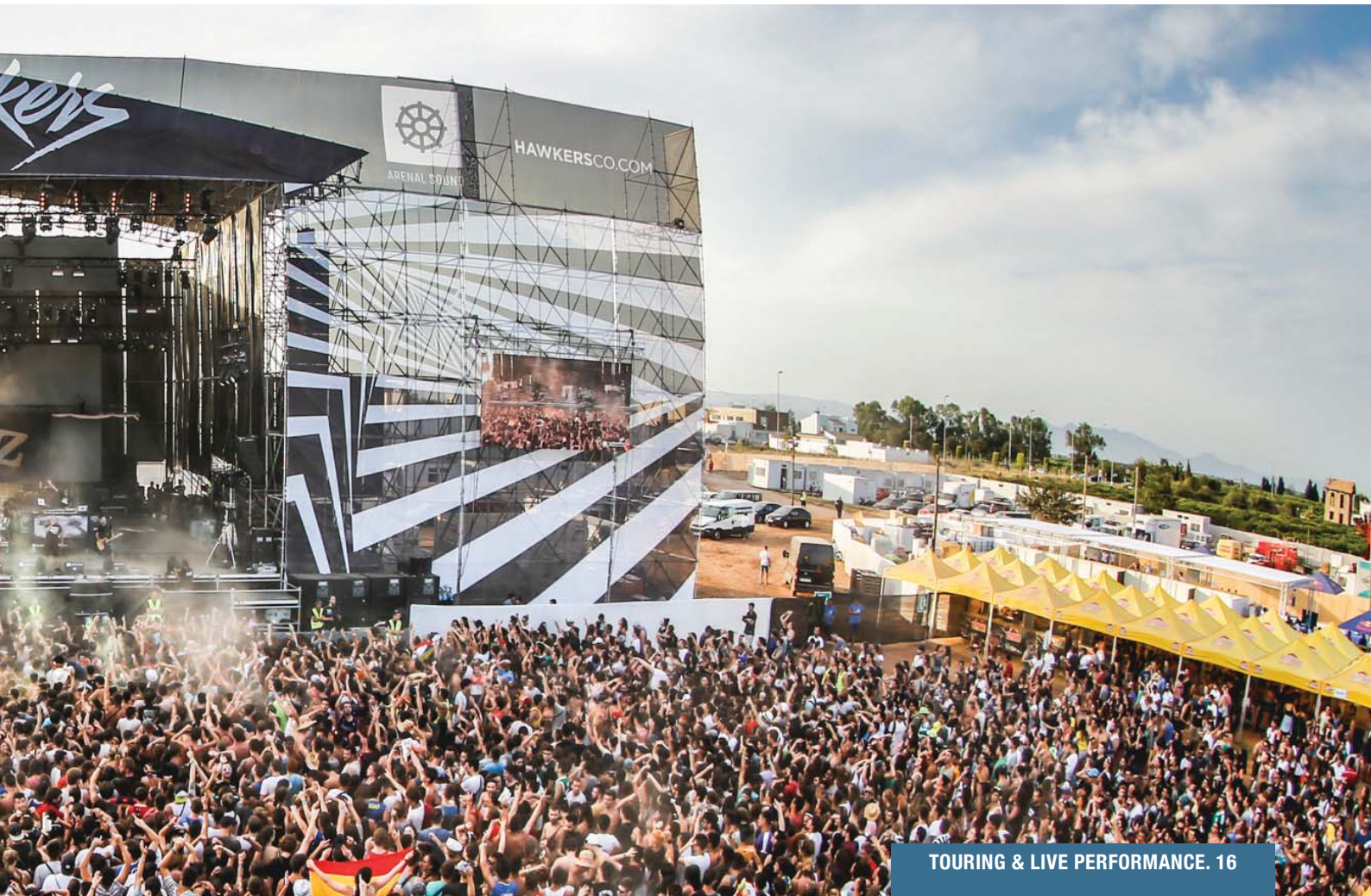
Model	A50rack_1	A50rack_2
Drive Capabilities	6 x Aero 50	12 x Aero 50
Amplifiers	3 x D.A.S. D100	6 x Powersoft K6DSP
Power/Channel (each amplifier)	4 x 2800 W @ 4 ohms	2 x 3600 W @ 2 ohms
Processors	D.A.S. DSP-2060A or DSP-4080	Powersoft AESOP
Power Distro	A50_Distro1, 32 A, 400 V 3 "Phase Active" LEDS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

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.
 3. Four different Low Pass Filter Settings are recommended, 63Hz, 80Hz, 95Hz and 110Hz.
 4. Frequency range measured with Low Pass filter set up at 95Hz. Amplifier includes four different Low Pass Filters (63Hz, 80Hz, 95Hz, 110Hz)

Photo courtesy Arenal Sound



Model	LX-218C/LX-218CR	UX-218/UX-218R	UX-221
Frequency Range (-10 dB)	28 Hz - 100 Hz	28 Hz - 125 Hz	28 - 125 Hz
RMS (Average) Power Handling ⁽¹⁾	2000 W	2200 W	2 x 2000 W
On-Axis Sensitivity 1 W/1 m	103 dB SPL	103 dB SPL	104 dB SPL
Rated Maximum Peak SPL at 1 m ⁽²⁾	142 dB	143 dB	145 dB ⁽³⁾
Transducers/Replacement Parts	2 x 18LXN/GM 18LX	LF: 2 x 18UXN/GM 18UXN	LF: 2 x 21UXN4/GM 21UXN4
Nominal Impedance	4 ohms	4 ohms	2 x 4 ohms
Recommended Amplifier Power	2400 W @ 4 ohms	3600 W @ 4 ohms	2 x 2800 W @ 4 ohms (1 unit UX-221)
Enclosure Geometry	Rectangular	Rectangular	Rectangular
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	Ground Stackable Integrated in box design (R)	Ground Stackable Integrated in box design (R)	Ground Stackable
Connectors	2 X NL8 speakON wired ±1	4 X NL4 speakON wired ±1	4 X NL4 speakON wired ±1
Dimensions (H x W x D)	55 x 128 x 63.2 cm 55 x 135 x 69.6 cm (R) 22 x 51 x 24.9 in 22 x 54 x 27.4 in (R)	51.4 x 95.2 x 101 cm 51.4 x 101 x 101 cm (R) 20.1 x 37.4 x 39.7 in 20.1 x 39.7 x 39.7 in (R)	60 x 120 x 110 cm 23.6 x 47.2 x 43.3 in
Weight	78.5 kg/176.1 lb 94.5 kg/207.9 lb (R)	87 kg/191.4 lb 129 kg/283.8 lb (R)	130 kg (286 lb)
Accessories	AX-aero50 Rigging System (R) AX-Combo12 Rigging Adapter (R) KITR-LX218C Rigging Hardware Kit KITW-100 Caster Kit Pick-up AX-aero50 PL-LX218C Dolly Panel (R included) PL-218CS Flat Bed Dolly	ANL-2 Eye Bolt AX-UX218 Rigging System (R) FUN-2UX218 Cover FUN-3UX218 Cover PL-UX218S Stacking Dolly PL-UX218RS Stacking Dolly (R)	ANL-2 Eye Bolt FUN-2UX221 Cover PL-221S Stacking Dolly





—road series—

Los monitores de escenario Road han sido diseñados para apoyar la actuación del artista y asegurar, con ello, el éxito del evento. La serie emplea una configuración de dos vías autoamplificadas. Y el recinto, de dimensiones compactas, 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

Monitor escenario autoamplificado de bajo perfil
 Bi-amplificación Clase D 550 W LF + 220 W HF
 1 x altavoz D.A.S. 12"
 1 x motor de compresión M-75
 Panel de conectores y LEDS escondidos
 Versiones derecha-izquierda
 Gestión y monitoreo remotos vía DASnet™ (versión .net)

Powered low-profile stage monitor system
 Class D bi-amplification 550 W LF + 220 W HF
 1 x D.A.S. 12" loudspeaker
 1 x M-75 compression driver
 Hidden connector panel and LEDS
 Right and left hand versions
 Remote monitoring and control via DASnet™ (.net version)



road 15A / road 15A.net

Monitor escenario autoamplificado de bajo perfil
 Bi-amplificación Clase D 550 W LF + 220 W HF
 1 x altavoz D.A.S. 15"
 1 x motor de compresión M-75
 Panel de conectores y LEDS escondidos
 Versiones derecha-izquierda
 Gestión y monitoreo remotos vía DASnet™ (versión .net)

Powered low-profile stage monitor system
 Class D bi-amplification 550 W LF + 220 W HF
 1 x D.A.S. 15" loudspeaker
 1 x M-75 compression driver
 Hidden connector panel and LEDS
 Right and left hand versions
 Remote monitoring and control via DASnet™ (.net version)

Model	<i>road 12A / road 12A.net</i>	<i>road 15A / road 15A.net</i>
Nominal LF Amplifier Power	1100 Wpeak - 550 Wcontinuous	1100 Wpeak - 550 Wcontinuous
Nominal HF Amplifier Power	440 Wpeak - 220 Wcontinuous	440 Wpeak - 220 Wcontinuous
Input Type	Balanced	Balanced
Input Impedance	Line: 20 kohms	Line: 20 kohms
Sensitivity	Line: 1.55 V (+6 dBu)	Line: 1.55 V (+6 dBu)
Frequency Range (-10 dB)	55 Hz - 23 kHz	47 Hz - 23 kHz
Rated Maximum Peak SPL at 1 m ⁽¹⁾	134 dB	134 dB
Nominal -6 dB Beamwidths	40° x 60°	40° x 60°
Enclosure Material	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint
Transducers/Replacement Parts	LF: 12R4/GM 12P4 HF: M-75/GM M-75N	LF: 15R4/GM 15R4 HF: M-75/GM M-75N
Connectors	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON
(.net version)	Audio + Data LOOP THRU: etherCON	Audio + Data LOOP THRU: etherCON
(.net version)	AC INPUT: powerCON AC OUTPUT: powerCON	AC INPUT: powerCON AC OUTPUT: powerCON
(.net version)	AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1	AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1
AC Power Requirements	3.4 A, 115 V, 50 Hz/60 Hz 1.7 A, 230 V, 50 Hz/60 Hz	3.4 A, 115 V, 50 Hz/60 Hz 1.7 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	32.4 x 64.8 x 42 cm 12.8 x 25.5 x 16.5 in	37.1 x 74.7 x 48 cm 14.6 x 29.4 x 18.9 in
Weight	23.5 kg (51.7 lb)	27.3 kg (60 lb)
Accessories	TRD-2 Speaker Stand TRD-6 Pole Mount	TRD-2 Speaker Stand TRD-6 Pole Mount

Notes:

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

event series

Más D.A.S. que nunca...

Los sistemas 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 Event Line Arrays put the world acclaimed D.A.S. performance within 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.



40Pop Valencia, Spain

Model	<i>event 208A</i>	<i>event 210A</i>	<i>event m210A</i>	<i>event 218A</i>
Nominal LF Power Amplifier	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	3600 Wpeak - 1800 Wcontinuous
Nominal MF Power Amplifier	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	---
Nominal HF Power Amplifier	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	---
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms
Sensitivity	Line: 6.2 V (+18 dBu)	Line: 6.2 V (+18 dBu)	Line: 6.2 V (+18 dBu)	Line: 1.95 V (+8 dBu)
Frequency Range (-10 dB)	75 Hz - 20 kHz	70 Hz - 20 kHz	70 Hz - 20 kHz	32 Hz - 125 Hz
Horizontal Coverage (-6 dB)	90° Nominal	90° Nominal	60° Nominal	---
Vertical Coverage	Splay Dependent	Splay Dependent	Vertical: 20° up/30° down	---
Rated Maximum Peak SPL at 1 m ⁽¹⁾	132 dB	134 dB	132 dB	140 dB
Transducers/Replacement Parts	LF: 1 x 8CM4/GM 8CM4 MF: 1 x 8CM4/GM 8CM4 HF: 1 x M-75/GM 75	LF: 1 x 10Mi4/GM 10Mi4 MF: 1 x 10Mi4/GM 10Mi4 HF: 1 x M-75/GM 75	LF: 10Mi4/GM 10Mi4 LMF: 10Mi4/GM 10Mi4 HF: M-60/GM M-60	LF: 2 x 18LX/GM 18LX
Enclosure Geometry	Trapezoidal 5°	Trapezoidal 5°	Wedge	Rectangular
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	Integrated in box design	Integrated in box design	---	---
Connectors	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON AC OUTPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON AC OUTPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON AC OUTPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON AC OUTPUT: powerCON
AC Power Requirements	2.6 A, 115 V, 50/60 Hz 1.3 A, 230 V, 50/60 Hz	3.0 A, 115 V, 50/60 Hz 1.5 A, 230 V, 50/60 Hz	3.0 A, 115 V, 50/60 Hz 1.5 A, 230 V, 50/60 Hz	6.0 A, 115 V, 50/60 Hz 3.0 A, 230 V, 50/60 Hz
Dimensions (H x W x D)	27 x 67 x 36.6 cm 10.6 x 26.4 x 14.4 in	27 x 73 x 36.6 cm 10.6 x 28.7 x 14.4 in	33.6 x 64.8 x 45.7 cm 13.23 x 25.51 x 17.99 in	54 x 106 x 67 cm 21.3 x 41.7 x 26.4 in
Weight	30 kg (66 lb)	34 kg (74.8 lb)	24.5 kg (53.9 lb)	70 kg (154 lb)
Accessories	AX-event208 Rigging System AXC-ZT Stand Adapter AXS-event208 Stacking Base FUN-4event208 Cover Pick-Up AX-event208 PL-event208S Steel Stacking Dolly TRD-2 Tripod Stand TRD-6 Pole Mount	AX-event210 Rigging System AXC-ZT Stand Adapter AXS-event210 Stacking Base FUN-4event210 Cover Pick-Up AX-event210 PL-event210S Steel Stacking Dolly TRD-2 Tripod Stand TRD-6 Pole Mount		FUN-2-event218 Cover PL-event218S Stacking Dolly TRD-6 Pole Mount

Notes:

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



event 208A

Line array tres vías autoamplificado
 Ligero amplificador Clase D
 Componentes DSP de alta gama
 Sistema configuración Easy-DSP™
 2 x altavoces D.A.S. 8" en configuración doble-banda
 1 x motor D.A.S. M-75
 Recinto de abedul de alta calidad
 Acabado alta durabilidad ISO-flex
 Sistema profesional de volado rápido

Powered 3-way line array system
 Light-weight Class D amplifier topology
 High-end DSP chipsets
 Easy-DSP™ Interface for fast setup
 2 x D.A.S. 8" loudspeakers in dual band configuration
 1 x D.A.S. M-75 compression driver
 Top grade Birch cabinet construction
 Robust quick-rig professional rigging hardware



event 210A

Line array tres vías autoamplificado
 Ligero amplificador Clase D
 Componentes DSP de alta gama
 Sistema configuración Easy-DSP™
 2 x altavoces D.A.S. 10" en configuración doble-banda
 1 x motor D.A.S. M-75
 Recinto de abedul de alta calidad
 Acabado alta durabilidad ISO-flex
 Sistema profesional de volado rápido

Powered 3-way line array system
 Light-weight Class D amplifier topology
 High-end DSP chipsets
 Easy-DSP™ Interface for fast setup
 2 x D.A.S. 10" loudspeakers in dual band configuration
 1 x D.A.S. M-75 compression driver
 Top grade Birch cabinet construction
 Robust quick-rig professional rigging hardware



event m210A

Monitor tres vías autoamplificado
 Ligero amplificador Clase D
 Componentes DSP de alta gama
 2 x altavoces D.A.S. 10" en configuración doble-banda
 1 x motor D.A.S. M-60
 Difusor de dispersión vertical asimétrico 20°up/30°down
 Recinto de abedul de alta calidad
 Acabado alta durabilidad ISO-flex

Powered 3-way stage monitor
 Light-weight Class D amplifier topology
 High-end DSP chipsets
 2 x D.A.S. 10" loudspeakers in dual band configuration
 1 x D.A.S. M-60 compression driver
 Asymmetric vertical dispersion 20° up/30° down
 Top grade Birch cabinet construction
 Durable ISO-flex finish



event 218A

Subgraves autoamplificado alto rendimiento
 Amplificador 3600 Wpico Clase D
 2 x altavoces D.A.S. 18" con bobina de 4"
 Configuración tipo bass-reflex
 Acabado alta durabilidad ISO-flex

Powered high performance subwoofer
 3600 Wpeak Class D amplifier
 2 x D.A.S. 18" loudspeakers with 4" voice coils
 Front loaded bass-reflex configuration
 Durable ISO-flex finish



VANTEC SERIES

D.A.S. presenta la serie Vantec de sistemas portátiles. Ideal para cualquier aplicación que requiera gran sonido y facilidad de uso, la serie Vantec está disponible en versiones tanto pasivas como autoamplificadas. El DSP configurable con pantalla LCD, avanzada amplificación Clase D y transmisión inalámbrica de música, son algunas de las características que hacen de la Serie Vantec la elección perfecta.

D.A.S. presents the Vantec series of portable systems. Ideal for any application requiring great sound and ease-of-use, the Vantec Series is available in both powered and passive versions. User configurable DSP with LCD screen, advanced Class D amplification and wireless streaming of music are just a few of the features that make the Vantec Series the perfect choice.





VAITEC 12A / VAITEC 12

Sistema multipropósito autoamplificado
 Bi-amplificación Clase D 1500 W
 1 x altavoz D.A.S. de 12"
 1 x motor de compresión M-28
 DSP definible por el usuario con pantalla LCD
 Streaming inalámbrico de música
 Vaso para trípode con doble ángulo (0°/10°)
 Posición monitor escenario y puntos de volado
 Vantec 12 es la versión pasiva

Powered multi-purpose system
 Class D bi-amplification 1500 W
 1 X 12" D.A.S. loudspeaker
 1 x M-28 compression driver
 User definable DSP with LCD screen
 Wireless music streaming
 Dual angle pole mount 0°/10°
 Floor monitor position and rigging points
 Passive version is the Vantec 12



VAITEC 15A / VAITEC 15

Sistema multipropósito autoamplificado
 Bi-amplificación Clase D 1500 W
 1 x altavoz D.A.S. de 15"
 1 x motor de compresión M-28
 DSP definible por el usuario con pantalla LCD
 Streaming inalámbrico de música
 Vaso para trípode con doble ángulo (0°/10°)
 Posición monitor escenario y puntos de volado
 Vantec 15 es la versión pasiva

Powered multi-purpose system
 Class D bi-amplification 1500 W
 1 X 15" D.A.S. loudspeaker
 1 x M-28 compression driver
 User definable DSP with LCD screen
 Wireless music streaming
 Dual angle pole mount 0°/10°
 Rigging points
 Passive version is the Vantec 15



VAITEC 218A

Subgraves compacto autoamplificado
 Amplificador Clase D 2000 Wpeak
 2 x altavoz D.A.S. de 18"
 Selector EQ Deep-Loud
 Conmutador con función "Filtro/Loop Thru"
 Filtro pasa-bajos variable
 Control de ganancia
 Inversor de polaridad (0°-180°)

Powered compact subwoofer system
 Class D 4000 Wpeak amplifier
 2 x D.A.S. 18" loudspeaker
 Deep-Loud EQ selector
 Filtered output defeat switch
 Variable low-pass filter
 Gain control and polarity switch (0°-180°)



VAITEC 215A / VAITEC 215

Sistema amplia gama autoamplificado
 Tri-amplificación Clase D 2250 W
 2 x altavoz D.A.S. de 15"
 1 x motor de compresión M-28
 DSP definible por el usuario con pantalla LCD
 Streaming inalámbrico de música
 Puntos de volado
 Vantec 215 es la versión pasiva

Powered full-range system
 Class D tri-amplification 2250 W
 2 X 15" D.A.S. loudspeaker
 1 x M-28 compression driver
 User definable DSP with LCD screen
 Wireless streaming of music
 Rigging points
 Passive version is the Vantec 215



VAITEC 18A / VAITEC 18

Subgraves compacto autoamplificado
 Amplificador Clase D 2000 W
 1 x altavoz D.A.S. de 18"
 Selector EQ Deep-Loud
 Conmutador con función "Filtro/Loop Thru"
 Filtro pasa-bajos variable de 80-125 Hz
 Control de ganancia e inversor de polaridad (0°-180°)
 Vantec 18 es la versión pasiva

Powered compact subwoofer system
 Class D 2000 W amplifier
 1 x D.A.S. 18" loudspeaker
 Deep-Loud EQ selector
 Filtered output defeat switch
 Variable 80 -125 Hz low-pass filter
 Gain control and polarity switch (0°-180°)
 Passive version is the Vantec 18



Los sistemas Vantec incorporan un interfaz de DSP con mando giratorio y pantalla LCD situados en la parte trasera. Los usuarios pueden adaptar la sonoridad del sistema mediante una amplia gama de preajustes o personalizar la ecualización utilizando el EQ de tres bandas. Los sistemas incorporan también un mezclador multicanal, controles de nivel de entrada y salida, selección de filtros pasa-altos, retardo, expansor y recepción inalámbrica vía streaming de alta definición en mono o estéreo.

The Vantec systems incorporate a rotary-knob DSP interface and LCD screen on the rear of the cabinet. Users can adapt the system's voicing from a wide range of presets, or configure the equalization to their need using the Vantec's three band EQ. The systems also offer a multi-channel onboard mixer, input and output level controls, a selection of high-pass filters, delay, an expander and high-definition wireless streaming in mono or stereo.

POWERED

Model	VANTEC 12A	VANTEC 15A	VANTEC 215A	VANTEC 18A	VANTEC 218A
Nominal Amplifier Power	1500 Wpeak 750 Wcontinuous (Class D Bi-amplified)	1500 Wpeak 750 Wcontinuous (Class D Bi-amplified)	2250 Wpeak 1125 Wcontinuous (Class D Tri-amplified)	2000 Wpeak 1000 Wcontinuous (Class D)	4000 Wpeak 2000 Wcontinuous (Class D)
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential	Balanced Differential Line
Input Impedance	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms
Sensitivity	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)
Frequency Range (-10 dB)	60 Hz - 20 kHz	45 Hz - 20 kHz	40 Hz - 20 kHz	Loud: 35 Hz - 125 Hz Deep: 30 Hz - 125 Hz	Loud: 35 Hz - 125 Hz Deep: 30 Hz - 125 Hz
HF Horn Coverage Angles (-6 dB)	90° x 50°	90° x 50°	90° x 50°	----	----
Maximum Peak SPL at 1 m	135 dB	135 dB	138 dB	134 dB	140 dB
Transducers/Replacement Parts	LF: 12F4/GM 12F4 HF: M-28/M-28	LF: 15FV4/GM 15FV4 HF: M-28/M-28	LF: 2 x 15FV4/GM 15FV4 HF: M-28/M-28	LF: 18LX/GM 18LX	LF: 2 x 18LX/GM 18LX
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Connectors	INPUT: Female XLR Aux Input: 1/8" (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR Aux Input: 1/8" (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR Aux Input: 1/8" (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: 2 x Female XLR LOOP THRU: Male XLR AC INPUT: powerCON
AC Power Requirements	2,4A, 115 V, 50 Hz/60 Hz 1,2A, 230 V, 50 Hz/60 Hz	3 A, 115 V, 50 Hz/60 Hz 1,5 A, 230 V, 50 Hz/60 Hz	3 A, 115 V, 50 Hz/60 Hz 1,5 A, 230 V, 50 Hz/60 Hz	3 A, 115 V, 50 Hz/60 Hz 1,5 A, 230 V, 50 Hz/60 Hz	Universal Mains 85-230V 6A at 115V, 3A at 230V
Dimensions (H x W x D)	61 x 38 x 37.5 cm 24 x 15 x 14.8 in	71 x 44.4 x 37.5 cm 28 x 17.5 x 14.8 in	108 x 44.4 x 50.2 cm 42.5 x 17.5 x 19.8 in	71 x 54 x 65 cm 28 x 21.3 x 25.6 in	106 x 54 x 67 cm 41.7 x 21.3 x 26.4 in
Weight	21 kg (46.2 lb)	24 kg (52.8 lb)	41 kg (90.2 lb)	36 kg (79.2 lb)	72 kg (158.4 lb)
Accessories	ANL-2 Eye Bolt FUN-vantec12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-vantec15 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-vantec215 Cover	ANL-2 Eye Bolt FUN-vantec18 Cover TRD-6 Pole Mount	ANL-2 Eye Bolt TRD-6 Pole Mount

EXTERNALLY POWERED

Model	VANTEC 12	VANTEC 15	VANTEC 215	VANTEC 18
Peak Power Handling	2000 W	2000 W	4000 W	4000 W
RMS (Average) Power Handling	500 W	500 W	1000 W	1000 W
Frequency Range (-10 dB)	65 Hz - 20 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	45 Hz - 138 Hz
Nominal Impedance	8 ohms	8 ohms	4 ohms	8 ohms
On-axis Sensitivity 1 W/1 m	98 dB SPL	99 dB SPL	102 dB SPL	98 dB SPL
Maximum Peak SPL at 1 m	135 dB	135 dB	138 dB	134 dB
HF Horn Coverage Angles (-6 dB)	90° x 50°	90° x 50°	90° x 50°	----
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Transducers/Replacement Parts	LF: 12F/GM 12F HF: M-28/M-28	LF: 15FV/GM 15FV HF: M-28/M-28	LF: 2 x 15FV/GM 15FV HF: M-28/M-28	LF: 18LX/GM 18LX
Connectors	2 x NL4 speakON	2 x NL4 speakON	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	61 x 38 x 37.5 cm 24 x 15 x 14.8 in	71 x 44.4 x 37.5 cm 28 x 17.5 x 14.8 in	108 x 44.4 x 50.2 cm 42.5 x 17.5 x 19.8 in	71 x 54 x 65 cm 28 x 21.3 x 25.6 in
Weight	19 kg (41.8 lb)	22.8 kg (50.2 lb)	40 kg (88 lb)	35 kg (77 lb)
Accessories	ANL-2 Eye Bolt FUN-vantec12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-vantec15 Cover FUN-vantec215 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-vantec215 Cover	ANL-2 Eye Bolt FUN-vantec18 Cover TRD-6 Pole Mount



action series

Action es una serie que proporciona potencia y definición para un sonido profesional de éxito. Comparte con el resto de sistemas profesionales D.A.S. una excepcional calidad de sonido y una sólida construcción derivadas de la experiencia del "mundo real".

El resultado es un producto que ofrece un rendimiento extraordinario, una absoluta fiabilidad y una facilidad de uso sin precedentes. Unas cualidades que se pueden poner a prueba tanto en una instalación de alto nivel como sobre el escenario de un gran evento.

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 in a high-profile venue or a major event, the Action Series will provide the power and definition needed to make your performance a success.





action 8A / action 8

Sistema multipropósito autoamplificado
Bi-amplificación Clase D 720 W
1 x altavoz D.A.S. de 8"
1 x motor de compresión M-26
Reducido tamaño y bajo peso
Posición monitor escenario y puntos de volado
Action 8 es la versión pasiva

Powered multi-purpose system
Class D bi-amplification 720 W
1 X 8" D.A.S. loudspeaker
1 x M-26 compression driver
Reduced size and weight
Stage monitor position and rigging points
Passive version is the Action 8



action 12A / action 12

Sistema multipropósito autoamplificado
Bi-amplificación Clase D 1000 W
1 x altavoz D.A.S. de 12"
1 x motor de compresión M-34
Vaso estándar de 35 mm para trípode
Posición monitor escenario y puntos de volado
Action 12 es la versión pasiva

Powered multi-purpose system
Class D bi-amplification 1000 W
1 X 12" D.A.S. loudspeaker
1 x M-34 compression driver
Standard 35 mm pole mount socket
Stage monitor position and rigging points
Passive version is the Action 12



action M12A / action M12

Monitor escenario autoamplificado de bajo perfil
Bi-amplificación Clase D 1000 W
1 x altavoz D.A.S. 12"
1 x motor de compresión M-34
Selector EQ main/monitor
Control de ganancia y conmutador micro/línea
Action M12 es la versión pasiva

Powered low-profile stage monitor system
Class D bi-amplification 1000 W
1 x D.A.S. 12" loudspeaker
1 x M-34 compression driver
Main/Monitor EQ selector
Gain control and mic/line switch
Passive version is the Action M12



action 15A / action 15

Sistema multipropósito autoamplificado
Bi-amplificación Clase D 1000 W
1 x altavoz D.A.S. de 15"
1 x motor de compresión M-34
Vaso estándar de 35 mm para trípode
Posición monitor escenario y puntos de volado
Action 15 es la versión pasiva

Powered multi-purpose system
Class D bi-amplification 1000 W
1 X 15" D.A.S. loudspeaker
1 x M-34 compression driver
Standard 35 mm pole mount socket
Stage monitor position and rigging points
Passive version is the Action 15



action 215A / action 215

Sistema amplia gama autoamplificado
 Bi-amplificación Clase D 1000 W
 2 x altavoz D.A.S. de 15"
 1 x motor de compresión M-44
 Respuesta en graves poderosa
 Puntos de volado
 Action 215 es la versión pasiva

Powered full-range system
 Class D bi-amplification 1000 W
 2 X 15" D.A.S. loudspeaker
 1 x M-44 compression driver
 Powerful bass response
 Rigging points
 Passive version is the Action 215



action 18A / action 18

Subgraves compacto autoamplificado
 Amplificador Clase D 1500 W
 1 x altavoz D.A.S. de 18"
 Selector EQ Deep/Loud
 Conmutador con función Filtro/Loop Thru
 Filtro pasa-altos variable de 60-160 Hz
 Control de ganancia e inversor de polaridad
 Action 18 es la versión pasiva

Powered compact subwoofer system
 Class D 1500 W amplifier
 1 x D.A.S. 18" loudspeaker
 Deep/Loud EQ selector
 Filtered output defeat switch
 Variable 60-160 Hz high-pass filter
 Gain control and polarity switch
 Passive version is the Action 18



action 118A

Subgraves de bocina autoamplificado
 Amplificador Clase D 3200 W
 1 x altavoz D.A.S. de 18" larga excursión
 Selector EQ Deep/Loud
 Conmutador con función Filtro/Loop Thru
 Filtro pasa-altos variable de 80-125 Hz
 Control de ganancia e inversor de polaridad

Powered horn-bass subwoofer system
 Class D 3200 W amplifier
 1 x D.A.S. 18" long excursion woofer
 Deep/Loud EQ selector
 Filtered output defeat switch
 Variable 80-125 Hz high-pass filter
 Gain control and polarity switch



action 218A / action 218

Subgraves autoamplificado alto rendimiento
 Amplificador Clase D 3200 W
 2 x altavoces D.A.S. de 18"
 Selector EQ Deep-Loud
 Conmutador con función Filtro/Loop Thru
 Filtro pasa-altos variable de 100-160 Hz
 Control de ganancia e inversor de polaridad
 Action 218 es la versión pasiva

Powered high-performance subwoofer
 Class D 3200 W amplifier
 2 x D.A.S. 18" loudspeaker
 Deep-Loud EQ selector
 Filtered output defeat switch
 Variable 100-160 Hz high-pass filter
 Gain control and polarity switch
 Passive version is the Action 218

POWERED

Model	<i>action 8A</i>	<i>action 12A</i>	<i>action M12A</i>	<i>action 15A</i>
Power Amplifier	720 W (Class D Bi-amplified)	1000 W (Class D Bi-amplified)	1000 W (Class D Bi-amplified)	1000 W (Class D Bi-amplified)
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line: 20 kohms Mic: 20 kohms	Line: 20 kohms Mic: 20 kohms	Line: 20 kohms Mic: 20 kohms	Line: 20 kohms Mic: 20 kohms
Sensitivity	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)
Frequency Range (-10 dB)	60 Hz - 20 kHz	50 Hz - 20 kHz	60 Hz - 20 kHz	45 Hz - 20 kHz
HF Horn Coverage Angles (-6 dB)	80° x 80° (Rotatable)	80° x 50° (Rotatable)	80° x 50° (Rotatable)	80° x 50° (Rotatable)
Maximum Peak SPL at 1 m	120 dB	131 dB	130 dB	131 dB
Transducers/Replacement Parts	LF: 8B4/8B4 HF: M-26/GM M-26	LF: 12Mi/GM 12Mi HF: M-34/GM M-34	LF: 12Mi/GM 12Mi HF: M-34/GM M-34	LF: 15Mi/GM 15Mi HF: M-34/GM M-34
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Connectors	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON
AC Power Requirements	0.6 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	1.2 A, 115 V, 50 Hz/60 Hz 2.4 A, 230 V, 50 Hz/60 Hz	1.2 A, 115 V, 50 Hz/60 Hz 2.4 A, 230 V, 50 Hz/60 Hz	3.0 A, 115 V, 50 Hz/60 Hz 1.5 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	47.5 x 27.9 x 25.5 cm 18.7 x 11 x 10 in	65.3 x 37.8 x 32.4 cm 25.7 x 14.9 x 12.8 in	42 x 64.5 x 31.6 cm 16.6 x 25.4 x 12.5 in	77.4 x 44.6 x 43.6 cm 30.5 x 17.6 x 17.2 in
Weight	9.9 kg (21.8 lb)	20 kg (44 lb)	19 kg (41.8 lb)	26 kg (57.2 lb)
Accessories	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-AC8 U Bracket AXW-1 Wall Mount FUN-ACT-8 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-AC12 U-Bracket FUN-ACT-12 TRD-2 Speaker Stand TRD-6 Pole Mount	FUN-ACT-M12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-ACT-15 Cover TRD-2 Speaker Stand TRD-6 Pole Mount

EXTERNALLY POWERED

Model	<i>action 8</i>	<i>action 12</i>	<i>action M12</i>	<i>action 15</i>
Peak Power Handling	600 W	1200 W	1200 W	1400 W
RMS (Average) Power Handling ⁽¹⁾	150 W	300 W	300 W	350 W
Frequency Range (-10 dB)	60 Hz - 20 kHz	50 Hz - 20 kHz	63 Hz - 20 kHz	47 Hz - 20 kHz
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms
On-axis Sensitivity 1 W/1 m	92 dB SPL	96 dB SPL	95 dB SPL	96 dB SPL
Maximum Peak SPL at 1 m	120 dB	131 dB	130 dB	131 dB
HF Horn Coverage Angles (-6 dB)	80° x 80°	80° x 50° (Rotatable)	80° x 50° (Rotatable)	80° x 50° (Rotatable)
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Transducers/Replacement Parts	LF: 8B/8B HF: M-26/GM M-26	LF: 12Mi/GM 12Mi HF: M-34/GM M-34	LF: 12Mi/GM 12Mi HF: M-34/GM M-34	LF: 15Mi/GM 15Mi HF: M-34/GM M-34
Connectors	2 x NL4 speakON	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 18.7 x 11 x 10 in	65.3 x 37.8 x 32.4 cm 25.7 x 14.9 x 12.8 in	42 x 64.5 x 31.6 cm 16.6 x 25.4 x 12.5 in	77.4 x 44.6 x 43.6 cm 30.5 x 17.6 x 17.2 in
Weight	8.4 kg (18.5 lb)	18.5 kg (40.7 lb)	17.5 kg (38.5 lb)	24.5 kg (53.9 lb)
Accessories	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-AC8 U Bracket AXW-1 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-AC12 U-Bracket FUN-ACT-12 TRD-2 Speaker Stand TRD-6 Pole Mount	FUN-ACT-M12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-ACT-15 Cover TRD-2 Speaker Stand TRD-6 Pole Mount

Notes:

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

Model	<i>action 215A</i>	<i>action 18A</i>	<i>action 118A</i>	<i>action 218A</i>
Power Amplifier	1000 W (Class D Bi-amplified)	1500 W (Class D)	3200 W (Class D)	3200 W (Class D)
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line: 20 kohms Mic: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms
Sensitivity	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)
Frequency Range (-10 dB)	45 Hz - 20 kHz	35 Hz - 160 Hz (variable LPF)	Loud: 50 Hz - 125 Hz Deep: 45 Hz - 125 Hz	Loud: 40 Hz - 160 Hz Deep: 35 Hz - 160 Hz
HF Horn Coverage Angles (-6 dB)	80° x 50° (Rotatable)	---	---	---
Maximum Peak SPL at 1 m	134 dB	133 dB	137 dB	140 dB
Transducers/Replacement Parts	LF: 2 x 15Mi4/GM 15Mi4 HF: M-44/GM M-44	LF: 18H/GM 18G	LF: 1 x 18LX/GM 18LX	LF: 2 x 18H4/GM 18H4
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Connectors	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: IEC	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON
AC Power Requirements	3.6 A, 115 V, 50 Hz/60 Hz 1.8 A, 230 V, 50 Hz/60 Hz	3.0 A, 115 V, 50 Hz/60 Hz 1.5 A, 230 V, 50 Hz/60 Hz	3.6 A, 115 V, 50/60 Hz 1.8 A, 230 V, 50/60 Hz	5.4 A, 115 V, 50 Hz/60 Hz 2.7 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	115.4 x 44.7 x 47.4 cm 45.5 x 17.6 x 18.7 in	62.4 x 54 x 65 cm 24.6 x 21.3 x 25.6 in	79.1 x 69.0 x 56.7 cm 31.14 x 27.17 x 22.32 in	106.7 x 54 x 67 cm 42 x 21.3 x 26.4 in
Weight	40 kg (88 lb)	36.5 kg (80.3 lb)	55 kg (121 lb)	63 kg (138.6 lb)
Accessories	ANL-2 Eye Bolt FUN-ACT-215 Cover	FUN-ACT-18 Cover TRD-6 Pole Mount	TRD-6 Pole Mount	FUN-ACT-218 Cover TRD-6 Pole Mount

Model	<i>action 215</i>	<i>action 18</i>	<i>action 218</i>
Peak Power Handling	2800 W	2400 W	4800 W
RMS (Average) Power Handling ⁽¹⁾	700 W	600 W	1200 W
Frequency Range (-10 dB)	47 Hz - 20 kHz	33 Hz - 160 Hz	29 Hz - 160 Hz
Nominal Impedance	4 ohms	8 ohms	4 ohms
On-axis Sensitivity 1 W/1 m	99 dB SPL	96 dB SPL	99 dB SPL
Maximum Peak SPL at 1 m	134 dB	133 dB	139 dB
HF Horn Coverage Angles (-6 dB)	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: 2 x 15Mi/GM 15Mi HF: M-44/GM M-44	LF: 18H/GM 18G	LF: 2 x 18H/GM 18G
Connectors	2 x NL4 speakON	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	115.4 x 44.7 x 47.4 cm 45.5 x 17.6 x 18.7 in	62.4 x 54 x 65 cm 24.6 x 21.3 x 25.6 in	106.7 x 54 x 67 cm 42 x 21.3 x 26.4 in
Weight	38.5 kg (83.6 lb)	34.5 kg (75.9 lb)	61 kg (134.2 lb)
Accessories	ANL-2 Eye Bolt FUN-ACT-215 Cover	FUN-ACT-18 Cover TRD-6 Pole Mount	FUN-ACT-218 Cover TRD-6 Pole Mount



DR-500 series

La serie DR 500, especialmente indicada para pequeños espacios, está compuesta por sistemas de bajo peso presentados con un atractivo diseño. Se ofrece en configuraciones con altavoces de 8", 12" y 15" para que cada usuario elija el tamaño que mejor se adecue a sus necesidades. Para solistas y para grupos, en recitales o en conferencias, la serie DR 500 se adapta a numerosas aplicaciones que requieren una solución completa de refuerzo de sonido.

The DR 500 series of products are 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 fits their needs. Especially appropriate in small spaces, they suit any application requiring a complete sound reinforcement solution. Solo musicians, keyboard based groups, and applications such as recitals and conferences will benefit from the unique features of the DR 500 series.

POWERED

Model	DR-508A	DR-512A	DR-515A
Power Amplifier	1000 W _{peak} 500 W _{continuous} (Class D Bi-amplified)	1000 W _{peak} 500 W _{continuous} (Class D Bi-amplified)	1000 W _{peak} 500 W _{continuous} (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 ⁽¹⁾	122 dB	131 dB	131 dB
Transducers/Replacement Parts	LF: 8C/GM 8C HF: M-34/GM M-34	LF: 12Mi/GM 12Mi HF: M-34/GM M-34	LF: 15Mi/GM 15Mi HF: M-34/GM M-34
Enclosure Material	Polypropylene	Polypropylene	Polypropylene
Color/Finish	Black	Black	Black
Connectors	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON
AC Power Requirements	2.4 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	2.4 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	3.0 A, 115 V, 50 Hz/60 Hz 1.5 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	45 x 30 x 30 cm 18 x 12 x 12 in	62 x 40 x 37 cm 24 x 16 x 14.5 in	71 x 46 x 42 cm 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 AX-M Wall Mount FUN-DS-108 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-1 Eye Bolt AX-115 Wall Mount FUN-DS-112 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-1 Eye Bolt AX-115 Wall Mount FUN-DS-115 Cover TRD-2 Speaker Stand TRD-6 Pole Mount

Notes:

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

**DR-508A / DR-508**

Sistema multipropósito autoamplificado
 Bi-amplificación Clase D 1000 Wpico
 1 x altavoz D.A.S. de 8" ¹
 1 x motor de compresión M-34
 Ligero recinto de polipropileno
 Posición monitor escenario y puntos de volado
 DR-508 es la versión pasiva

Powered multi-purpose system
 Class D bi-amplification 1000 Wpeak
 1 X 8" D.A.S. loudspeaker
 1 x M-34 compression driver
 Lightweight polypropylene enclosure
 Stage monitor position and rigging points
 Passive version is the DR-508

**DR-512A / DR-512**

Sistema multipropósito autoamplificado
 Bi-amplificación Clase D 1000 Wpico
 1 x altavoz D.A.S. de 12" ¹
 1 x motor de compresión M-34
 Ligero recinto de polipropileno
 Posición monitor escenario y puntos de volado
 DR-512 es la versión pasiva

Powered multi-purpose system
 Class D bi-amplification 1000 Wpeak
 1 X 12" D.A.S. loudspeaker
 1 x M-34 compression driver
 Lightweight polypropylene enclosure
 Stage monitor position and rigging points
 Passive version is the DR-512

**DR-515A / DR-515**

Sistema multipropósito autoamplificado
 Bi-amplificación Clase D 1000 Wpico
 1 x altavoz D.A.S. de 15" ¹
 1 x motor de compresión M-34
 Ligero recinto de polipropileno
 Posición monitor escenario y puntos de volado
 DR-515 es la versión pasiva

Powered multi-purpose system
 Class D bi-amplification 1000 Wpeak
 1 X 15" D.A.S. loudspeaker
 1 x M-34 compression driver
 Lightweight polypropylene enclosure
 Stage monitor position and rigging points
 Passive version is the DR-515

EXTERNALLY POWERED

Model	<i>DR-508</i>	<i>DR-512</i>	<i>DR-515</i>
Peak Power Handling	800 W	1200 W	1400 W
RMS (Average) Power Handling ⁽²⁾	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 ⁽³⁾	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 HF: M-34/GM M-34	LF: 12Mi/GM 12Mi HF: M-34/GM M-34	LF: 15Mi/GM 15Mi 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 18 x 12 x 12 in	62 x 40 x 37 cm 24 x 16 x 14.5 in	71 x 46 x 42 cm 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 AX-108 Wall Mount AX-M Wall Mount FUN-DS-108 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-1 Eye Bolt AX-115 Wall Mount FUN-DS-112 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-1 Eye Bolt AX-115 Wall Mount FUN-DS-115 Cover TRD-2 Speaker Stand TRD-6 Pole Mount



City Beats, Salzburg, Austria

SOUND FORCE

La serie Sound Force ha sido diseñada para ofrecer un sonido excepcional, una potencia fuera de lo común y un aspecto impactante, requisitos claves en las discotecas actuales de alto nivel. La escalabilidad ofrecida por la serie Sound Force brinda a los diseñadores de sonido para clubs un amplio rango de configuraciones. Incluye sistemas de medios-agudos, amplia gama y opciones en subgraves, lo que permite su adaptación a las necesidades individuales de cualquier local.

Diseñada para ofrecer prestaciones y fiabilidad, construida para cumplir con los estándares más exigentes. Sound Force de D.A.S. Audio. La primera opción para los clubs más selectos de todo el mundo.

The Sound Force Series of systems has been designed for today's high-level dance venues where exceptional sound, imposing power and impressive looks are key requisites.

The scalability of the Sound Force Series provides club sound designers with a wide range of configurations. Comprising mid-high, full-range, and subwoofer options, the Sound Force Series can be adapted to the individual needs of the venue.

Designed for performance and reliability, built to exacting standards-Sound Force by D.A.S. Audio. The first choice for high-level dance clubs worldwide.





SF-10

1 x altavoz de bajas frecuencias 10P
 1 x motor de compresión M-60N
 Posicionamiento vertical/horizontal
 Difusor rotable 110° x 50°
 Anclajes de rosca para soporte VESA-75/VESA-100

1 x 10P low frequency loudspeaker
 1 x M-60N compression driver
 Rotatable 110° x 50° horn
 Vertical or horizontal positioning
 VESA-75/VESA-100 standard threaded mounting points



SF-26

2 x altavoces de bajas frecuencias 6P
 1 x motor de compresión M-34
 Posicionamiento vertical/horizontal
 Difusor rotable 80° x 80°
 Anclajes de rosca para soporte VESA-75/VESA-100

2 x 6P low frequency loudspeakers
 1 x M-34 compression driver
 80° x 80° horn
 Vertical or horizontal positioning
 VESA-75/VESA-100 standard threaded mounting points



SF-112

1 x 12" rango medio con carga de bocina
 1 x motor de compresión de neodimio M-75N
 2 x tweeter de bala para muy altas frecuencias
 Colores personalizables opcionalmente
 Accesorios específicos para apilado y volado
 1 x 12" horn loaded mid-range
 1 x M-75N neodymium compression driver
 2 x bullet tweeters for brilliant HF reproduction
 Optional custom color schemes
 Specific hardware for rigging and stacking



SF-158

Sistema de amplia gama 3 vías
 1 x altavoz 15GNR en configuración pasa-banda
 1 x altavoz de medios 8AN con carga de bocina
 1 x motor de compresión M-75N
 Selector modo de operación pasivo/biamplicado
 Ángulos de cobertura estrecha 40° x 30°
 Difusor rotable para posición horizontal o vertical
 Three-way full-range system
 1 x 15GNR bass loudspeaker in band-pass enclosure
 1 x 8AN" horn loaded mid-range loudspeaker
 1 x M-75N neodymium compression driver
 Selectable passive/biampified operating modes
 Tight 40° x 30° coverage angles
 Rotatable horn for vertical or horizontal positioning



SF-215

2 x altavoz de graves 15GNR
 Recinto con diseño elegante
 Configuración pasa banda
 Colores personalizables opcionalmente
 Accesorios específicos para apilado y volado
 2 x 15GNR loudspeakers for tight bass
 Elegant cabinet design
 Band-pass configuration
 Optional custom color schemes
 Specific hardware for rigging and stacking



SF-30A

Sistema subgrave autoamplificado
 Cono de polietileno de alta densidad de 30"
 Diseño único de motor lineal con imán móvil
 Amplificador de altísima potencia con 7500 Wcontinuos
 Control Diferencial de Presión (DPC®)
 Equipado con sistema de comunicación DASnet™
 Incomparables prestaciones en relación a sistemas convencionales

Powered subwoofer system
 Single 30" high density polyethylene cone
 Unique moving magnet linear motor design
 7500 Wcontinuous ultra high power amplifier design
 Differential Pressure Control®
 DASnet™ ready for remote communications and control
 Unmatched performance compared to conventional systems

SF-221

Sistema de ultra bajas frecuencias de alta potencia
 Dos altavoces de neodimio de 21" con bobina de 6"
 Sólida construcción en contrachapado de abedul de 21 mm
 Reproducción de graves potente y controlado

High power ultra low frequency system
 Twin 21" neodymium loudspeakers with 6" voice coils
 Solid 21 mm Birch plywood construction
 Impressive 60 mm peak-to-peak excursion
 Powerful and controlled bass reproduction

EXTERNALLY POWERED

Model	SF-10	SF-26
Peak Power Handling	1600 W	1600 W
RMS (Average) Power Handling ⁽¹⁾	400 W	400 W
Frequency Range (-10 dB)	55 Hz - 20 kHz	60 Hz - 20 kHz
Nominal Impedance	8 ohms	16 ohms
On-axis Sensitivity 1 W/1 m	96 dB SPL	93 dB SPL
Maximum Peak SPL at 1 m	128 dB	125 dB
HF Horn Coverage Angles (-6 dB)	110° x 50°	80° x 80°
Enclosure Material	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint
Transducers/Replacement Parts	LF: 10P/GM 10P HF: M-60N/GM M-60N	LF: 2 x 6P/6P HF: M-34/GM M-34
Connectors	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	60.5 x 29 x 34.5 cm 23.8 x 11.4 x 13.6 in	54.5 x 19.5 x 25.5 cm 21.4 x 7.7 x 10 in
Weight	11 kg (24.2 lb)	9 kg (19.8 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXW-3 Wall Mount AXF-A510 Ceiling Bracket AXU-A510 U Bracket AXR-A500 Rigging Plate	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXR-A500 Rigging Plate AXU-A526 U Bracket AXW-1 Wall Mount

EXTERNALLY POWERED

Model	SF-112	SF-158	SF-215	SF-221
Peak Power Handling	2000 W	LF: 2800 W, MF/HF: 1400 W (Bi-amp mode)	5600 W	2 x 8000 W
RMS (Average) Power Handling ⁽¹⁾	500 W	LF: 700 W, MF/HF: 350 W (Bi-amp mode)	1400 W	2 x 2000 W
Frequency Range (-10 dB) ⁽²⁾	80 Hz - 20 kHz	70 Hz - 20 kHz	60 Hz - 250 Hz	28 Hz - 125 Hz
Nominal Impedance	8 ohms	8 ohms	4 ohms	2 x 4 ohms
Crossover Modes	Passive/Bi-amp	Bi-amp/Tri-amp	Passive	Passive
On-axis Sensitivity 1 W/1 m	109 dB SPL	106 dB SPL	102 dB SPL	104 dB SPL
Rated Maximum Peak SPL at 1 m ⁽³⁾	142 dB	140 dB	134 dB	145 dB
HF Horn Coverage Angles (-6 dB)	90° x 50°	40° x 30°	---	---
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging points	20 x M10 threaded hardware	20 x M10 threaded hardware	20 x M10 threaded hardware	26 x M10 threaded hardware
Transducers/Replacement Parts	LF: 1 x 12HQ/GM 12HQ HF: M-75N /GM-M75 VHF: 2 x TW1/GM-TW1	LF: 1 x 15GNR/GM 15G MF: 8MN/GM 8MN HF: M75N/GM-M75	LF: 2 x 15GNR/GM 15G	LF: 2 x 21UXN4/GM 21UXN4
Connectors	2 x NL4 speakON	2 x NL8 speakON	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	112.4 x 74 x 52 cm 44.5 x 29 x 20.5 in	98 x 61 x 58.5 cm 38.6 x 24 x 23 in	112.4 x 45.4 x 53.4 cm 44.3 x 18 x 21 in	60 x 120 x 110 cm 23.6 x 47.2 x 43.3 in
Weight	58 kg (128 lb)	76 kg (167 lb)	59 kg (130 lb)	130 kg (286 lb)
Accessories	ANL-2 AX-SF112VA AX-SF3 AX-SF1	ANL-2 AX-SF2158	ANL-2 AX-SF1 AX-SF3 AX-SF2215	ANL-2 AX-SF2 AX-SF1 AX-SF2215

Notes:

1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise.
2. In Bi-amp mode, with recommended active settings.
3. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

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SF-Monitor

El SF-Monitor (SF-M) es un sistema monitor DJ autoamplificado diseñado por D.A.S. para los mejores DJ's del mundo. El impresionante SF-Monitor comprende la unidad de medios-agudos autoamplificada SF-20A, disponible en versiones derecha-izquierda (SF-20AR/SF-20AL) para una simetría acústica en la cabina del DJ, y el SF-1521A ACTV-Hybrid Sub™, un innovador sistema de bajas frecuencias de dos vías. Un sistema de apilado permite montar el SF-20A sobre el subgrave SF-1521A y angular según las preferencias del DJ. Tanto el SF-20A como el SF-1521A se pueden gestionar mediante el sistema de control y monitorización remoto DASnet™.

El SF-Monitor es un verdadero sistema "plug-and-play". La señal de audio puede ser enviada directamente al SF-1521A desde la mesa del DJ y puentado al SF-20A gracias a los preajustes en cada sistema, que permiten alinearlos sin la necesidad de un DSP externo.

The SF-Monitor (SF-M) is a powered DJ monitor system designed by D.A.S. for discerning DJ's world-wide. The impressive SF-Monitor comprises the SF-20A powered mid-high unit available in right and left hand versions (SF-20AR/SF-20AL) for acoustic symmetry in the DJ booth, and the SF-1521A ACTV-Hybrid Sub™, an innovative two-way low frequency system. Specially designed stacking hardware allows the SF-20A to be mounted on the SF-1521A subwoofer and angled according to the DJ's preference. Both the SF-20A and the SF-1521A are DASnet™ capable, allowing for remote monitoring and control of the systems.

The SF-Monitor is a true plug-and-play system. The audio signal can be sent to the SF-1521A directly from the DJ mixer and then looped to the SF-20A thanks to the system presets located on the SF-20A and SF-1521A which align the two units without the need of an external DSP.

ACTV
Hybrid Sub™

DASnet™



SF-20A

El SF-20A es un sistema autoamplificado de medios-agudos que ofrece un sonido de alta definición y forma parte del sistema SF-Monitor. El SF-20A también puede ser utilizado individualmente para cubrir las zonas no alcanzadas por el sistema Sound Force principal. El rango medio incorpora el altavoz de neodimio optimizado 12AN4, que le proporciona una gran potencia y fiabilidad. La respuesta de agudos recae en un conjunto motor-guía de ondas que incluye el motor de compresión de neodimio M-75N. Dos ensamblajes de aluminio adosados al frontal del recinto, alojan la guía de ondas de altas frecuencias y el asiento para el altavoz de 12". La trasera del SF-20A está dominada por un disipador de calor de aluminio en el que se aloja un potente amplificador Clase D y su electrónica asociada.

El sistema de montaje permite apilar y angular el SF-20A sobre el SF-1521A o suspender el SF-20A en instalaciones fijas.

The SF-20A is a high definition, powered mid-high unit which is part of the SF-Monitor system. The SF-20A can also be used individually to provide additional reach in areas not covered by the main Sound Force system. The mid-range incorporates the optimized 12AN4 neodymium loudspeaker providing high output and reliability. High frequency response relies on a compression driver-waveguide assembly which employs the M-75N neodymium compression driver. Two aluminum assemblies attached to the front of the cabinet comprise the high frequency waveguide and the carrier for the 12" woofer. The rear of the SF-20A is dominated by an aluminum heat sink housing the powerful Class D amplifier and related electronics.

The mounting system allows the SF-20A to be stacked and angled on the SF-1521A or flown in fixed installations.



SF-1521A

El SF-1521A ACTV-Hybrid Sub™ es un innovador sistema de subgraves autoamplificado de dos vías que forma parte del sistema SF-Monitor. El SF-1521A también puede utilizarse para ofrecer un impresionante refuerzo de subgraves en sistemas auxiliares. El SF-1521A emplea un altavoz 15GNR para la reproducción de medios-bajos hasta 200 Hz. En el rango de bajas frecuencias, ofrece una respuesta imponente por medio del altavoz 21UXN4, ideal para las aplicaciones más exigentes en grandes clubes y discotecas. Dispone de un amplificador de dos canales Clase D, que desarrolla 1700 W continuos por canal.

The SF-1521A ACTV-Hybrid Sub™ is a unique, two-way powered subwoofer system which is part of the SF-Monitor system. The SF-1521A can also be deployed for impressive low frequency reproduction in support systems. The SF-1521A employs the 15GNR loudspeaker for mid-bass reproduction up to 200 Hz. The extreme low end of the system's frequency response is handled by a single 21UXN4 loudspeaker ideal for demanding dance club applications. A Class D two channel amplifier developing 1700 W continuous per channel provides the power.



Model	SF-20AR/SF-20AL	SF-1521A ACTV ^{Hybrid Sub}
Nominal LF Power Amplifier	800 W (Class D)	2 x 3400 W _{peak} - 2 x 1700 W _{continuous}
Nominal HF Power Amplifier	400 W (Class D)	
Input type	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line: 20 kohms	Line: 20 kohms
Sensitivity	Line: 4.9 V (+16 dBu)	Line: 4.9 V (+16 dBu)
Frequency Range (-10 dB)	60 Hz - 20 kHz	28 Hz - 200 Hz
Horizontal Coverage (-6 dB)	90° Nominal	---
Vertical Coverage	Splay Dependent	---
Rated Maximum Peak at 1m	136 dB	141 dB
Transducers/Replacement Parts	LF: 1 x 12AN4/GM 12AN4 HF: 1 x M-75N/GM M-75N	LF1: 1 x 21UXN4/GM 21UXN4 LF2: 1 x 15GNR/GM 15G
Enclosure Geometry	Trapezoidal 3.5°	Rectangular
Enclosure Material	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System Splay Angles	Integrated in box design	---
Connectors	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON (DASnet™) Audio + Data OUTPUT: etherCON (DASnet™) AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON (DASnet™) Audio + Data OUTPUT: etherCON (DASnet™) AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1
AC Power Requirements	3.6 A, 115 V, 50 Hz/60 Hz 1.8 A, 230 V, 50 Hz/60 Hz	8 A, 115 V, 50 Hz/60 Hz 4 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	31.7 x 64.7 x 44.3 cm 12.4 x 25.5 x 17.4 in	106 x 61 x 75.3 cm 41.7 x 24 x 29.6 in
Weight	32 kg (70.4 lb)	102 kg (224 lb)
Accessories	JP-20 Joining Plate (Incl.)	JP-20 Joining Plate TRD-6 Pole Mount PL-SFMS Dolly

HQ series

La Serie HQ de D.A.S. ha sido diseñada para instalaciones de medio y gran tamaño como pabellones, estadios, auditorios y teatros. Los modelos HQ ofrecen un estrecho control sobre la cobertura y gran capacidad de potencia, permitiendo su uso individualmente o en configuraciones tipo array de unidades múltiples. Los recintos incluyen recubrimientos interiores y exteriores de última generación para mayor resistencia a la intemperie y mayor durabilidad en condiciones extremas.

The D.A.S. HQ series is designed for medium to large scale installations such as arenas, auditoriums, stadiums and theaters. The HQ models offer tightly controlled coverage patterns and high output capabilities being usable individually, or in multiple unit arrays. The series enclosures incorporate cutting-edge interior and exterior coatings for weather resistance and extended durability in extreme environments.

HQ-112.64

HQ-112.95

HQ-112.43

HQ-218



Model	HQ-112.43	HQ-112.64	HQ-112.95	HQ-218
Peak Power Handling	1600 W	1600 W	1600 W	8000 W
RMS (Average) Power Handling ¹	400 W	400 W	400 W	2000 W
Frequency Range (-10 dB) ²	80 Hz-18 kHz	80 Hz-18 kHz	80 Hz-18 kHz	50 Hz-125Hz
Nominal Impedance	8 ohms	8 ohms	8 ohms	4 ohms
Crossover Modes	Passive/Bi-amp	Passive/Bi-amp	Passive/Bi-amp	Passive
On-axis Sensitivity 1 W/ 1 m	111 dB SPL	110 dB SPL	109 dB SPL	101 dB SPL
Rated Maximum Peak SPL at 1 m ³	142 dB	141 dB	140 dB	140 dB
HF Horn Coverage Angles (-6 dB)	40° x 30° Rotatable	60° x 40° Rotatable	90° x 50° Rotatable	---
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass
Rigging points	20 x M10 threaded inserts	20 x M10 threaded inserts	20 x M10 threaded inserts	20 x M10 threaded inserts
Transducers/Replacement Parts	LF: 1 x 12HQ/GM 12HQ HF: M-78N/GM-M75	LF: 1 x 12HQ/GM 12HQ HF: M-78N/GM-M75	LF: 1 x 12HQ/GM 12HQ HF: M-78N/GM-M75	LF: 2 x 18LX/GM 18LX
Connectors	Covered Barrier Strip 2 x NL4 speakON	Covered Barrier Strip 2 x NL4 speakON	Covered Barrier Strip 2 x NL4 speakON	Covered Barrier Strip 2 x NL4 speakON
Dimensions (H x W x D)	98.7 x 68 x 71.5 cm 38.85 x 26.77 x 28.15 in	98.7 x 68 x 60 cm 38.85 x 26.77 x 23.62 in	98.7 x 68 x 60 cm 38.85 x 26.77 x 23.62 in	98.7 x 68 x 71.5 cm 38.85 x 26.77 x 28.15 in
Weight	56 kg 123.2 lb	51 kg 112.2 lb	51 kg 112.2 lb	67 kg 147.4 lb
Accessories	M10 Rigging Kit ANL-2	M10 Rigging Kit ANL-2	M10 Rigging Kit ANL-2	M10 Rigging Kit ANL-2

Notes:

1. Based on a 2 hour test continuously applying 6 dB crest factor pink noise.
2. In Bi-amp mode, with recommended active settings.
3. Maximum calculated Peak SPL based on sensitivity and RMS power handling.

WR series

La nueva serie WR "FX" de sistemas resistentes a la intemperie, ofrece una configuración flexible de sistemas que están tratados para resistir a la intemperie y prolongar su duración en medios ambientalmente extremos.

The WR "FX" series products offer flexible system configuration as well as special treatment for weather resistance and extended durability in extreme environments.

Model	WR-8826FX/TFX	WR-6412FX	WR-6415FX	WR-1215FX
Peak Power Handling	800 W	1600 W	1600 W	2400 W
RMS (Average) Power Handling ¹	200 W	400 W	400 W	600 W
Frequency Range (-10 dB)	70 Hz - 22 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	50 Hz - 125 Hz
Nominal Impedance	16 ohms	8 ohms	8 ohms	4 ohms passive 8 ohms biamp
Transformer Taps	50 W (100 V)	---	---	---
TFX Version	25 W (70 V)	---	---	---
On-axis Sensitivity 1 W/1 m	93 dB SPL	98 dB SPL	99 dB SPL	98 dB SPL
Rated Maximum Peak SPL at 1 m ²	122 dB	130 dB	131 dB	132 dB
HF Horn Coverage Angles (-6 dB)	80° x 80°	60° x 40° Rotatable	60° x 40° Rotatable	---
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Colour/Finish	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass
Transducers/Replacement Parts	LF: 2 x 6B/6B HF: M-1/M-1	LF: 12AV/GM 12P HF: M-75/GM M-75	LF: 15AV/GM 15P HF: M-75/GM M-75	12GX/GM 12GX
Connectors	Barrier Strip	Barrier Strip	Barrier Strip	Barrier Strip
Dimensions (H x W x D)	54.5 x 22.6 x 26.7 cm 21.5 x 8.9 x 10.5 in	70 x 39 x 39 cm 27.6 x 10.4 x 10.4 in	77 x 46.2 x 45.5 cm 30.3 x 18.2 x 17.9 in	70 x 39 x 39 cm 27.6 x 15.4 x 15.4 in
Weight	12 kg (26.5 lb)	24 kg (52.8 lb)	28 kg (61.6 lb)	24 kg (52.8 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-WR8826 U-Bracket AXW-1 Wall Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-WR6412 U-Bracket	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-WR6415 U-Bracket	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-WR6412 U-Bracket

Model	WR-1515FX	WR-320FX	WR-3225FX
Peak Power Handling	3200 W	2000 W	3200 W
RMS (Average) Power Handling ¹	800 W	500 W	800 W
Frequency Range (-10 dB)	45 Hz - 125 Hz	60 Hz - 20 kHz	37 Hz - 300 Hz
Nominal Impedance	4 ohms passive 8 ohms biamp	16 ohms	4 ohms
On-axis Sensitivity 1 W/1 m	101 dB SPL	99 dB SPL	99 dB SPL
Rated Maximum Peak SPL at 1 m ²	136 dB	132 dB	132 dB
HF Horn Coverage Angles (-6 dB)	---	90° x Splay Dependent	---
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Colour/Finish	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass	Black or White (W) FX Fiberglass
Transducers/Replacement Parts	15SX/GM 15SX	LF: 2 x 10Mi/GM 10Mi HF: M-75/GM M-75	LF: 2 x 12P/GM 12P
Connectors	Barrier Strip	Barrier Strip	Barrier Strip
Dimensions (H x W x D)	77 x 46.2 x 45.6 cm 30.3 x 18.2 x 18 in	27 x 70 x 36 cm 10.6 x 27.6 x 14.2 in	35.5 x 70 x 68.5 cm 14 x 27.6 x 27 in
Weight	28 kg (61.6 lb)	26.5kg (58.3 lb)	42.5 kg (93.5 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-WR6415 U-Bracket	ANL-2 Eye Bolt AX-WR300 JP-WR320	ANL-2 Eye Bolt AX-WR300 JP-WR320

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.



WR-8826FX/WR-8826TFX

Sistema 2 vías para instalación a la intemperie
 2 altavoces D.A.S. de 6"
 1 x motor de compresión con diafragma anular de 1"
 Acabado FX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje
 Versión con transformador de línea es WR-8826TFX

2-way system for outdoor installation
 2 x D.A.S. 6" loudspeakers
 1 x 1" annular diaphragm compression driver
 FX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories
 Version with line transformer is the WR-8826TFX



WR-6412FX

Sistema 2 vías para instalación a la intemperie
 1 x altavoz D.A.S. 12" con bobina de 3"
 1 x motor de compresión D.A.S. M-75
 Difusor rotable con dispersión 60° x 40°
 Acabado FX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje

2-way system for outdoor installation
 1 x D.A.S. 12" loudspeaker with 3" voice coil
 1 x D.A.S. M-75 compression driver
 Rotatable 60° x 40° horn design
 FX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories



WR-6415FX

Sistema 2 vías para instalación a la intemperie
 1 x altavoz D.A.S. 15" con bobina de 3"
 1 x motor de compresión D.A.S. M-75
 Difusor rotable con dispersión 60° x 40°
 Acabado FX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje

2-way system for outdoor installation
 1 x D.A.S. 15" loudspeaker with 3" voice coil
 1 x D.A.S. M-75 compression driver
 Rotatable 60° x 40° horn design
 FX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories



WR-121SFX

Sistema subgrave para instalación a la intemperie
 1 x D.A.S. 12" con bobina de 3"
 Acabado FX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje
 Fácil volado con WR-6412FX

Subwoofer system for outdoor installation
 1 x 12" loudspeaker with 3" voice coil
 FX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories
 Easy arraying with the WR-6412FX



WR-151SFX

Sistema subgrave para instalación a la intemperie
 1 x D.A.S. 15" con bobina de 4"
 Acabado FX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje
 Fácil volado con WR-6415FX

Subwoofer system for outdoor installation
 1 x 15" loudspeaker with 4" voice coil
 FX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories
 Easy arraying with the WR-6415FX



WR-320SFX

Line array de instalación fija
 2 x altavoces de bajas frecuencias 10MI, 2.5" VCD
 1 x motor de compresión D.A.S. M-75
 Acabado FX (fibra de vidrio) para exposición directa
 Sistema de suspensión para instalación fija
 Suspensión compatible con WR-322SFX

Installation Line Array
 2 x 10MI low frequency loudspeakers, 2.5" VCD
 1 x D.A.S. M-75 compression driver
 FX finish (Fiberglass) for direct exposure
 Rigging system for permanent installation
 Rigging compatible with the WR-322SFX



WR-322SFX

Sistema subgraves compacto bass-reflex
 1600 W programa de potencia
 2 x altavoces de bajas frecuencias 12P, 3" VCD
 Utilización en sistemas biamplificados
 Acabado FX (fibra de vidrio) para exposición directa
 Suspensión compatible con WR-320FX

Compact bass-reflex subwoofer system
 1600 W program power handling
 2 x 12P low frequency loudspeakers, 3" VCD
 For use in bi-amplified systems
 FX finish (Fiberglass) for direct exposure
 Rigging compatible with the WR-320FX

EN54-24 certified

Los sistemas D.A.S. con certificación EN54-24 son ideales para su uso en sistemas de evacuación o cualquier aplicación que requiera sonido de calidad, potente y claro. Gracias a su robustez y prestaciones certificadas bajo condiciones climáticas y mecánicas adversas, los modelos EN54-24 son adecuados para su uso en sistemas de evacuación por voz en condiciones extremas, tanto interiores como exteriores.

The D.A.S. EN54-24 certified speakers are ideal for use in life safety applications or anywhere clear, powerful high-quality audio is needed. Thanks to their robustness and certified performance under adverse climatic and mechanical conditions, the EN54-24 models are suitable for use in voice evacuation systems, both indoors or extreme outdoor environments.

American Airlines Arena, Miami, USA



Model	WR-8826	WR-6412	WR-6415
Nominal Power	200 W	300 W	300 W
On-axis Frequency Range (-10 dB)	70 Hz - 22 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz
Transformer Taps	---	---	---
Nominal Impedance	8 ohms	8 ohms	8 ohms
Minimum Impedance	6.7 ohms @ 8320 Hz	8.2 ohms @ 135 Hz	8 ohms @ 133 Hz
On-axis Sensitivity 1 W/4 m	75.3 dB	82.5 dB	82 dB
Measured Maximum SPL at 4 m	97.05 dB	106.7 dB	107 dB
Horizontal Coverage Angles (-6 dB) (500, 1 kHz, 2 kHz, 4 kHz)	194°, 123°, 108°, 85°	135°, 92°, 70°, 65°	120°, 84°, 60°, 60°
Vertical Coverage Angles (-6 dB) (500, 1 kHz, 2 kHz, 4 kHz)	85°, 35°, 35°, 75°	144°, 122°, 57°, 42°	127°, 105°, 54°, 40°
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Colour/Finish	CX: Black/Polyurea DX: Military Grey or Black/Fiberglass	CX: Black/Polyurea DX: Military Grey or Black/Fiberglass	CX: Black/Polyurea DX: Military Grey or Black/Fiberglass
Transducers/Replacement Parts	LF: 2 x 6B/6B HF: M-1/M-1	LF: 12AV/GM 12P HF: M-75/GM M-75	LF: 15AV/GM 15P HF: M-75/GM M-75
Environmental Type	Type B	Type B	Type B
Environmental Performance	EN 60529 IP56	EN 60529 IP54	EN 60529 IP56
Connector	Barrier strip	Barrier strip	Barrier strip
Dimensions (H x W x D)	54.5 x 22.6 x 26.7 cm 21.5 x 8.9 x 10.5 in	70 x 39 x 39 cm 27.6 x 10.4 x 10.4 in	77 x 46.2 x 45.5 cm 30.3 x 18.2 x 17.9 in
Net weight	10 kg (22 lb)	24 kg (52.8 lb)	28 kg (61.6 lb)
Optional Accessories	AXU-WR8826 U-Bracket AXW-1 Wall Mount	AXU-WR6412 U-Bracket	AXU-WR6415 U-Bracket
Model	VA-4T	VA-24T	æro 12
Nominal Power	45 W	100 W	250 W
On-axis Frequency Range (-10 dB)	90 Hz - 22 kHz	90 Hz - 22 kHz	62 Hz - 22 kHz
Transformer Taps	8 ohms/5 W/10 W/15 W @ 100 V 8 ohms/2.5 W/5 W/7.5 W @ 70 V	8 ohms/10 W/20 W/30 W @ 100 V 8 ohms/5 W/10 W/15 W @ 70 V	---
Nominal Impedance	6 ohms/1125 ohms/ 526 ohms/375 ohms	5.75 ohms/700 ohms/ 350 ohms/233 ohms	8 ohms
Minimum Impedance	4.8 ohms @ 11.5 kHz	4.6 ohms @ 9380 Hz	7.4 ohms @ 140 Hz
On-axis Sensitivity 1 W/4 m	72.4 dB	74.53 dB	81.4 dB
Measured Maximum SPL at 4 m	84.95 dB	88.77 dB	107 dB
Horizontal Coverage Angles (-6 dB) (500, 1 kHz, 2 kHz, 4 kHz)	360°, 182°, 113°, 84°	360°, 180°, 133°, 90°	132°, 91°, 95°, 91°
Vertical Coverage Angles (-6 dB) (500, 1 kHz, 2 kHz, 4 kHz)	360°, 165°, 107°, 80°	147°, 68°, 46°, 82°	144°, 84°, 40°, 20°
Enclosure Material	High Impact ABS	High Impact ABS	Birch Plywood
Colour/Finish	Black	Black	Black/Polyurea
Transducers/Replacement Parts	LF: 4G/4G HF: TWT-4/TWT-4	LF: 2 x 4G4/4G4 HF: TWT-24/TWT-24	LF: 1x 12LNC/GM 12P HF: 1x M-75N/GM M-75N
Environmental Type	Type B	Type B	Type B
Environmental Performance	EN 60529 IP54	EN 60529 IP54	EN 60529 IP33
Connector	Spring loaded terminals	Spring loaded terminals	Barrier strip
Dimensions (H x W x D)	21 x 14 x 14 cm 8.7 x 5.5 x 5.5 in	34 x 15 x 15 cm 17.7 x 5.9 x 5.9 in	31.6 x 68.8 x 38.5 cm 12.4 x 27 x 15.2 in
Net weight	1.6 kg (3.6 lb)	2.6 kg (5.7 lb)	27 kg (59.5 lb)
Optional Accessories	AXU-VA4 U-Bracket AXA-AC Cluster Support	AXU-VA24 U-Bracket AXA-AC Cluster Support	AX-aero12 Rigging Grid AX-Combo12 Rigging Adapter PL-12S Steel Dolly

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.
- * Nominal Power based on a 100h test using a 6 dB crest factor pink noise signal filtered according to the IEC 60268-1:1985 norm and band-pass filtered with Butterworth 24 dB/Oct filters from 89 Hz to 11.2 kHz.
- Sensitivity and Max SPL measured using a 6 dB crest factor pink noise, averaged from 100 Hz to 10 kHz in 1/3 Octave bands.
- Coverage measured from 500 Hz to 4 kHz in Octave bands.
- Measure SPL Obtained by integration over a period of at least 30s.



WR-8826

Certificado EN54-24 para sistemas de evacuación
 2 altavoces D.A.S. de 6"
 1 x motor de compresión con diafragma anular de 1"
 Acabado CX (Pintura ISO-flex) para exposición cubierta
 Acabado DX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje

EN54-24 certified voice alarm speaker
 2 x D.A.S. 6" loudspeakers
 1 x 1" annular diaphragm compression driver
 CX finish (ISO-flex paint) for covered exposure
 DX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories



WR-6412

Certificado EN54-24 para sistemas de evacuación
 1 x altavoz D.A.S. 12" con bobina de 3"
 1 x motor de compresión D.A.S. M-75
 Difusor rotable con dispersión 60° x 40°
 Acabado CX (Pintura ISO-flex) para exposición cubierta
 Acabado DX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje

EN54-24 certified voice alarm speaker
 1 x D.A.S. 12" loudspeaker with 3" voice coil
 1 x D.A.S. M-75 compression driver
 Rotatable 60° x 40° horn design
 CX finish (ISO-flex paint) for covered exposure
 DX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories



WR-6415

Certificado EN54-24 para sistemas de evacuación
 1 x altavoz D.A.S. 15" con bobina de 3"
 1 x motor de compresión D.A.S. M-75
 Difusor rotable con dispersión 60° x 40°
 Acabado CX (Pintura ISO-flex) para exposición cubierta
 Acabado DX (fibra de vidrio) para exposición directa
 Anclajes de rosca para accesorios de montaje

EN54-24 certified voice alarm speaker
 1 x D.A.S. 15" loudspeaker with 3" voice coil
 1 x D.A.S. M-75 compression driver
 Rotatable 60° x 40° horn design
 CX finish (ISO-flex paint) for covered exposure
 DX finish (Fiberglass) for direct exposure
 Threaded fixing points for mounting accessories



VA-4T

Certificado EN54-24 para sistemas de evacuación
 1 x altavoz 4" con cono de polipropileno
 1 x tweeter de neodimio de 19 mm
 Recinto inyectado en plástico ABS
 Soporte de pared/techo ajustable incluido
 Transformador multi-paso pre-instalado

EN54-24 certified voice alarm speaker
 1 x 4" polypropylene cone loudspeaker
 1 x 19 mm neodymium dome tweeter
 Molded high-impact ABS enclosures
 Adjustable ceiling/wall mount included
 Factory-installed multi-tap transformer



VA-24T

Certificado EN54-24 para sistemas de evacuación
 2 x altavoz 4" con cono de polipropileno
 1 x tweeter de neodimio de 25 mm
 Recinto inyectado en plástico ABS
 Soporte de pared/techo ajustable incluido
 Transformador multi-paso pre-instalado

EN54-24 certified voice alarm speaker
 2 x 4" polypropylene cone loudspeaker
 1 x 25 mm neodymium dome tweeter
 Molded high-impact ABS enclosures
 Adjustable ceiling/wall mount included
 Factory-installed multi-tap transformers



æro 12

Sistema line array certificado EN54-24
 1 x altavoz de neodimio D.A.S. de 12"
 Motor de neodimio D.A.S. M-75N con salida de 1,5"
 Guía de ondas BPS-9010 Serpis de aluminio
 Sistema de volado integrado en la caja

EN54-24 certified line array system
 1 X 12" D.A.S. neodymium loudspeaker
 M-75N 1.5" exit neodymium compression driver
 Injected aluminum Serpis BPS-9010 waveguide
 Captive rigging system



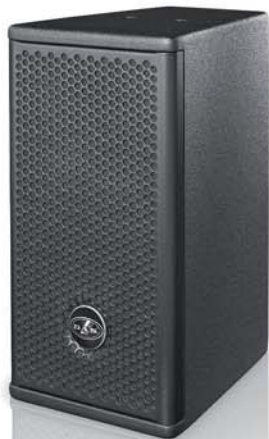
Litore Hotel and Spa Resort, Alanya, Turkey

artec 500 series

Los sistemas de la serie Artec 500, de diseño limpio y elegante, han sido desarrollados para ofrecer una amplia respuesta en frecuencia y gran nivel de presión sonora. Son, por ello, ideales para proporcionar cobertura bajo balcón, para relleno de áreas o aplicaciones de campo cercano. Además, gracias a sus reducidas dimensiones y sus accesorios de montaje, pueden ser instalados en paredes, techos o columnas con un impacto visual mínimo, integrándose perfectamente en espacios públicos 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 clubs.





artec 506A / artec 506

Sistema dos vías autoamplificado
Bi-amplificación Clase D 1080 Wpico
1 x altavoz D.A.S. de 6"
1 x motor de compresión M-34
Reducido tamaño y bajo peso
Anclajes de rosca para accesorios de montaje
Artec 506 es la versión pasiva

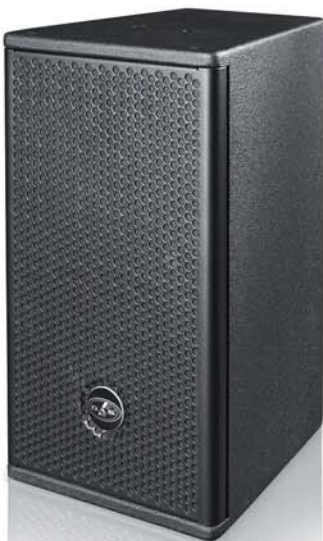
Powered two-way system
Class D bi-amplification 1080 Wpeak
1 X 6" D.A.S. loudspeaker
1 x M-34 compression driver
Reduced size and weight
Threaded fixing points for mounting accessories
Passive version is the Artec 506



artec 526A / artec 526

Sistema multipropósito autoamplificado
Bi-amplificación Clase D 1080 Wpico
2 x altavoz D.A.S. de 6"
1 x motor de compresión M-34
Reducido tamaño y bajo peso
Anclajes de rosca para accesorios de montaje
Artec 526 es la versión pasiva

Powered multi-purpose system
Class D bi-amplification 1080 Wpeak
2 X 6" D.A.S. loudspeaker
1 x M-34 compression driver
Reduced size and weight
Threaded fixing points for mounting accessories
Passive version is the Artec 526



artec 508A / artec 508

Sistema dos vías autoamplificado
Bi-amplificación Clase D 1080 Wpico
1 x altavoz D.A.S. de 8"
1 x motor de compresión M-34
Vaso estándar de 35 mm para trípode
Anclajes de rosca para accesorios de montaje
Artec 506 es la versión pasiva

Powered two-way system
Class D bi-amplification 1080 Wpeak
1 X 8" D.A.S. loudspeaker
1 x M-34 compression driver
Standard 35 mm pole mount socket
Threaded fixing points for mounting accessories
Passive version is the Artec 508

artec 510A / artec 510

Sistema dos vías autoamplificado
Bi-amplificación Clase D 1080 Wpico
1 x altavoz D.A.S. de 10"
1 x motor de compresión M-60N
Vaso estándar de 35 mm para trípode
Anclajes de rosca para accesorios de montaje
Artec 510 es la versión pasiva

Powered two-way system
Class D bi-amplification 1080 Wpeak
1 X 10" D.A.S. loudspeaker
1 x M-60N compression driver
Threaded fixing points for mounting accessories
Standard 35 mm pole mount socket
Passive version is the Artec 510

artec s15A / artec s15

Subgraves compacto autoamplificado
Amplificador Clase D 2000 Wpico
1 x altavoz D.A.S. de 15"
Selector de preajuste cardioide
Conmutador con función Filtro/Loop Thru
Filtro pasa-altos variable de 100-160 Hz
Control de ganancia e inversor de polaridad
Artec S15 es la versión pasiva

Powered ultra compact subwoofer
Class D 2000 Wpeak amplifier
1 x D.A.S. 15" loudspeaker
Cardioid preset selector
Filtered output defeat switch
Variable 100-160 Hz high-pass filter
Gain control and polarity switch
Passive version is the Artec S15



Litore Hotel and Spa Resort, Alanya, Turkey

Model	<i>artec 506A</i>	<i>artec 526A</i>	<i>artec 508A</i>	<i>artec 510A</i>	<i>artec s15A</i>
Nominal LF Amplifier Power	720 W _{peak} - 360 W _{continuous}	720 W _{peak} - 360 W _{continuous}	720 W _{peak} - 360 W _{continuous}	720 W _{peak} - 360 W _{continuous}	2000 W _{peak} - 1000 W _{continuous}
Nominal HF Amplifier Power	360 W _{peak} - 180 W _{continuous}	360 W _{peak} - 180 W _{continuous}	360 W _{peak} - 180 W _{continuous}	360 W _{peak} - 180 W _{continuous}	360 W _{peak} - 180 W _{continuous}
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential
Input Impedance	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line Line: 20 kohms
Sensitivity	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)
Frequency Range (-10 dB)	65 Hz - 20 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	55 Hz - 20 kHz	45 Hz - 138 Hz (variable LPF)
HF Horn Coverage Angles (-6 dB)	80° x 80°	80° x 80°	80° x 80°	110° x 50° Rotatable	---
Maximum Peak SPL at 1 m ⁽¹⁾	118 dB	125 dB	122 dB	128 dB	134 dB
Transducers/Replacement Parts	LF: 6P/6P HF: M-34/GM M-34	LF: 2 x 6P4/6P4 HF: M-34/GM M-34	LF: 8C/GM 8C HF: M-34/GM M-34	LF: 10P/GM 10P HF: M-60N/GM M-60N	LF: 15LXN/GM 15LX
Enclosure Material	Birch Plywood	Birch Plywood	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	Black or White ISO-flex Paint	Black or White ISO-flex Paint
Connectors	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON
AC Power Requirements	2.4 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	2.4 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	2.4 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	2.4 A, 115 V, 50 Hz/60 Hz 1.2 A, 230 V, 50 Hz/60 Hz	4.0 A, 115 V, 50 Hz/60 Hz 2.0 A, 230 V, 50 Hz/60 Hz
Dimensions (H x W x D)	38 x 19.5 x 25.5 cm 15 x 7.7 x 10 in	54.5 x 19.5 x 25.5 cm 21.4 x 7.7 x 10 in	44.5 x 24.5 x 28.5 cm 17.5 x 9.6 x 11.2 in	60.5 x 29 x 34.5 cm 23.8 x 11.4 x 13.6 in	51 x 46 x 58 cm 20 x 18.1 x 22.8 in
Weight	9 kg (19.8 lb)	11 kg (24.3 lb)	9.9 kg (21.8 lb)	13 kg (28.7 lb)	31 kg (68.3 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXU-A506 U-Bracket AXW-1 Wall Mount AXR-A500 Rigging Plate TRD-6 Pole Mount + AXC-ZT TRD-2 Speaker Stand + AXC-ZT	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXU-A526 U-Bracket AXW-1 Wall Mount AXR-A500 Rigging Plate TRD-6 Pole Mount + AXC-ZT TRD-2 Speaker Stand + AXC-ZT	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A508 Ceiling Bracket AXW-1 Wall Mount AXR-A500 Rigging Plate AXU-A508 U-Bracket TRD-6 Pole Mount TRD-2 Speaker Stand	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXW-3 Wall Mount AXF-A510 Ceiling Bracket AXR-A500 Rigging Plate AXU-A510 U-Bracket TRD-6 Pole Mount TRD-2 Speaker Stand	ANL-2 Eye Bolt TRD-6 Pole Mount
Model	<i>artec 506</i>	<i>artec 526</i>	<i>artec 508</i>	<i>artec 510</i>	<i>artec s15</i>
Peak Power Handling	800 W	1600 W	1200 W	1600 W	3200 W
RMS (Average) Power Handling ⁽²⁾	200 W	400 W	300 W	400 W	800 W
Frequency Range (-10 dB)	65 Hz - 20 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	45 Hz - 138 Hz
Nominal Impedance	8 ohms	16 ohms	8 ohms	8 ohms	8 ohms
On-axis Sensitivity 1 W/1 m	90 dB SPL	93 dB SPL	91 dB SPL	96 dB SPL	99 dB SPL
Maximum Peak SPL at 1 m	122 dB	125 dB	122 dB	128 dB	137 dB
HF Horn Coverage Angles (-6 dB)	80° x 80°	80° x 80°	80° x 80°	110° x 50° Rotatable	---
Enclosure Material	Birch Plywood	Birch Plywood	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	Black or White ISO-flex Paint	Black or White ISO-flex Paint
Transducers/Replacement Parts	LF: 6P/6P HF: M-34/GM M-34	LF: 2 x 6P/6P HF: M-34/GM M-34	LF: 8C/GM 8C HF: M-34/GM M-34	LF: 10P/GM 10P HF: M-60N/GM M-60N	LF: 15LXN/GM 15LX
Connectors	2 x NL4 speakON	2 x NL4 speakON	2 x NL4 speakON	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	38 x 19.5 x 25.5 cm 15 x 7.7 x 10 in	54.5 x 19.5 x 25.5 cm 21.4 x 7.7 x 10 in	44.5 x 24.5 x 28.5 cm 17.5 x 9.6 x 11.2 in	60.5 x 29 x 34.5 cm 23.8 x 11.4 x 13.6 in	51 x 46 x 58 cm 20 x 18.1 x 22.8 in
Weight	7 kg (15.4 lb)	9 kg (19.8 lb)	7.9 kg (17.4 lb)	11 kg (24.2 lb)	28 kg (61.7 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXR-A500 Rigging Plate AXU-A506 U-Bracket AXW-1 Wall Mount TRD-6 Pole Mount + AXC-ZT TRD-2 Speaker Stand + AXC-ZT	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXR-A500 Rigging Plate AXU-A526 U-Bracket AXW-1 Wall Mount TRD-6 Pole Mount + AXC-ZT TRD-2 Speaker Stand + AXC-ZT	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A08 Ceiling Bracket AXU-A508 U-Bracket AXW-1 Wall Mount AXR-A500 Rigging Plate TRD-6 Pole Mount TRD-2 Speaker Stand	ANL-2 Eye Bolt AXW-3 Wall Mount AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A510 Ceiling Bracket AXU-A510 U-Bracket AXR-A500 Rigging Plate TRD-6 Pole Mount TRD-2 Speaker Stand	ANL-2 Eye Bolt TRD-6 Pole Mount

Notes:

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



Le Club, Bratislava, Slovakia

artec 300 series

Los nuevos sistemas Artec 300 de D.A.S. Audio están diseñados para su uso en un amplio rango de aplicaciones fijas de refuerzo de sonido. Actualmente están disponibles en 8 modelos pasivos que comprenden sistemas de dos vías de 6", 8", 10" 12" y 15", doble 6", line array doble 10" y subgrave pasivo doble 12". Ofreciendo un diseño elegante y un rendimiento excepcional, la nueva serie Artec 300 es una opción ideal para todo tipo de instalaciones, desde un elegante club a instalaciones educativas.

The new D.A.S. Audio Artec 300 series loudspeakers are designed for use in a wide range of fixed sound reinforcement applications. They are presently available in 8 passive models comprising 6", 8", 10", 12" and 15" two-ways, a double 6" two-way, a double 10" line array and a passive double 12" subwoofer. Offering an elegant design and exceptional performance, the new Artec 300 series is a great choice for everything from elegant nightclub installations to educational facilities.



Rubi Platón





artec 306

1 x altavoz de bajas frecuencias 6B
 1 x motor de compresión M-26
 Posicionamiento vertical/horizontal
 Difusor rotable 90° x 60°
 Anclajes de rosca para soporte VESA-75/VESA-100
 Versión con transformador de línea disponible
 1 x 6B low frequency loudspeaker
 1 x M-26 compression driver
 Rotatable 90° x 60° horn
 Vertical or horizontal positioning
 VESA-75/VESA-100 standard threaded mounting points
 Version with factory-installed line transformer available



artec 326

2 x altavoces de bajas frecuencias 6B
 1 x motor de compresión M-26
 Posicionamiento vertical/horizontal
 Difusor rotable 90° x 60°
 Anclajes de rosca para soporte VESA-75/VESA-100
 Versión con transformador de línea disponible
 2 x 6B low frequency loudspeakers
 1 x M-26 compression driver
 Rotatable 90° x 60° horn
 Vertical or horizontal positioning
 VESA-75/VESA-100 standard threaded mounting points
 Version with factory-installed line transformer available



artec 308

1 x altavoz de bajas frecuencias 8B
 1 x motor de compresión M-26
 Posicionamiento vertical/horizontal
 Difusor rotable 90° x 60°
 Anclajes de rosca para soporte VESA-75/VESA-100
 Versión con transformador de línea disponible
 1 x 8B low frequency loudspeaker
 1 x M-26 compression driver
 Rotatable 90° x 60° horn
 Vertical or horizontal positioning
 VESA-75/VESA-100 standard threaded mounting points
 Version with factory-installed line transformer available



artec 310

1 x altavoz de bajas frecuencias 10MI, 2.5" VCD
 1 x motor de compresión M-34
 Difusor rotable 90° x 60° (310.96) o 60° x 40° (310.64)
 Posicionamiento vertical/horizontal
 Anclajes de rosca para soporte VESA-75/VESA-100
 Versión con transformador de línea disponible
 1 x 10MI low frequency loudspeaker, 2.5" VCD
 1 x M-34 compression driver
 VESA-75/VESA-100 standard threaded mounting points
 Rotatable 90° x 60° (310.96) or 60° x 40° (310.64) horns
 Vertical or horizontal positioning
 Version with factory-installed line transformer available



artec 312.64 / artec 312.96

1 x altavoz de bajas frecuencias 12MI, 2.5" VCD
 1 x motor de compresión M-34
 Difusor rotable 90° x 60° (312.96) o 60° x 40° (312.64)
 Posicionamiento vertical/horizontal
 1 x 12MI low frequency loudspeaker, 2.5" VCD
 1 x M-34 compression driver
 Rotatable 90° x 60° (312.96) or 60° x 40° (312.64) horns
 Vertical or horizontal positioning



artec 315.64 / artec 315.96

1 x altavoz de bajas frecuencias 15MI, 2.5" VCD
 1 x motor de compresión M-34
 Difusor rotable 90° x 60° (315.96) o 60° x 40° (315.64)
 Posicionamiento vertical/horizontal
 1 x 15MI low frequency loudspeaker, 2.5" VCD
 1 x M-34 compression driver
 Rotatable 90° x 60° (315.96) or 60° x 40° (315.64) horns
 Vertical or horizontal positioning



artec 322S

Sistema subgraves compacto bass-reflex
 1600 W programa de potencia
 2 x altavoces de bajas frecuencias 12P, 3" VCD
 Utilización en sistemas biamplificados
 Suspensión compatible con Artec 320

Compact bass-reflex subwoofer system
 1600 W program power handling
 2 x 12P low frequency loudspeakers, 3" VCD
 For use in bi-amplified systems
 Rigging compatible with the Artec 320



artec 320

Line array de instalación fija
 2 x altavoces de bajas frecuencias 10MI, 2.5" VCD
 1 x motor de compresión D.A.S. M-75
 Sistema de suspensión para instalación fija
 Suspensión compatible con Artec 322S

Installation Line Array
 2 x 10MI low frequency loudspeakers, 2.5" VCD
 1 x D.A.S. M-75 compression driver
 Rigging system for permanent installation
 Rigging compatible with the Artec 322S

Models Standard Versions W (white)	<i>artec 306</i> <i>artec 306W</i>	<i>artec 326</i> <i>artec 326W</i>	<i>artec 308</i> <i>artec 308W</i>	<i>artec 310.96</i> <i>artec 310.64</i> <i>artec 310.96W</i> <i>artec 310.64W</i>
Models Transformer Versions W (white)	<i>artec 306T</i> <i>artec 306TW</i>	<i>artec 326T</i> <i>artec 326TW</i>	<i>artec 308T</i> <i>artec 308TW</i>	<i>artec 310.96T</i> <i>artec 310.64T</i> <i>artec 310.96TW</i> <i>artec 310.64TW</i>
Peak Power Handling	400 W	800 W	600 W	1000 W
RMS (Average) Power Handling	100 W	200 W	150 W	250 W
Frequency Range (-10 dB)	70 Hz - 20 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz
Nominal Impedance	8 ohms	16 ohms	8 ohms	8 ohms
On-axis Sensitivity 1 W / 1 m	90 dB SPL	93 dB SPL	92 dB SPL	96 dB SPL
Maximum Peak SPL at 1 m	116 dB	122 dB	120 dB	126 dB
HF Horn Coverage Angles (-6 dB)	90° x 60° Rotatable Horn	90° x 60° Rotatable Horn	90° x 60° Rotatable Horn	90° x 60° (310.96) 60° x 40° (310.64) Rotatable Horn
Enclosure Material	Birch Plywood	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	Black or white/ISO-flex Paint
Transducers/Replacement Parts	LF: 6B/6B HF: M-26/GM-M-26	LF: 2 x 6B/6B HF: M-26/GM-M-26	LF: 8B/8B HF: M-26/GM-M-26	LF: 10MI/GM-10MI HF: M-34/GM-M-34
Connectors	Terminal Strip	Terminal Strip	Terminal Strip	Terminal Strip
Dimensions (H x W x D)	38 x 19.5 x 25.5 cm 15 x 7.7 x 10 in	54 x 19.5 x 25.5 cm 21.3 x 7.7 x 10 in	44.5 x 24.5 x 28.5 cm 17.5 x 9.6 x 11.2 in	60.5 x 29 x 34.5 cm 23.8 x 11.4 x 13.6 in
Weight	7.2 kg (15.8 lb)	10 kg (22 lb)	9.5 kg (20.9 lb)	15.5 kg (34.1 lb)
Accessories	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-A306 U-Bracket (Incl.) ANL-2 Eye Bolt AXW-3 Wall Mount	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-A326 U-Bracket (Incl.) ANL-2 Eye Bolt AXW-3 Wall Mount	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-A308 U-Bracket (Incl.) ANL-2 Eye Bolt AXW-3 Wall Mount AXC-AT C-Clamp Adapter AXF-A508 Ceiling Bracket	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-A310 U-Bracket (Incl.) ANL-2 Eye Bolt AXW-3 Wall Mount AXF-510 Ceiling Bracket
Models Standard Versions W (white)	<i>artec 312.96</i> <i>artec 312.64</i> <i>artec 312.96W</i> <i>artec 312.64W</i>	<i>artec 315.96</i> <i>artec 315.64</i> <i>artec 315.96W</i> <i>artec 315.64W</i>	<i>artec 320</i> <i>artec 320W</i>	<i>artec 322S</i> <i>artec 322SW</i>
Peak Power Handling	1200 W	1400 W	2000 W	3200 W
RMS (Average) Power Handling	300 W	350 W	500 W	800 W
Frequency Range (-10 dB)	50 Hz - 20 kHz	47 Hz - 20 kHz	60 Hz - 20 kHz	37 Hz - 300 Hz
Nominal Impedance	8 ohms	8 ohms	16 ohms	4 ohms
On-axis Sensitivity 1 W / 1 m	96 dB SPL	96 dB SPL	99 dB SPL	96 dB SPL
Maximum Peak SPL at 1 m	127 dB	127 dB	132 dB	132 dB
HF Horn Coverage Angles (-6 dB)	90° x 60° (312.96) 60° x 40° (312.64) Rotatable Horn	90° x 60° (315.96) 60° x 40° (315.64) Rotatable Horn	90° x Splay Dependent	---
Enclosure Material	Birch Plywood	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	Black or white/ISO-flex Paint
Transducers/Replacement Parts	LF: 12MI/GM-12MI HF: M-34/GM-M-34	LF: 15MI/GM-15MI HF: M-34/GM-M-34	LF: 2 x 10MI/GM-10MI HF: M-75/GM-M-75	LF: 2 x 12P/GM-12P
Connectors	Terminal Strip	Terminal Strip	Terminal Strip	Terminal Strip
Dimensions (H x W x D)	61 x 38 x 37.5 cm 24 x 15 x 14.8 in	71 x 44 x 37.5 cm 28 x 17.3 x 14.8 in	27 x 70 x 36 cm 10.6 x 27.6 x 14.2 in	35.5 x 70 x 68.5 cm 14 x 27.6 x 27 in
Weight	18.5 kg (40.7 lb)	21.5 kg (47.3 lb)	26.5 kg (58.3 lb)	42.5 kg (93.5 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-A312 U-Bracket	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-A315 U-Bracket	AX-ARTEC300 JP-320 Joining Plate (Incl.)	ANL-2 Eye Bolt AX-ARTEC300 JP-320 Joining Plate



arco series

La serie Arco es una línea de sistemas de dos vías caracterizada por sus reducidas dimensiones y bajo peso. Está realizada en plástico ABS de alta resistencia al impacto y resulta especialmente indicada para aplicaciones de música ambiente y megafonía en espacios comerciales (tiendas, boutiques, cafeterías), en aeropuertos o en centros de convenciones.

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 4T

Sistema amplia gama de dos vías
1 x altavoz 4" con cono de polipropileno
1 x tweeter de neodimio de 19 mm
Recinto inyectado en plástico ABS
Soporte de pared/techo ajustable incluido
Transformador multipaso preinstalado

Two-way full range system
1 x 4" polypropylene cone loudspeaker
1 x 19 mm neodymium dome tweeter
Molded high-impact ABS enclosure
Adjustable ceiling/wall mount included
Factory-installed multi-tap transformer



arco 24T

Sistema amplia gama de dos vías
2 x altavoces 4" con cono de polipropileno
1 x tweeter de neodimio de 25 mm
Recinto inyectado en plástico ABS
Soporte de pared/techo ajustable incluido
Transformador multipaso preinstalado

Two-way full range system
2 x 4" polypropylene cone loudspeaker
1 x 25 mm neodymium dome tweeter
Molded high-impact ABS enclosure
Adjustable ceiling/wall mount included
Factory-installed multi-tap transformer



arco 12 SUB

Subgraves compacto para instalación
1 x altavoz 12" de doble bobina
Entradas derecha/izquierda
Salidas filtradas derecha/izquierda
Montaje en pared con accesorio incluido

Compact installation subwoofer
1 x 12" double coil loudspeaker
Right/Left inputs
Filtered right/left outputs
Wall mount accessory included

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

Model	arco 24T
Certification	IP54 (with IP-Kit)
Peak Power Handling	400 W
RMS (Average) Power Handling ⁽¹⁾	100 W
Frequency Range (-10 dB) ⁽²⁾	65 Hz - 22 kHz
Nominal Impedance	8 ohms
Transformer Taps 100 V	10-20-30 W
70V	5-10-15 W
On-axis Sensitivity 1 W/1 m	89 dB SPL
Rated Maximum Peak SPL at 1 m ⁽³⁾	115 dB
HF Horn Coverage Angles (-6 dB)	80° H x 70° V
Enclosure Material	High Impact ABS Paintable UV Resistant
Color/Finish	Black or White
Transducers/Replacement Parts	LF: 2 x 4G4/4G4 HF: TWT-24/TWT-24
Connectors	Spring Terminals
Dimensions (H x W x D)	34 x 15 x 15 cm 17.7 x 5.9 x 5.9 in
Weight	2.6 kg (5.7 lb)
Accessories	arco IP Kit AX-4RM (Included) Wall Mount AXU-AC24 U-Bracket 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 ($\pi/2$ loading, 1/2 W each coil)
Rated Maximum Peak SPL	134 dB
Filter Network to Subwoofer	12 dB/oct low-pass, 200 Hz (per input)
Filter Network to Satellite Outputs	6 dB/oct high-pass (per output)
Transducer/Replacement Parts	122S/122S
Connectors	Spring terminals Left In, Right In Left Satellite Out Right Satellite Out
Enclosure Material	MDF
Color	Black
Dimensions (H x W x D)	36 x 59.2 x 28.5 cm 14.2 x 23.3 x 11.2 in
Weight	14 kg (30.8 lb)
Accessories	AXW-122S (Included) Wall Mount

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.

special applications

Ovi 12

El Ovi 12 es un altavoz único y versátil. El Ovi 12 se puede montar en paredes, empotrar en estructuras de techos o suspenderse como un altavoz colgante. Todo con la claridad y potencia de un verdadero sistema de dos vías.

Incluyendo un altavoz coaxial de 12" con motor de compresión de 34 mm alojado en un ligero armazón de polipropileno, el Ovi 12 se puede utilizar para proporcionar una excelente inteligibilidad de la palabra y una completa y rica reproducción musical, en espacios abiertos como restaurantes, discotecas, tiendas, iglesias y salas de convenciones. Dispone de una amplia variedad de accesorios para facilitar su instalación.

The Ovi 12 is a unique and versatile loudspeaker system. The Ovi 12, can be mounted on walls, placed in ceiling structures, or suspended as a pendant speaker. All with the clarity and power of a true two-way loudspeaker system. Comprising a 12" coaxial loudspeaker with a 34 mm compression driver housed within a light-weight polypropylene shell, the Ovi 12 can be used to deliver excellent speech intelligibility and full, rich music reproduction in spaces such as restaurants, night clubs, retail spaces, houses of worship, and convention facilities. A wide variety of accessories are available to facilitate installation.

Model	Ovi 12
Peak Power Handling	1200 W
RMS (Average) Power Handling	300 W
Frequency Range (-10 dB)	63 Hz - 20 kHz
Nominal Impedance	8 ohms
Sensitivity 1 W/1 m	96 dB SPL
Rated Maximum Peak SPL at 1 m	130 dB
Beamwidth	90° Conical
Enclosure Material	Polypropylene
Color/Finish	Black or White/Textured
Transducers/Replacement Parts	12MX LF: GM-12MI / HF:GM M34
Connectors	Push Terminals
Dimensions (Diameter x Depth)	50 x 29 cm 19.7 x 11.42 in
Weight	10.8 kg (23.8 lb)
Accessories	AXC-Ovi12-60 Ceiling Tile Adapter (Metric) AXC-Ovi12-120 Ceiling Tile Adapter (Metric) AXC-Ovi12-2FT Ceiling Tile Adapter (US) AXC-Ovi12-4FT Ceiling Tile Adapter (US) AXW-Ovi12 Wall Mount





CL- 5 / CL- 5T



CL- 6 / CL- 6T



CL- 6TB



CL- 8 / CL- 8T



bidriver plus/plus T*



FACTOR 8/FACTOR 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-15 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 (2.76 x 8.1 in)	80 x 230 mm (3.15 x 9 in)	160 x 230 mm (6.3 x 9 in)	97 x 275 mm (3.8 x 10.8 in)
Cutout Diameter	166 mm (6.54 in)	194 mm (7.64 in)	202 mm (7.95 in)	238 mm/9.37 in
Weight	0.9 kg (1.98 lb)	1.35 kg (2.97 lb)	1.75 kg (3.86 lb)	1.9 kg (4.20 lb)
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 - 15 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 (2.76 x 8.1 in)	80 x 230 mm (3.15 x 9 in)		97 x 275 mm (3.8 x 10.8 in)
Cutout Diameter	166 mm (6.54 in)	194 mm (7.64 in)		238 mm (9.37 in)
Weight	0.73 kg (1.59 lb)	1.19 kg (2.62 lb)		1.58 kg (3.46 lb)

Model Standard Version	FACTOR 8
Model Transformer Version	FACTOR 8T
Peak Power Handling	400 W
RMS (Average) Power Handling	100 W
Transformer RMS Power Handling	60 W
Total System Impedance	82/163/335/670/1340/2680 ohms
Loudspeaker Nominal Impedance	8 ohms
Frequency Range (-10 dB)	55 Hz - 22 kHz
On-axis Sensitivity 1 W/ 1 m HF	91 dB SPL
Horn Coverage Angles (-6 dB)	145° x 135°
Enclosure Material	Polypropylene
Color	Black
Transducers/Replacement Parts	LF: G-8/G-8 HF: TWT-5/TWT-5
Connectors	Spring loaded push terminals
Dimensions (H x W x D)	44 x 27 x 23 cm 17.5 x 10.5 x 9 in
Weight	8.1 kg (18 lb)
Accessories	AXW-1 Wall Mount

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



D-series

Los 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 hacen ideales para la mayoría de las aplicaciones de refuerzo de sonido.

The 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 the optimum choice for both live and installed sound applications.



D-100



D-10



D-20

Model	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			
8 ohms	5300	1500	2300
4 ohms	7400	2300	4200
Additional Specifications			
THD+N:(%)(4 ohms)@1kHz	0.08	0.008	0.008
(@1dB below max output power) <			
THD+N:(%)(4 ohms)@20Hz to 20kHz	0.15	0.03	0.03
(@3dB below max output power) <			
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	>400@1 kHz
Output Circuitry	D	AB	AB
Power Consumption: Nominal @ 240 V (4 ohms)	7 A	1.9 A	2.8 A
Power Consumption: Nominal @ 120 V (4 ohms)	14 A	3.8 A	5.6 A
Dimensions (mm): H x W x D	88 x 482 x 428	88 x 482 x 428	88 x 482 x 428
Dimensions (in): H x W x D	3.5 x 19 x 16.9	3.5 x 19 x 16.9	3.5 x 19 x 16.9
Weight: (Kg)	12.00	13.80	20.42
Weight: (lb)	26.40	30.36	44.92

PA-series

La serie de amplificadores PA ofrece una tecnología ampliamente contrastada. Está formada por cinco modelos construidos en robustos chasis de acero de 2U y potencias de salida que van desde los 250 W por canal hasta los 2100 W por canal. La serie está ideada para satisfacer las necesidades reales de audio con una máxima eficiencia en costes tanto en instalaciones fijas como en aplicaciones móviles.

The D.A.S. PA series of amplifiers offers a tremendous value in proven amplifier technology. The line consists of five models in rugged 2U steel chassis with powers that go from 250 W per channel to 2100 W per channel. The series is engineered to meet demanding audio requirements reliably and still remain within budget in both permanent installations and mobile applications.



Rated power / model	PA-500	PA-900	PA-1500	PA-2700	PA-4000
1 kHz (HIA) with 0.5% THD					
4Ω stereo (per channel)	250 W	450 W	750 W	1350 W	2100 W
8Ω stereo (per channel)	150 W	350 W	500 W	1000 W	1400 W
8Ω bridge mono	500 W	900 W	1500 W	2700 W	4250 W
Performance					
Frequency Response (at 1 Watt)	20Hz-20 kHz, +0-1 dB				
Total Harmonic Distortion (THD)	<0.5%, 20 Hz-20 kHz				
Intermodulation Distortion 60 Hz and 7 kHz at 4:1 from full rated output to -30 dB	≈/ <0.35%				
Slew Rate	>10 V/us	>10 V/us	>10 V/us	>10 V/us	>20 V/us
Voltage Gain (input sensitivity, 1.4 V)	27 dB	31 dB	33 dB	36 dB	37 dB
Damping Factor (8ohms)	>200				
10 Hz- 400 Hz					
Signal-to-Noise Ratio (below rated power, 20 Hz to 20 kHz, A-weighted)	>100 dB				
Crosstalk (below rated power)					
At 1 kHz	-75 dB				
At 20 kHz	-58 dB				
Input Sensitivity for full rated power at 8Ω	0.775 V or 1.4 V				
Input impedance (nominal)					
Balanced	20 kohms				
Unbalanced	10 kohms				
Construction					
Protection	Protection against short circuits, no-load, on/off muting, RF interference.				
Ventilation	Flow-through ventilation from front to back.				
Cooling	Internal heat sinks with forced air. Fan cooled, speed regulated, thermal protection.				
Chassis size (unit mm)	482 x 227 x 88	482 x 227 x 88	482 x 227 x 88	482 x 294 x 88	482 x 294 x 88
Net weight	10.1 kg	12.7 kg	13.5 kg	19.5 kg	19.5 kg

A50rack

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 four 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 two channel amp. Power per channel is 3600W @ 2 ohms.



A50rack-1



A50rack-2

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 3 "Phase Active" LEDS	A50_Distro2, 32 A, 400 V 3 "Phase Active" LEDS
Protection	1 x RCD40A/30 mA/4P 6 x MCB 16A/C/1P	1 x RCD40A/30 mA/4P 6 x MCB 16A/C/1P
Connectors	AC In: 1 x 32A/CEE/400 V/5P AC Thru: 1 x 32A/CEE/400 V/5P Distributed AC Out: 6 x 16A Shuko Audio Input: 2 x Female XLR Audio Output: 2 x Male XLR AudioCore Input: 1 x Female XLR AudioCore Output: 1 x Male XLR Amplifier Output: 3 x speakON NL8 (Wired ±1LF1, ±2LF2, ±3MF, ±4HF) 10U	ACIn: 1 x 32A/CEE/400 V/5P --- Distributed AC Out: 6 x 16A/CEE/230 V/3P Audio Input: 3 x Female XLR Audio Output: 3 x Male XLR --- Amplifier Output: 3 x Speakon NL8 (Wired ±1LF1, ±2LF2, ±3MF, ±4HF) 10U
Rack size	9 mm Birch plywood 100 mm casters with brakes 20 mm high density foam interior Front and rear covers Professional grade hardware	9 mm Birch plywood 100 mm casters with brakes 20 mm high density foam interior Front and rear covers Professional grade hardware
Dimensions (H x W x D)	70.1x 58.2 x 87.3 cm 27.6 x 22.9 x 34.4 in	70.1 x 58.2 x 87.3 cm 27.6 x 22.9 x 34.4 in
Weight	56 kg (123.2 lb)	92 kg (202.4 lb)

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.



DSP-2040



DSP-2060A



DSP-4080



DSP-23



DSP-226

DASnet

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.





Indochine Restaurant, Barcelona, Spain

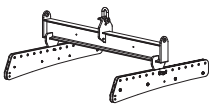
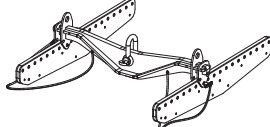
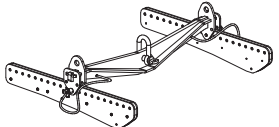
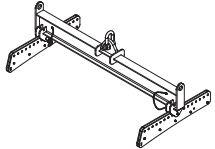
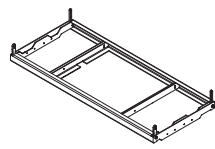
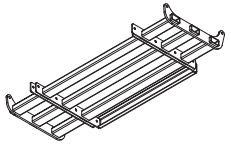
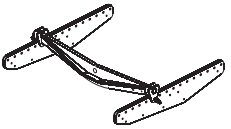
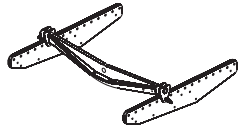
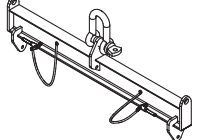
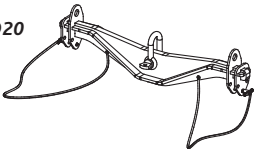
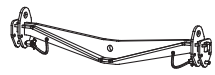
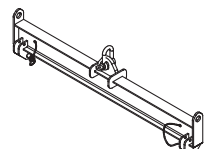
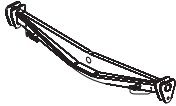
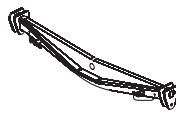
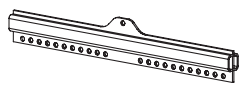
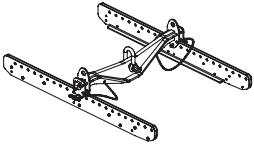
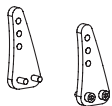
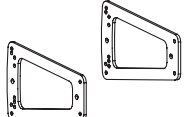
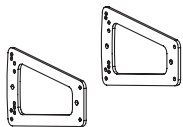
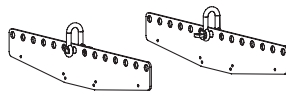
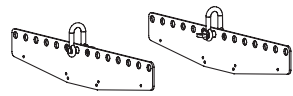
Model	DSP-2040	DSP-2060A	DSP-4080	DSP-23	DSP-226
Inputs	2	2	4	2	2
Input Impedance	>10k ohms	>10k ohms	>10k ohms	10k ohms	10k ohms
Input Gain	+6 dB to -40 dB in 0.1 steps	+6 dB to -40 dB in 0.1 steps	+6 dB to -40 dB in 0.1 steps	no	+12 dB to -40 dB in 0.1 steps
Max. Input Level	+20 dBu	+20 dBu	+20 dBu	+10 dBu	+19 dBu
Mute ON/OFF	yes	yes	yes	no	yes
Input Connectors	3 pin female XLR	3 pin female XLR	3 pin female XLR	3 pin female XLR	3 pin female XLR
Outputs	4	6	8	3	6
Output Impedance	<60 ohms	<60 ohms	<60 ohms	<50 ohms	<50 ohms
Output Gain	+15 dB to -40 dB in 0.1 steps	+15 dB to -40 dB in 0.1 steps	+15 dB to -40 dB in 0.1 steps	+ 6 dB to -60 dB in 0.5 steps	+12 dB to -40 dB in 0.1 steps
Max. Output Level	+20 dBm into 600 ohms	+20 dBm into 600 ohms	+20 dBm into 600 ohms	+10 dBu into 600 ohms	19 dBu
Mute ON/OFF	yes	yes	yes	yes	yes
Output Connectors	3 pin male XLR	3 pin male XLR	3 pin male XLR	3 pin female XLR	3 pin female XLR
Frequency Response	20 Hz - 20 kHz +/- 0.5 dB; -3 dB @ 32 kHz	20 Hz - 20 kHz +/- 0.5 dB; -3 dB @ 32 kHz	20 Hz - 20 kHz +/- 0.5 dB; -3 dB @ 32 kHz	20 Hz - 20 kHz +/- 0.5 dB; -3 dB @ 32 kHz	20 Hz - 20 kHz +/- 0.5 dB -3 dB @ 32 kHz
Dyn. Range unweighted	>116 dB 20 Hz - 20 kHz	>116 dB 20 Hz - 20 kHz	>116 dB 20 Hz - 20 kHz	102 dB 22 Hz - 20 kHz	116 dB A Weighting
Distortion	<0.02% @ 1kHz +18 dBm	<0.02% @ 1kHz +18 dBm	<0.02% @ 1kHz +18 dBm	<0.05% @ 1kHz +10 dBm	0.003%(1 kHz, 0 dBu)
Max. Delay Time	650 ms	650 ms	650 ms	12.5 ms	1000 ms
Min. Delay Step	0.3 us	0.3 us	0.3 us	100 us	21 us
Max. Number of EQ filters	8 per input/9 per output	8 per input/9 per output	8 per input/9 per output	3 per output	5 per input / 5 per output
Filter Gain	+15 dB to -30 dB in 0.1 steps	+15 dB to -30 dB in 0.1 steps	+15 dB to -30 dB in 0.1 steps	+/- 12 dB in 0.2 steps	+15 dB to -30 dB in 0.1 steps
EQ Frequency Range	19.7 Hz - 32 kHz 1/36 oct steps	19.7 Hz - 32 kHz 1/36 oct steps	19.7 Hz - 32 kHz 1/36 oct steps	15 Hz - 20 kHz 1/16 oct steps	19 Hz-21.9 kHz
EQ Type	Bell/Shelf/VarQ/Band Pass	Bell/Shelf/VarQ /Phase/ Band Pass/All Pass/Ellip	Bell/Shelf/Notch/VarQ/Phase/ Band Pass/All Pass/Ellip	Bell/Shelf	PEQ, Low Shelf 6 dB/12 dB, High Shelf 6 dB/12 dB
EQ Q/BW	0.4 to 128/2.5 to 0.008	0.4 to 128/2.5 to 0.008	0.4 to 128/2.5 to 0.008	0,3 to 131/3,6 to 0,011	0.017 - 4.750 Octave
X-over filters	6, 12, 18, 24, 48 dB/oct Bessel, Butterworth, Linkwitz-Riley	6, 12, 18, 24, 48 dB/oct Bessel, Butterworth, Linkwitz-Riley	6, 12, 18, 24, 48 dB/oct Bessel, Butterworth, Linkwitz-Riley	6, 12, 18, 24 dB/oct Bessel, Butterworth, Linkwitz-Riley	12, 24, 36, 48 dB/oct Bessel, Butterworth, Linkwitz-Riley
Limiters	2 per output (Program and D-Max); Threshold, Attack, Release variable Threshold +22 dBu to -10 dBu	2 per output (Program and D-Max); Threshold, Attack, Release variable Threshold +22 dBu to -10 dBu	2 per output (Program and D-Max); Threshold, Attack, Release variable Threshold +22 dBu to -10 dBu	1 per output Threshold +10dBu to -60dBu	1 per input/output Threshold +20 dBu to -20 dBu
External Connectors	9 pin DEE connector (RS232)	9 pin DEE connector (RS232)	9 pin DEE connector (RS232)	USB	USB
RS485 Connectors	no	yes	yes	no	yes
Remote Control	no	yes (AudioCore)	yes (AudioCore)	yes	yes
Sampling rate	96 kHz	96 kHz	96 kHz	48 kHz	48 kHz
CMRR	>65 dB, 50 Hz to 10 kHz	>65 dB, 50 Hz to 10 kHz	>65 dB, 50 Hz to 10 kHz	>60 dB, 30 Hz to 20 kHz	>50 dB, 30 Hz to 20 kHz
Latency	1.5 ms (analogue in - analogue out @ 96 kHz)	1.5 ms (analogue in - analogue out @ 96 kHz)	1.5 ms (analogue in - analogue out @ 96 kHz)	1 ms	1.3 ms
Power Connector	3 pin IEC	3 pin IEC	3 pin IEC	3 pin IEC	3 pin IEC
AC Power Requirements	60 to 250 V 50/60Hz	60 to 250 V 50/60Hz	60 to 250 V 50/60Hz	90 to 250 V 50/60Hz	90 to 250 V 50/60Hz
Dimensions (H x W x D)	4.4 x 48.2 x 30 cm 1.75 x 19 x 11.8 in	4.4 x 48.2 x 30 cm 1.75 x 19 x 11.8 in	4.4 x 48.2 x 30 cm 1.75 x 19 x 11.8 in	5 x 22.7 x 14.5 cm 1.96 x 8.93 x 5.7 in	4.5 x 48.2 x 15.8 cm 1.77 x 19 x 6.2 in
Weight	3.3 kg (7.26 lb)	3.3 kg (7.26 lb)	3.3 kg (7.26 lb)	1.2 kg (2.64 lb)	2 kg (4.4 lb)



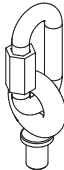
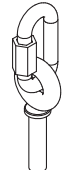
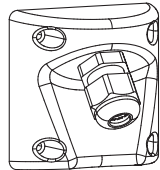
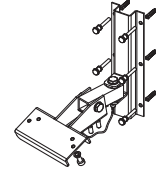
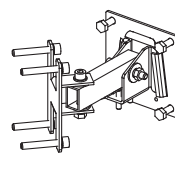
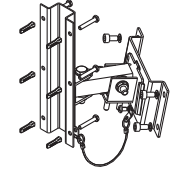
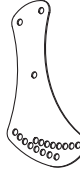
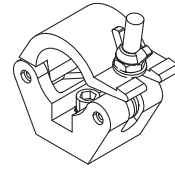
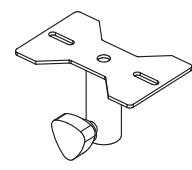
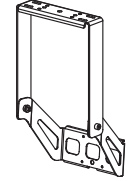
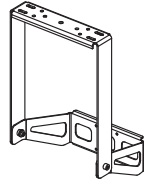
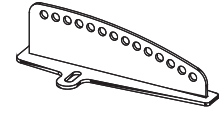
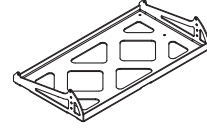
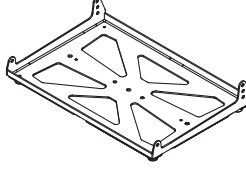
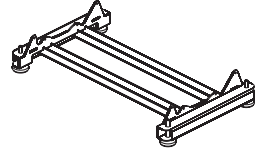
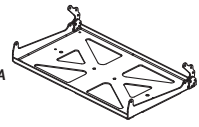
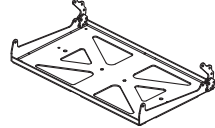
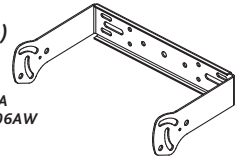
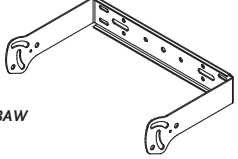
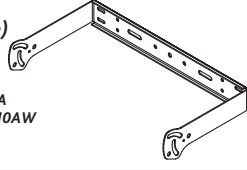
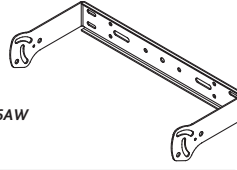
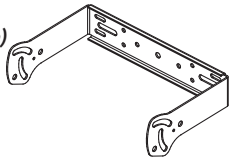
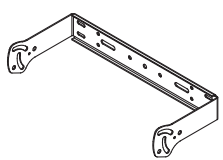
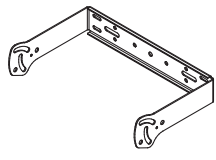
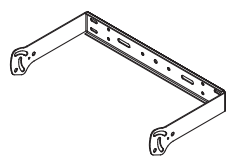
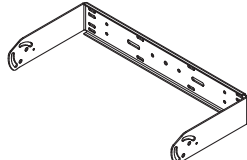
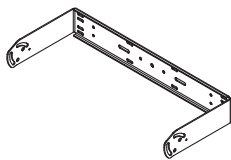
accesorios / accessories

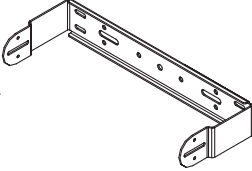
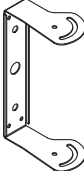
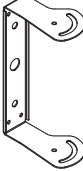

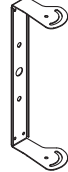

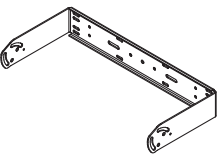
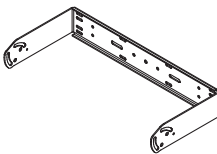
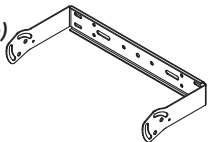
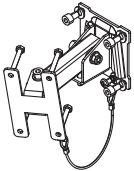
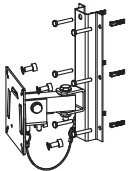
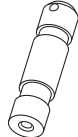
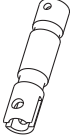


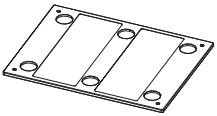
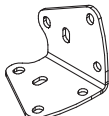
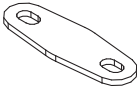
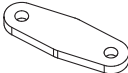

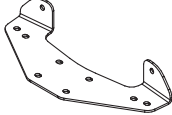
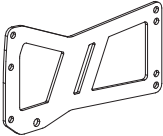
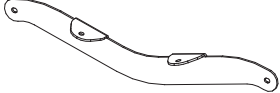

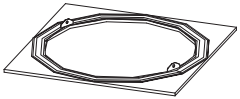
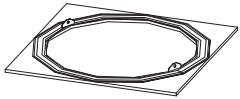
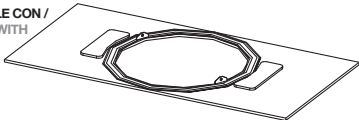
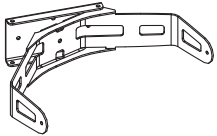
accesorios para colgado

rigging accessories

MODELO / MODEL	MODELO / MODEL	MODELO / MODEL
AX-æro12S2 UTILIZABLE CON / FOR USE WITH æro 12A 	AX-æro20 UTILIZABLE CON / FOR USE WITH æro 20A 	AX-æro40S3 UTILIZABLE CON / FOR USE WITH æro 40A 
AX-æro50 UTILIZABLE CON / FOR USE WITH æro 50 LX-218R / LX-218RA LX-218CR / LX-218CRA 	AX-COMBO12 UTILIZABLE CON / FOR USE WITH æro 12A æro 12A / æro 50 æro 12A / LX-218RA 	AX-COMBO2040 UTILIZABLE CON / FOR USE WITH æro 20A æro 40A 
AX-event208 UTILIZABLE CON / FOR USE WITH event 208A 	AX-event210 UTILIZABLE CON / FOR USE WITH event 210A 	PICK-UP AX-æro12S2 UTILIZABLE CON / FOR USE WITH æro12A 
PICK-UP AX-æro20 UTILIZABLE CON / FOR USE WITH æro20A LX-118A 	PICK-UP AX-æro40S2 UTILIZABLE CON / FOR USE WITH æro 40A 	PICK-UP AX-æro50 UTILIZABLE CON / FOR USE WITH æro 50 LX-218R / LX-218RA LX-218CR / LX-218CRA 
PICK-UP AX-event208 UTILIZABLE CON / FOR USE WITH event 208A 	PICK-UP AX-event210 UTILIZABLE CON / FOR USE WITH event 210A 	UFB Univesal Fly Bar 
AX-LX118S2 UTILIZABLE CON / FOR USE WITH LX-118A 	AX-118S20 UTILIZABLE CON / FOR USE WITH LX-118A æro20A 	JP-320 UTILIZABLE CON / FOR USE WITH artec 320 (Incl.) 
JP-WR320 UTILIZABLE CON / FOR USE WITH WR-320 (Incl.) 	AX-Artec300 UTILIZABLE CON / FOR USE WITH artec 322S 	AX-WR300 UTILIZABLE CON / FOR USE WITH WR-322S 


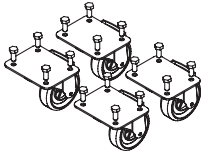
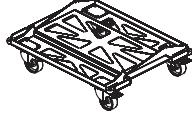

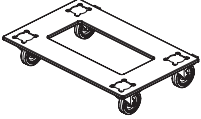
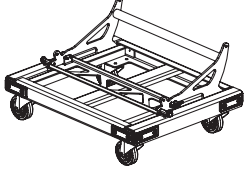
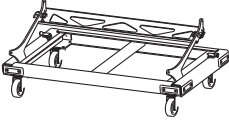
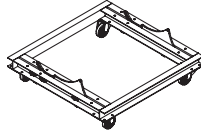
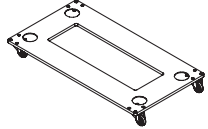
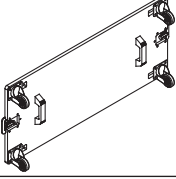
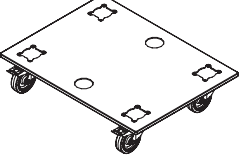
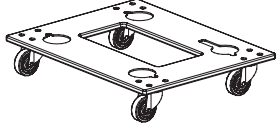
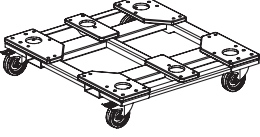
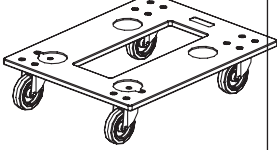
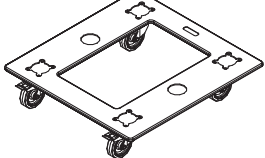
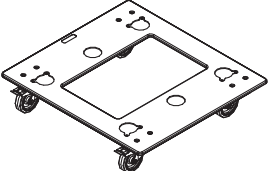
accesorios para instalar/apilar installation/stacking accessories

MODELO / MODEL	MODELO / MODEL	MODELO / MODEL
ANL-1 UTILIZABLE CON / FOR USE WITH DR-508 series 	ANL-2 UTILIZABLE CON / FOR USE WITH action series artec series VANTEC SERIES SOUND FORCE SERIES HQ-series 	arco IP Kit arco IP Kit (WHITE) UTILIZABLE CON / FOR USE WITH arco 4T / arco 24T 
AX-M UTILIZABLE CON / FOR USE WITH DR-508 / DR-508A 	AX-108 UTILIZABLE CON / FOR USE WITH DR-508 	AX-115 UTILIZABLE CON / FOR USE WITH DR-512 / 512A DR-515 / 515A 
AXA-AC AXA-ACW (WHITE) UTILIZABLE CON / FOR USE WITH arco 4T / arco 24T 	AXC-AT UTILIZABLE CON / FOR USE WITH All AXF All AXU 	AXC-ZT UTILIZABLE CON / FOR USE WITH æro 8A artec series event 208A event 210A 
AXF-A508 AXF-A508W (White) UTILIZABLE CON / FOR USE WITH artec 308 artec 508 artec 308W artec 508W 	AXF-A510 AXF-A510W (White) UTILIZABLE CON / FOR USE WITH artec 310 artec 510 artec 310W artec 510W SF-10 	AXR-A500 AXR-A500 (White) UTILIZABLE CON / FOR USE WITH artec 300 artec 500 artec 300W artec 500W SF-10, SF-26 
AXS-æro12 UTILIZABLE CON / FOR USE WITH æro 12A 	AXS-æro20 UTILIZABLE CON / FOR USE WITH æro 20A 	AXS-æro40 UTILIZABLE CON / FOR USE WITH æro 40A 
AXS-EVENT208 UTILIZABLE CON / FOR USE WITH event 208A / event 218A 	AXS-EVENT210 UTILIZABLE CON / FOR USE WITH event 210A / event 218A 	AXU-A506 AXU-A506W (White) UTILIZABLE CON / FOR USE WITH artec 506 / artec 506A artec 506W / artec 506AW 
AXU-A508 AXU-A508W (White) UTILIZABLE CON / FOR USE WITH artec 508 / artec 508A artec 508W / artec 508AW 	AXU-A510 AXU-A510W (White) UTILIZABLE CON / FOR USE WITH artec 510 / artec 510A artec 510W / artec 510AW SF-10 	AXU-A526 AXU-A526W (White) UTILIZABLE CON / FOR USE WITH artec 526 / (Incl.) artec 526A artec 526W / artec 526AW SF-26 
AXU-A306 AXU-A306W (White) UTILIZABLE CON / FOR USE WITH artec 306 (Incl.) artec 306W (Incl.) 	AXU-A326 AXU-A326W (White) UTILIZABLE CON / FOR USE WITH artec 326 (Incl.) artec 326W (Incl.) 	AXU-A308 AXU-A308W (White) UTILIZABLE CON / FOR USE WITH artec 308 (Incl.) artec 308W (Incl.) 
AXU-A310 AXU-A310W (White) UTILIZABLE CON / FOR USE WITH artec 310 (Incl.) artec 310W (Incl.) 	AXU-A312 AXU-A312W UTILIZABLE CON / FOR USE WITH artec 312.XX 	AXU-A315 AXU-A315W UTILIZABLE CON / FOR USE WITH artec 315.XX 

MODELO / MODEL		MODELO / MODEL		MODELO / MODEL	
AXU-AC8 UTILIZABLE CON / FOR USE WITH <i>action 8 / action 8A</i>		AXU-AC4 AXU-AC4W (WHITE) UTILIZABLE CON / FOR USE WITH <i>arco 4T</i>		AXU-VA4 UTILIZABLE CON / FOR USE WITH <i>VA-4T</i>	
AXU-AC24 AXU-AC24W (WHITE) UTILIZABLE CON / FOR USE WITH <i>arco 24T</i>		AXU-VA24 UTILIZABLE CON / FOR USE WITH <i>VA-24T</i>		AXU-RF12 UTILIZABLE CON / FOR USE WITH <i>action 12 / action 12A</i>	
AXU-WR6412 AXU-WR6412G (Grey) AXU-WR6412W (White) UTILIZABLE CON / FOR USE WITH <i>WR-6412</i>		AXU-WR6415 AXU-WR6415G (Grey) AXU-WR6415W (White) UTILIZABLE CON / FOR USE WITH <i>WR-6415</i>		AXU-WR8826 AXU-WR8826G (Grey) AXU-WR8826W (White) UTILIZABLE CON / FOR USE WITH <i>WR-8826 / WR-8826T</i>	
AXW-1 AXW-1W (WHITE) UTILIZABLE CON / FOR USE WITH <i>action 8 / action 8A</i> <i>artec 506 / artec 506A</i> <i>artec 508 / artec 508A</i> <i>artec 526 / artec 526A</i> <i>WR8826</i>		AXW-3 AXW-3W (WHITE) UTILIZABLE CON / FOR USE WITH <i>artec 508 / artec 508A</i> <i>artec 510 / artec 510A</i> <i>artec 306 / artec 306W</i> <i>artec 326 / artec 326W</i> <i>artec 308 / artec 308W</i> <i>artec 310 / artec 310W</i>		AX-SPG1 UTILIZABLE CON / FOR USE WITH <i>AXU/AXF</i>	
AX-SPG2 UTILIZABLE CON / FOR USE WITH <i>AXR-A500</i>		TRD-2 UTILIZABLE CON / FOR USE WITH <i>Todos los modelos con vaso para tripode</i> <i>All models with pole mount socket</i>		TRD-6 UTILIZABLE CON / FOR USE WITH <i>Todos los modelos con vaso para tripode</i> <i>All models with pole mount socket</i>	
AXB-SF30 UTILIZABLE CON / FOR USE WITH <i>SF-30A</i>		AX-SF1 UTILIZABLE CON / FOR USE WITH <i>SF-112</i> <i>SF-215</i> <i>SF-30A</i> <i>SF-221</i>		AX-SF2 UTILIZABLE CON / FOR USE WITH <i>SF-30A</i> <i>SF-221</i>	
AX-SF3 UTILIZABLE CON / FOR USE WITH <i>SF-112</i> <i>SF-215</i>		AX-SF112VA UTILIZABLE CON / FOR USE WITH <i>SF-112</i>		AX-SF2215 UTILIZABLE CON / FOR USE WITH <i>SF-30A</i> <i>SF-221</i>	
AX-SF20 UTILIZABLE CON / FOR USE WITH <i>SF-20A</i>		AX-SF2158 UTILIZABLE CON / FOR USE WITH <i>SF-158</i>		AXC-Ovi12-60 (Metric) UTILIZABLE CON / FOR USE WITH <i>Ovi 12</i>	
AXC-Ovi12-2FT (US) UTILIZABLE CON / FOR USE WITH <i>Ovi 12</i>		AXC-Ovi12-4FT (US) UTILIZABLE CON / FOR USE WITH <i>Ovi 12</i>		AXC-Ovi12-120 (Metric) UTILIZABLE CON / FOR USE WITH <i>Ovi 12</i>	
AXW-Ovi12 UTILIZABLE CON / FOR USE WITH <i>Ovi 12</i>					

accesorios para transporte

transport accessories

MODELO / MODEL	MODELO / MODEL	MODELO / MODEL
<p>FUNDAS DE TRANSPORTE / TRANSPORT COVERS</p> <p>CONSULTE DISPONIBILIDAD / CONSULT AVAILABILITY</p> 	<p>KITW-100</p> <p>UTILIZABLE CON / FOR USE WITH LX-218C / LX-218CA LX-218CR / LX-218CRA</p> 	<p>PL-event208s</p> <p>UTILIZABLE CON / FOR USE WITH event 208A</p> 
<p>PL-event210s</p> <p>UTILIZABLE CON / FOR USE WITH event 210A</p> 	<p>PL-event218s</p> <p>UTILIZABLE CON / FOR USE WITH event 218A</p> 	<p>PL-20S</p> <p>UTILIZABLE CON / FOR USE WITH æro 20A</p> 
<p>PL-40S</p> <p>UTILIZABLE CON / FOR USE WITH æro 40A</p> 	<p>PL-12S</p> <p>UTILIZABLE CON / FOR USE WITH æro 12A</p> 	<p>PL-218CS</p> <p>UTILIZABLE CON / FOR USE WITH LX-218C / LX-218CA LX-218CR / LX-218CRA</p> 
<p>PL-LX218C</p> <p>UTILIZABLE CON / FOR USE WITH LX-218CR / LX-218CRA</p> 	<p>PL-30S</p> <p>UTILIZABLE CON / FOR USE WITH UX-30A SF-30A</p> 	<p>PL-118S</p> <p>UTILIZABLE CON / FOR USE WITH LX-118A</p> 
<p>PL-221S</p> <p>UTILIZABLE CON / FOR USE WITH UX-221</p> 	<p>PL-SFMS</p> <p>UTILIZABLE CON / FOR USE WITH SF-M SF-1521A</p> 	<p>PL-UX218S</p> <p>UTILIZABLE CON / FOR USE WITH UX-218 UX-218A</p> 
<p>PL-UX218RS</p> <p>UTILIZABLE CON / FOR USE WITH UX-218R UX-218RA</p> 		

En D.A.S. Audio, la mejora del producto a través de la investigación y desarrollo está en continuo proceso. Todas las especificaciones están sujetas a modificación sin previo aviso.
Product improvement through research and development is an ongoing process at D.A.S. All specifications are subject to change without notice.





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