HEAR
LISTEN
FEEL

D.A.S.

El sonido es omnipresente y hacerlo más grande, mejor y más potente, es lo que hacemos en DAS.

Desde nuestro origen, la pasión, la vocación y el entusiasmo de toda la plantilla han sido los motores de la empresa. Somos conscientes de que para los profesionales del sonido, nuestros productos son herramientas de trabajo y como tal, sus prestaciones, fiabilidad y durabilidad son esenciales.

Somos una empresa familiar, cuya cultura viene marcada desde el inicio. Creemos en la cercanía al cliente y en apreciar su esfuerzo y sacrificio por alcanzar sus metas. Fomentar y optimizar la calidad de estas relaciones es parte de nuestro ADN.

Nuestras actividades se fundamentan en el respeto por las personas y sus empresas como a la nuestra propia. Nos regimos por un fuerte compromiso con los clientes, los proveedores y los empleados, piedra angular de nuestro éxito.

Desde 1971 nuestro compromiso ha sido la mejora continua de nuestros productos y servicios. Gracias al aprendizaje de estos años, podemos ofrecer soluciones técnicas acordes a las necesidades de cada usuario de nuestros sistemas. Al igual que el sonido, nuestros sistemas están en todas partes, usados diariamente, en cualquier lugar del mundo.

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Sound is everywhere, and making it bigger, better and more powerful, is what we do at DAS.

Since our beginning, DAS has been driven by the passion and dedication of our employees. We realize that our products are the tools of the sound professional, and that their performance, durability and reliability are mission critical.

As a family owned business, our company culture was forged early on. We believe in staying close to our customers, and in appreciating their enthusiasm and sacrifice in doing what they do. Encouraging and optimizing the quality of these relationships is part of our DNA.

Our actions are based on a profound respect for people and their businesses, as well as respect for our own. We maintain a strong commitment to employees, customers and suppliers. This has been the cornerstone of our success.

Since 1971 our commitment has been to constantly improve our products and services. This learning experience has given us the possibility of offering technological solutions that satisfy the needs of DAS users. Just as sound is everywhere, so are our systems, in use every day, somewhere around the world.

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Touring & Live Performance

Empire Music Festival, Guatemala

Potencia
para mover
a las masas
—

Power to move
the mases

æro series

AERO-20A
AERO-20.120A
AERO-40A
AERO-50

Touring and Live Performance

Usados a diario en todo el mundo, los sistemas line array DAS Aero son conocidos por sus excepcionales prestaciones, fiabilidad y facilidad de uso.

Con la incorporación de las últimas tecnologías DAS en el diseño de transductores, electrónica y gestión de sistemas, los sistemas line array Aero evidencian el compromiso DAS para ofrecer a los usuarios unos sistemas más potentes, compactos y prácticos.

Used daily around the world, the DAS Aero line arrays systems are known for their exceptional performance, reliability and user friendliness.

Incorporating DAS's latest technical achievements in transducer design, power electronics and system management, the Aero line array systems evidence DAS´s commitment to provide Aero users with more powerful, more compact and practical systems.

AERO-20A

Puntos Clave	Advanced Line Array System ALAS™ Biamplificación Clase D 800 W LF + 400 W Potente DSP con filtros FIR Brickwall Direccionamiento digital vía DASaim™ Gestión y monitoreo remotos por medio de DASnet™ Sistema de ensamblaje rápido que facilita el volado/apilado 1 x altavoz de neodimio DAS de 12" Motor de neodimio M-75N con salida de 1,5" Guía de ondas de aluminio Serpis BPS-1912
Key Features	Advanced Line Array System ALAS™ Bi-amplified Class D 800 W LF + 400 W HF Powerful DSP with Brickwall FIR Filters Digital steering via DASaim™ Remote monitoring and control via DASnet™ Quick-rig system for easy rigging/stacking 1 x DAS 12" neodymium loudspeaker 1 x M-75N 1.5" exit neodymium compression driver Proprietary BPS-1912 Serpis aluminum waveguide

DASaim™

AERO-20.120A

Puntos Clave	Versión Aero-20A ALAS™ con dispersión horizontal de 120° Biamplificación Clase D 800 W LF + 400 W Potente DSP con filtros FIR Brickwall Direccionamiento digital vía DASaim™ Gestión y monitoreo remotos por medio de DASnet™ Sistema de ensamblaje rápido que facilita el volado/apilado 1 x altavoz de neodimio DAS de 12" Motor de neodimio M-75N con salida de 1,5"
Key Features	120° horizontal dispersion version of the Aero-20A ALAS™ Bi-amplified Class D 800 W LF + 400 W HF Powerful DSP with Brickwall FIR Filters Digital steering via DASaim™ Remote monitoring and control via DASnet™ Quick-rig system for easy rigging/stacking 1 x DAS 12" neodymium loudspeaker 1 x M-75N 1.5" exit neodymium compression driver

DASaim™

AERO-40A

Puntos Clave	Advanced Line Array System ALAS™ Triamplificación Clase D 1000 W LF + 500 W MF + 500 W HF Potente DSP con filtros FIR Brickwall Direccionamiento digital vía DASaim™ Gestión y monitoreo remotos por medio de DASnet™ 1 x altavoz de neodimio DAS de 12" 1 x altavoz de neodimio DAS de 8" 2 motores de neodimio M-75N con salida de 1,5" Guía de ondas de aluminio Serpis BPS-2912
Key Features	Advanced Line Array System ALAS™ Class D tri-amplification 1000 W LF + 500 W MF + 500 W HF Powerful DSP with Brickwall FIR Filters Digital steering via DASaim™ Remote monitoring and control via DASnet™ 1 x 12" DAS neodymium magnetic loudspeaker 1 x 8" DAS neodymium magnetic loudspeaker 2 x M-75N 1.5" exit neodymium compression drivers Injected aluminum Serpis BPS-2912 waveguide

DASaim™

AERO-50

Puntos Clave	Line array tres vías de gran formato 2 x altavoces de neodimio DAS de 15" 4 x altavoces de neodimio DAS de 8" 2 x motores de neodimio DAS M-75N con salida de 1.5" Sistema de volado integrado en la caja Plataforma de transporte en el panel frontal
Key Features	Three-way large-format line array 2 x 15" DAS neodymium loudspeakers 4 x 8" DAS neodymium loudspeakers 2 x DAS M-75N neodymium compression drivers with 1.5" exit Captive rigging system integrated in the cabinet design Detachable front dolly panel

Powered
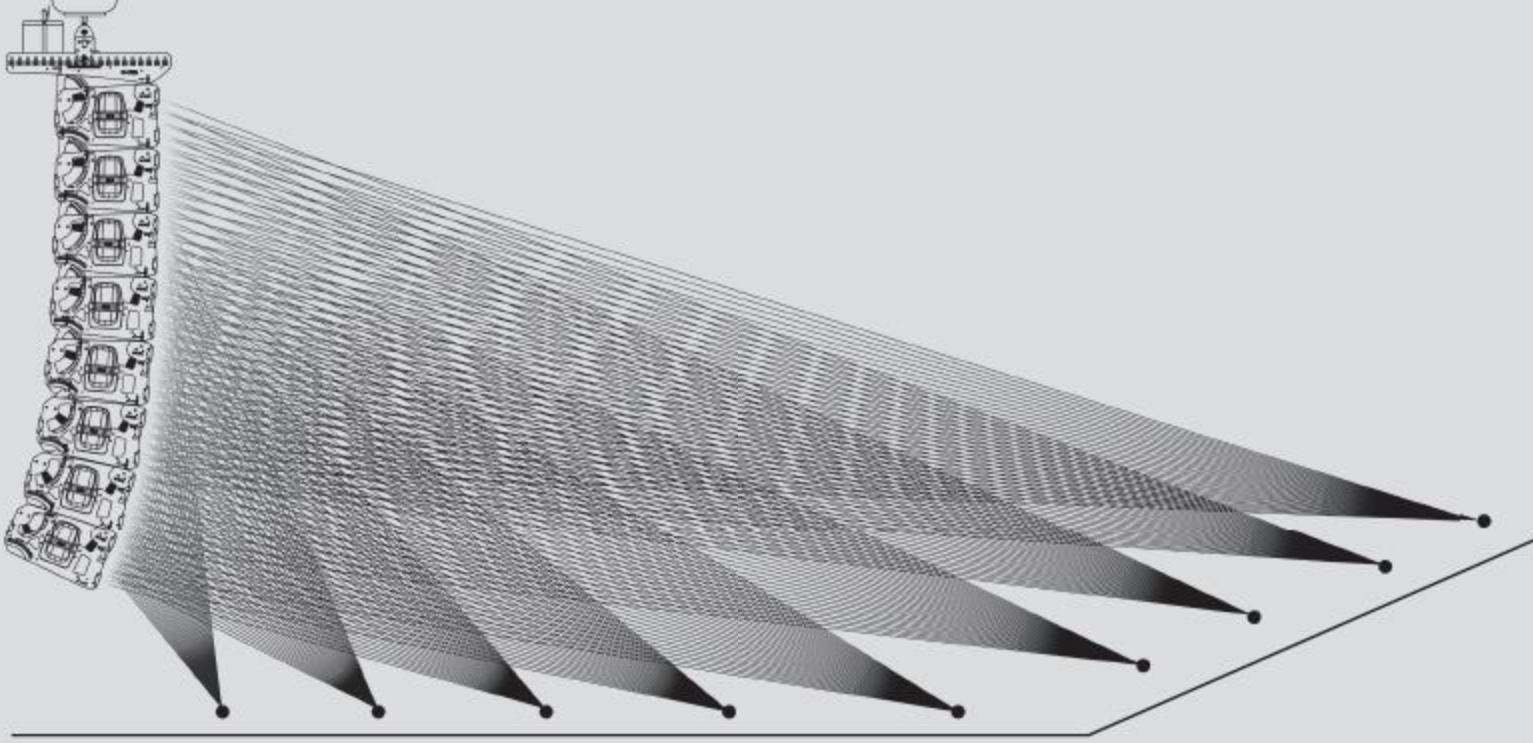
Model	AERO-20A/AERO-20.120A	AERO-40A
Nominal LF Amplifier Power	1600 Wpeak 800 Wcontinuous	2000 Wpeak 1000 Wcontinuous
Nominal MF Amplifier Power	-	1000 Wpeak 500 Wcontinuous
Nominal HF Amplifier Power	800 Wpeak 400 Wcontinuous	1000 Wpeak 500 Wcontinuous
Input Type	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line: 20 kohms	Line: 20 kohms
Sensitivity	Line: 4.9V (+16 dBu)	Line: 6.2 V (+18 dBu)
Frequency Range (-10 dB)	60 Hz - 20 kHz	60 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90°/120° Nominal	90° Nominal
Vertical Coverage	Splay Dependent	Splay Dependent
Rated Maximum Peak SPL at 1 m	136 dB	138 dB
Transducers/ Replacement Parts	LF: 1 x 12AN4/GM-12AN4 HF: 1 x M-7N5/GM-M75N	LF: 1 x 12GNRC/GM-12G MF: 1 x 8AN4/GM-8AN4 HF: 1 x M-75N/GM-M75N
Enclosure Geometry	Trapezoidal 3.5°	Trapezoidal 3.5°
Enclosure Material	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint
IP Rating	IP43	IP43
Rigging System	Integrated in box design	Integrated in box design
Connectors	AUDIO INPUT: Female XLR AUDIO LOOP THRU: Male XLR AUDIO+DATA INPUT: etherCON AUDIO+DATA LOOP THRU: etherCON AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1	AUDIO INPUT: Female XLR AUDIO LOOP THRU: Male XLR AUDIO+DATA INPUT: etherCON AUDIO+DATA LOOP THRU: etherCON AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1
AC Power Requierements	115 V, 3.6 A, 50 Hz/60 Hz 230 V, 1.8 A, 50 Hz/60 Hz	116 V, 6.0 A, 50 Hz/60 Hz 230 V, 3.0 A, 50 Hz/60 Hz
Dimensions (H x W x D)	320 x 650 x 445 mm 12.6 x 25.6 x 17.5 in	320 x 1012 x 520 mm 12.6 x 39.8 x 20.5 in
Weight	33.1 kg (72.8lb)	68 kg (149.6 lb)
Accessories	AX-AE20 Rigging System AXS-AE20 Stacking Base AX-COMBO2040 Rigging Adapter AX-118S20 Rigging System DASnet RACK FUN-4-AE20 Cover PL-20S Stacking Dolly PICKUP-AX-AE20	AX-AE40S3 Rigging System AXS-AE40 Stacking Base AX-COMBO2040 Rigging Adapter DASnet RACK FUN-4-AE40 Cover PL-40S Stacking Dolly PICKUP-AX-AE40S3

Externally powered

Model	AERO-50
Frequency Range (-10 dB)	45 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90° Nominal
Vertical Coverage	Splay Dependent
RMS Power Handling	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	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-M75N
Nominal Impedance	LF: 8 + 8 ohms MF: 8 ohms HF: 16 ohms
Enclosure Geometry	Trapezoidal 5°
Enclosure Material	Birch Plywood
Color/Finish	Black/ISO-flex Paint
Rigging System	Integrated in box design
Connectors	2 x NL8 speakON LF1±1, LF2±2, MF±3, HF±4
Dimensions (H x W x D)	630 x 1355 x 630 mm 24.8 x 53.3 x 24.8 in
Weight	85 kg (187 lb)
Accessories	AX-AE50 Rigging System AX-COMBO12 Rigging Adapter PL-50S Stacking Dolly PICKUP-AX-AE50

Empower your
AERO-40A &
AERO-20A

Wizink Center, Estaré Tour, Miguel Bosé, Spain

DASaim™

Touring and Live Performance

Con la tecnología DASaim™ puede lograr los objetivos deseados en segundos:

Nivel de SPL controlado con distancia.

Uniformidad de respuesta en frecuencia para todo el público.

Dirección digital del patrón de radiación vertical del array a las áreas de escucha.

Reduzca el SPL en áreas que deben evitarse como el escenario o balcones no utilizados.

Simplifique y agilice sus tiempos de diseño y configuración.

Mejore la inteligibilidad.

Mejore y haga su array más flexible sin el costo de procesadores externos, amplificadores procesados o cableado adicional y un FIR por recinto significa resolución máxima de espacio y control hasta frecuencias más altas.

With DASaim™ technology you can achieve your desired goals in seconds:

Controlled SPL level with distance.

Frequency response uniformity for the whole audience.

Digital steering of the vertical radiation pattern of the array to the listening areas.

Reduce the SPL in areas to be avoided like the stage or unused balconies.

Simplify and speed-up your design and set-up times.

Improve intelligibility.

Improve and make your array more flexible without the cost of external processors, processed amplifiers, or extra cabling and one FIR per cabinet means maximum space resolution and control up to higher frequencies.

dasaudio.com/dasaim

DASnet™ Rack-26

DASnet™ Rack-48

DASnet™ Racks

DASnet™ Rack-26
DASnet™ Rack-48
DASnet™ Rack-99
DASnet™ Rack-99-ETH

DASnet™ Rack-99

Touring and Live Performance

El DASnet™ Rack es un sistema de distribución de energía, señal y datos ensamblado en un robusto rack.

Comprende 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 DASnet™ patch panels and 32 A per phase power distro which can power two DASnet™ patch panels.

DASnet™ Rack-99-ETH

DASnet Racks

Model	DASnet™ Rack-26*	DASnet™ Rack-48**	DASnet™ Rack-99	DASnet™ Rack-99-ETH
Power Distro Type	Distro Racknet, 32 A, 400 V 3 Phase Active LEDS	Distro Racknet, 32 A, 400 V 3 Phase Active LEDS	Distro Racknet 32 9, 32 A, 400 V 3 Phase Active LEDS	A50 Distro1, 32 A, 400 V 3 Phase Active LEDS
Protection	1 x RCD40A/30mA/4P 6 x MCB 20A/C/1P	1 x RCD40A/30mA/4P 6 x MCB 20A/C/1P	1 x RCD40A/30mA/4P 9 x MCB 16A/C/1P	1 x RCD40A/30mA/4P 9 x MCB 16A/C/1P
Connectors	AC in: 32A/CEE/400 V/5P AC Thru: 32A/CEE/400 V/5P AC Out: 6 x 16A Shuko + aux Audio in: 2 x Female XLR Audio Out: 6 x Male XLR DASnet In: Female XLR DASnet Out: Male XLR Ethercon Out x 6 Audio Link x 6 DASnet RS485 in/out	AC in: 32A/CEE/400 V/5P AC Thru: 32A/CEE/400 V/5P AC Out: 6 x 16A Shuko + aux Audio in: 4 x Female XLR Audio Out: 8 x Male XLR: DASnet In: Female XLR DASnet Out: Male XLR Ethercon Out x 8 Audio Link x 8 DASnet RS485 in/out	AC in: 32A/CEE/400 V/5P AC Thru: 32A/CEE/400 V/5P AC Out: 9 x 16A Shuko + aux Audio in: 9 x Female XLR Audio Out: 2 x Male XLR/9 Rear DASnet In: Female XLR DASnet Out: Male XLR Ethercon Out x 9 Audio Link x 8 DASnet Switch	AC in: 32A/CEE/400 V/5P AC Thru: 32A/CEE/400 V/5P AC Out: 9 x 16A Shuko + aux Audio in: 9 x Female XLR Audio Out: 2 x Male XLR/9 Rear DASnet In: Female XLR DASnet Out: Male XLR Ethercon Out x 9 Audio Link x 8 DASnet Switch
Rack Size	10u	10u	8u	8u
Construction	9 mm Birch Plywood 100 mm casters with brakes Front and rear covers Professional grade hardware	9 mm Birch Plywood 100 mm casters with brakes Front and rear covers Professional grade hardware	9 mm Birch Plywood 100 mm casters with brakes Front and rear covers Professional grade hardware	9 mm Birch Plywood 100 mm casters with brakes Front and rear covers Professional grade hardware
Dimensions (H x W x D)	701 × 582 × 873 mm (w/wheels) 27.6 × 22.9 × 34.4 in (w/wheels)	701 × 582 × 873 mm (w/wheels) 27.6 × 22.9 × 34.4 in (w/wheels)	720 x 550 x 425 mm (w/wheels) 28.3 x 21.6 x 16.7 in (w/wheels)	720 x 550 x 425 mm (w/wheels) 28.3 x 21.6 x 16.7 in (w/wheels)
Weight	36.5 kg (80.3 lb)	36.5 kg (80.3 lb)	33.2 kg (73.2 lb)	33.2 kg (73.2 lb)

*DASnet™ Rack-26 includes 1 x DSP-2060A Digital Processor
**DASnet™ Rack-48 includes 1 x DSP-4080 Digital Processor

Bajos dinámicos, profundos y potentes

—

Dynamic, deep and powerful bass

Arenal Sound, Spain

UX series

LX-118A
UX-218A/UX-218A-R
UX-221A
UX-30A
UX-218-R
UX-218/UX-218-R
UX-221

Touring and Live Performance

La excepcional serie de subgraves UX está disponible tanto en las versiones autoamplificadas como pasivas de sus formatos 2 x 18" como 2 x 21".

La serie UX se incorpora a la gama de productos DAS como respuesta a la demanda de subgraves de alta potencia en formato compacto y de fácil transporte.

The exceptional range of the UX subwoofer systems offers both powered and passive versions in the 2 x 18" and 2 x 21" formats.

The UX series enters the line-up of DAS products in response to demands for high output subwoofer systems in a compact, truck-pack friendly format.

LX-118A

Puntos Clave	Sistema subgraves line array autoamplificado Amplificador 1200 Wcontinuos clase D Monitoreo y control remotos vía DASnet™ Selección preajuste cardioide DASnet™ Selección preajuste filtro pasa-bajos Sistema de colgado ultra rápido integrado Compatible con Aero-20A
Key Features	Arrayable powered subwoofer system 1200 Wcontinuous Class D amplifier 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-218A-R

Puntos Clave	Subgraves autoamplificado de alta potencia Amplificación Clase D 2 x 1700 Wcontinuos Equipado con sistema de comunicación DASnet™ Dos altavoces de neodimio DAS 18" de nuevo diseño Sólida construcción en contrachapado de abedul Configuración "cross-fire" de los altavoces Versión A-R equipada con sistema de volado (imagen versión A-R)
Key Features	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 A-R version with factory installed rigging hardware (A-R shown)

UX-221A

Puntos Clave	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
Key Features	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

Puntos Clave	Sistema de subgraves 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 frente a sistemas convencionales
Key Features	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

UX-218/UX-218R

Puntos Clave	Sistema de bajas frecuencias de gran rendimiento Dos altavoces de neodimio DAS 18" de nuevo diseño Sólida construcción en contrachapado de abedul Configuración "cross-fire" de los altavoces Versión R equipada con sistema de volado (imagen versión UX-218)
Key Features	High output low frequency system Two newly designed 18" neodymium loudspeakers Solid Birch plywood construction Speaker mounted in a "cross-fire" configuration R version with factory installed rigging hardware (UX-218 shown)

UX-221

| Puntos Clave	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 controlada
Key Features	High power ultra low frequency system Twin 21" neodymium loudspeakers with 6" voice coils Solid 21 mm Birch plywood construction Powerful and controlled bass reproduction
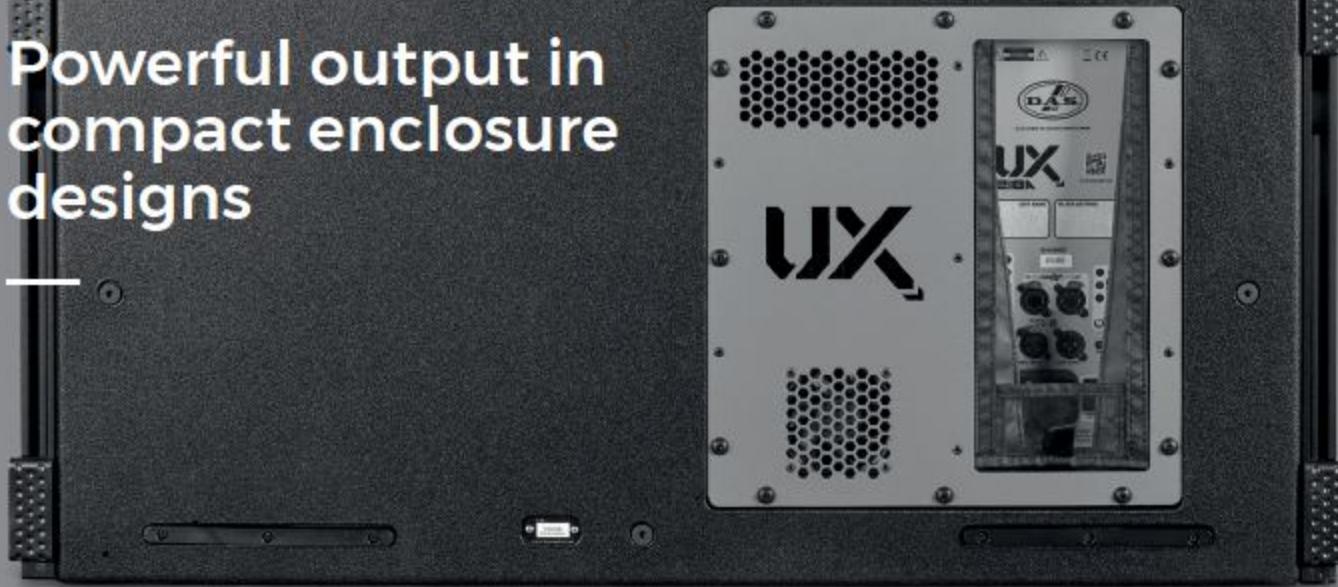
Gran rendimiento en cajas de tamaño compacto

—

Powered

Model	LX-118A	UX-218A/UX-218A-R	UX-221A	UX-30A
Nominal LF Amplifier Power	2400 Wpeak 1200 Wcontinuous	2 x 3400 Wpeak 2 x 1700 Wcontinuous	2 x 6800 Wpeak 2 x 3400 Wcontinuous	15000 Wpeak 7500 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: 4.9V (+16 dBu)	Line: 4.9V (+16 dBu)	Line: 4.9V (+16 dBu)
Frequency Range (-10 dB)	33 Hz – 120 Hz	28 Hz – 125 Hz	28 Hz – 125 Hz	28 Hz – 125 Hz
Rated Maximum Peak SPL at 1 m	135 dB	143 dB	145 dB	145 dB
Transducers/Replacement Parts	LF: 1 x 18LXN/GM 18LX	LF: 2 x 18UXN4/CM-18UXN4	LF: 2 x 21UXN/GM-21UXN	LF: 1 x M-FORCE-M
Enclosure Geometry	Rectangular	Rectangular	Rectangular	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	Ground Stackable Integrated in box design (R)	Ground Stackable Rigging points	Ground Stackable
Connectors	Audio INPUT: Female XLR Aduio LOOP THRU: Male XLR Audio+DATA INPUT: etherCON Audio+DATA LOOP THRU: etherCON AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1	AUDIO INPUT: Female XLR AUDIO LOOP THRU: Male XLR AUDIO+DATA INPUT: etherCON AUDIO+DATA OUTPUT: etherCON AC INPUT: powerCON TRUE1 AC OUTPUT: powerCON TRUE1	AUDIO INPUT: Female XLR AUDIO LOOP THRU: Male XLR AUDIO+DATA INPUT: etherCON AUDIO+DATA OUTPUT: etherCON AC INPUT: powerCON TRUE1 -	AUDIO INPUT: Female XLR AUDIO LOOP THRU: Male XLR AUDIO+DATA INPUT: etherCON AUDIO+DATA OUTPUT: etherCON AC INPUT: powerCON TRUE1 -
AC Power Requierements	6.0A, 115 V, 50 Hz/60 Hz 3.0A, 230 V, 50 Hz/60 Hz	Universal Mains 85-230 V 9 A at 115 V, 4.5 A at 230 V	Universal Mains 85-230 V 18.4 A at 115 V, 9.2 A at 230 V	Universal Mains 85-230 V 12.4 A at 115 V, 6.2 A at 230 V
Dimensions (H x W x D)	500 x 650 x 810 mm 19.7 x 25.6 x 31.9 in	515 x 955 x 1005 mm 515 x 1015 x 1010 mm (R) 20.3 x 37.6 x 39.6 in 20.3 x 40 x 39.8 in (R)	615 x 1195 x 1100 mm 24.2 x 47 x 43.3 in	610 x 1055 x 800 mm 24 x 41.5 x 31.5 in
Weight	47 kg (104 lb)	92 kg (202.4 lb) 134 kg (294.8 lb) (R)	150 kg (330 lb)	111 kg (244 lb)
Accessories	AX-LX118S2 Rigging System AX-118S20 Rigging Adapter PICKUP-AX-AE20 PL-118S Stacking Dolly	ANL-2 Eye Bolt AX-UX218 Rigging System FUN-2-UX218 Cover FUN-3-UX218 Cover PL-UX218S Stacking Dolly PL-UX218RS (R) Stacking Dolly PICKUP-AX-AE40S3	ANL-2 Eye Bolt FUN-2-UX221 Tansport Cover PL-221S Stacking Dolly	AX-SF2 Joining Plate FUN-2-UX30 Cover PL-30S Stacking Dolly

Powerful output in compact enclosure designs

—

Externally powered

Model	UX-218/UX-218R	UX-221
Frequency Range	28 Hz – 125 Hz	28 Hz – 125 Hz
RMS (Average) Power Handling	2200 W	2 x 2000 W
On-Axis sensitivity 1 W/1 m	103 dB SPL	104 dB SPL
Rated Maximum Peak SPL at 1 m	143 dB	145 dB
Transducers/Replacemnt Parts	LF: 2 x 18UXN/GM-18UXN	LF: 2 x 21UXN4/GM-21UXN4
Nominal Impedance	4 ohms	4 ohms
Enclosure Geometry	Rectangular	Rectangular
Enclosure Material	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	Ground stackable Integrated in box design (R)	Ground stackable
Connectors	4 x NL4 speakON wired ± 1	4 x NL4 speakON wired ± 2
Dimensions (H x W x D)	515 x 955 x 1005 mm 515 x 1015 x 1010 mm (R) 20.3 x 37.6 x 39.6 in 20.3 x 40 x 39.8 in (R)	615 x 1195 x 1100 mm 24.2 x 47 x 43.3 in
Weight	87 kg (191.8 lb) 129 kg (283.8 lb) (R)	130 kg (286 lb)
Accessories	ANL-2 Eye Bolt AX-UX218 Rigging System FUN-2-UX218 Cover FUN-3-UX218 Cover PL-UX218S Stacking Dolly PL-UX218RS (R) Stacking Dolly PICKUP-AX-AE40S3	ANL-2 Eye Bolt FUN-2-UX221 Cover PL-221S Stacking Dolly

Fiel reproducción vocal y potencia

—

Faithful voice reproduction and power

Viña Rock Festival, Spain

road series

ROAD-12A/ROAD-12A.NET
ROAD-15A/ROAD-15A.NET

Touring and Live Performance

La serie de monitores de escenario Road ha sido diseñada para mejorar la actuación del artista y por consiguiente asegurar el éxito del evento.

La serie Road emplea una configuración de dos-vías autoamplificadas. El recinto de compactas dimensiones ofrece un diseño de bajo perfil sin sacrificar potencia ni calidad sonora.

The 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.

ROAD-12A/ROAD-12A.NET

Puntos Clave	Monitor escenario autoamplificado de bajo perfil
	Biamplificación Clase D 550 W LF + 220 W HF
	1 x altavoz DAS 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)

Key Features	Powered low-profile stage monitor system
	Class D bi-amplification 550 W LF + 220 W HF
	1 x DAS 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
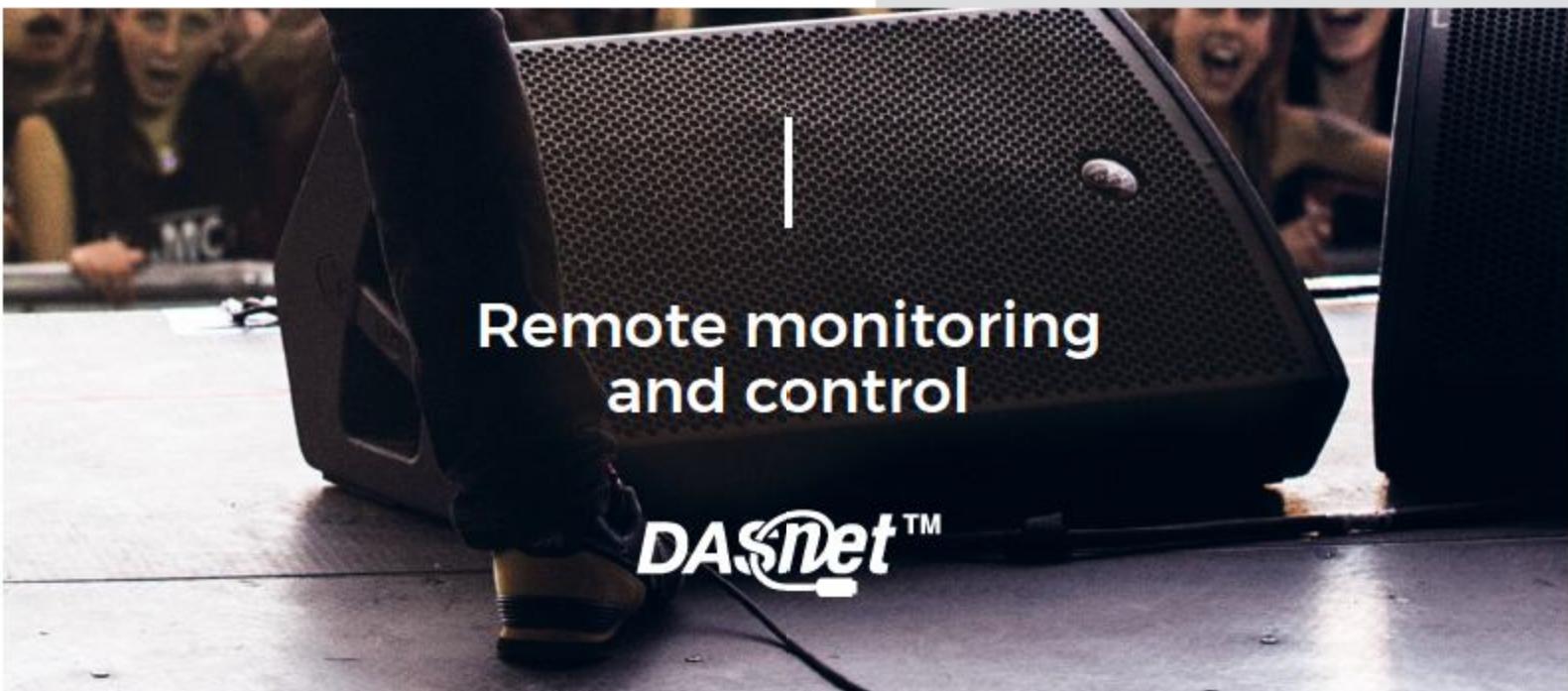
Puntos Clave	Monitor escenario autoamplificado de bajo perfil
	Biamplificación Clase D 550 W LF + 220 W HF
	1 x altavoz DAS 15"
	1 x motor de compresión M-75
	Panel de conectores y LEDS escondidos
	Versiones derecha-izquierda
	Gestión y monitoreo remotos vía DASnet™ (versión .net)

Key Features	Powered low-profile stage monitor system
	Class D bi-amplification 550 W LF + 220 W HF
	1 x DAS 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)

Remote monitoring and control

DASnet™

Versiones izquierda/derecha

—
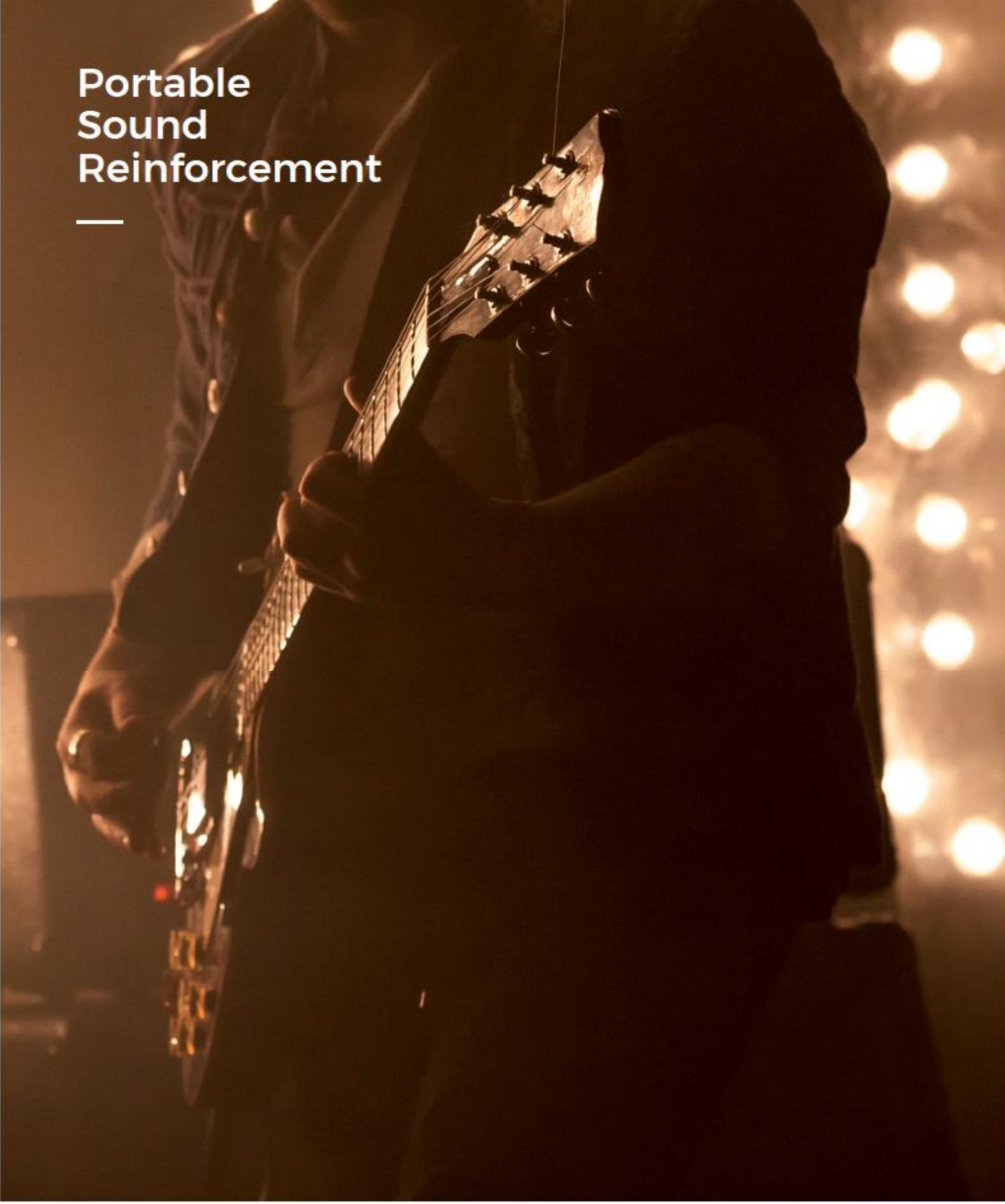
Left/right versions

Powered

Model	ROAD-12A/ROAD-12A.NET	ROAD-15A/ROAD-15A.NET
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 Differential Line	Balanced Differential Line
Input Impeadance	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	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-M75N	LF: 15R4/GM-15R4 HF: M-75/GM-M75N
Connectors	AUDIO INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AUDIO+DATA INPUT (net version): etherCON AUDIO + DATA LOOP THRU(net version): etherCON AC INPUT: powerCON AC OUTPUT: powerCON AC INPUT (net version): powerCON TRUE1 AC OUTPUT (net version): powerCON TRUE1	AUDIO INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AUDIO+DATA INPUT (net version): etherCON AUDIO + DATA LOOP THRU(net version): etherCON AC INPUT: powerCON AC OUTPUT: powerCON AC INPUT (net version): powerCON TRUE1 AC OUTPUT (net version): powerCON TRUE1
AC Power Requierements	115 V, 3.4 A, 50 Hz/60 Hz 230 V, 1.7 A, 50 Hz/60 Hz	115 V, 3.4 A, 50 Hz/60 Hz 230 V, 1.7 A, 50 Hz/60 Hz
Dimensions (H x W x D)	325 x 645 x 470 mm 12.8 x 25.4 x 18.5 in	375 x 745 x 535 mm 14.8 x 29.3 x 21.1 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

Portable
Sound
Reinforcement

—

Prestaciones profesionales DAS a tu alcance

—

DAS professional performance at your reach

Tour Fornalha Dunamis, Brazil

event series

EVENT-208A
EVENT-210A
EVENT-212A/EVENT-212.120A
EVENT-M210A
EVENT-121A
EVENT-218A

Portable Sound Reinforcement

Más DAS que nunca...

Los sistemas Event ponen a tu alcance las mundialmente aclamadas prestaciones DAS como nunca antes. Para aplicaciones portátiles en directo o instalaciones fijas, los Event Line Array han sido diseñados para proporcionar un excepcional sonido, una constante fiabilidad y un valor incomparable como herramientas de trabajo.

More DAS than ever...

The Event Line Arrays put the world acclaimed DAS 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.

EVENT-208A

Puntos Clave	Line array tres vías autoamplificado Ligero amplificador Clase D Componentes DSP de alta gama Sistema configuración Easy-DSP™ 2 x altavoces DAS 8" en configuración doble-banda 1 x motor DAS M-75 Recinto de abedul de alta calidad Sistema profesional de volado rápido
Key Features	Powered 3-way line array system Light-weight Class D amplifier topology High-end DSP chipsets Easy-DSP™ Interface for fast setup 2 x DAS 8" loudspeakers in dual band configuration 1 x DAS M-75 compression driver Top grade Birch cabinet construction Robust quick-rig professional rigging hardware

EVENT-210A

Puntos Clave	Line array tres vías autoamplificado Ligero amplificador Clase D Componentes DSP de alta gama Sistema configuración Easy-DSP™ 2 x altavoces DAS 10" en configuración doble-banda 1 x motor DAS M-75 Recinto de abedul de alta calidad Acabado alta durabilidad ISO-flex Sistema profesional de volado rápido
Key Features	Powered 3-way line array system Light-weight Class D amplifier topology High-end DSP chipsets Easy-DSP™ Interface for fast setup 2 x DAS 10" loudspeakers in dual band configuration 1 x DAS M-75 compression driver Top grade Birch cabinet construction Robust quick-rig professional rigging hardware

EVENT-212A/EVENT-212.120A

Puntos Clave	Line array tres vías autoamplificado Amplificador Clase D 3 x 1000 Wpico Interfaz DAScontrol™ para ajustes rápidos Componentes DSP de alta gama con filtros FIR 2 x altavoces DAS 12" en configuración doble-banda 1 x motor DAS M-75 EVENT-212A.120A con cobertura amplia de 120° Recinto de abedul de alta calidad Acabado alta durabilidad ISO-flex Sistema profesional de volado rápido
Key Features	Powered 3-way line array system Class D amplifier 3 x 1000 Wpeak DAScontrol™ Interface for fast setup High-end DSP chipsets with FIR filters 2 x DAS 12" loudspeakers in dual band configuration 1 x DAS M-75 compression driver EVENT-212A.120A with 120° wide coverage Top grade Birch cabinet construction Robust quick-rig professional rigging hardware

EVENT-M210A

Puntos Clave	Monitor tres vías autoamplificado Ligero amplificador Clase D Componentes DSP de alta gama 2 x altavoces DAS 10" en configuración doble-banda 1 x motor DAS M-60 Difusor de dispersión vertical asimétrico 20°up/30°down Recinto de abedul de alta calidad Acabado alta durabilidad ISO-flex
Key Features	Powered 3-way stage monitor Light-weight Class D amplifier topology High-end DSP chipsets 2 x DAS 10" loudspeakers in dual band configuration 1 x DAS M-60 compression driver Asymmetric vertical dispersion 20° up/30° down Top grade Birch cabinet construction Durable ISO-flex finish

EVENT-121A

Puntos Clave	Subgraves autoamplificado de radiación directa y carga trasera 1 x altavoz 21" DAS 21LFN de neodimio 3200 Wpico – 1600 Wcontinuos Amplificador Clase D y procesador digital de señal 2 entradas balanceadas con salidas estéreo filtradas Filtro pasa-bajos variable 63 Hz-100 Hz Zócalo para mástil en la parte superior 2 ruedas traseras para facilitar transporte Recinto de abedul acabado con recubrimiento ISO-flex
Key Features	Active direct radiating rear-loaded subwoofer system 1 x 21" DAS 21LFN neodymium loudspeaker 3200Wpeak – 1600 Wcontinuous Class D amplifier and digital signal processing (DSP) Two balanced inputs with stereo filtered output connections Variable low-pass filter 63 Hz-100 Hz Top located pole mount socket for TRD-6 optional pole mount Rear located wheels to ease transport Top grade Birch cabinet construction with tough ISO-flex finish

EVENT-218A

Puntos Clave	Subgraves autoamplificado alto rendimiento Amplificador 3600 Wpico Clase D 2 x altavoces DAS 18" con bobina de 4" Configuración tipo bass-reflex Acabado alta durabilidad ISO-flex
Key Features	Powered high performance subwoofer 3600 Wpeak Class D amplifier 2 x DAS 18" loudspeakers with 4" voice coils Front loaded bass-reflex configuration Durable ISO-flex finish

Event Series

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Fáciles de configurar, ajustar y utilizar

Powered

Model	EVENT-208A	EVENT-210A	EVENT-212A
Nominal LF Amplifier Power	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	1000 Wpeak - 500 Wcontinuous
Nominal MF Amplifier Power	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	1000 Wpeak - 500 Wcontinuous
Nominal HF Amplifier Power	360 Wpeak - 180 Wcontinuous	360 Wpeak - 180 Wcontinuous	1000 Wpeak - 500 Wcontinuous
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
Input Impeadance	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)
Frequency Range (-10 dB)	75 Hz - 20 kHz	70 Hz - 20 kHz	60 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90° Nominal	90° Nominal	90° Nominal
Vertical Coverage	Splay Dependent	Splay Dependent	Splay Dependent
Rated Maximum Peak SPL at 1 m	132 dB	134 dB	135 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: 1 x 12Mi4/GM-12Mi4 MF: 1 x 12Mi4/GM-12Mi4 HF: 1 x M-75/GM-75
Enclosure Geometry	Trapezoidal 5°	Trapezoidal 5°	Trapezoidal 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	Integrated in box design	Integrated in box design
Connectors	INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON	INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON	INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON
AC Power Requierements	115 V, 2.6 A, 50 Hz/60 Hz 230 V, 1.3 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 3.6 A, 50 Hz/60 Hz 230 V, 1.8 A, 50 Hz/60 Hz
Dimensions (H x W x D)	275 x 675 x 370 mm 10.8 x 26.6 x 14.6 in	275 x 735 x 370 mm 10.8 x 28.9 x 14.6 in	325 x 855 x 435 mm 12.8 x 33.7 x 17.1 in
Weight	30 kg (66 lb)	34 kg (74.8 lb)	40.5 kg (89 lb)
Accessories	AX-COMBOEV1208 Adapter AX-EV208 Rigging System AXC-ZT Top Hat AXS-EV208 Stacking Base FUN-4-EV208 Cover PICKUP-AX-EV208 PL-EV208S Stacking Dolly	AX-COMBOEV1210 Adapter AX-EV210 Rigging System AXC-ZT Top Hat AXS-EV210 Stacking Base FUN-4-EV210 Cover PICKUP-AX-EV210 PL-EV210S Stacking Dolly	AX-EV212 Rigging System AX-COMBOEV1208 Adapter AX-COMBOEV1210 Adapter AXS-EV212 Stacking Base FUN-4-EV212 Cover PICKUP-AX-EV212 PL-EV212S Stacking Dolly

	EVENT-212.120A	EVENT-M210A	EVENT-121A	EVENT-218A
	1000 Wpeak - 500 Wcontinuous	360 Wpeak - 180 Wcontinuous	3200 Wpeak - 1600 Wcontinuous	3200 Wpeak - 1600 Wcontinuous
	1000 Wpeak - 500 Wcontinuous	360 Wpeak - 180 Wcontinuous	-	-
	1000 Wpeak - 500 Wcontinuous	360 Wpeak - 180 Wcontinuous	-	-
	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms	Line: 20 kohms
	Line: 6.2 V (+18 dBu)	Line: 6.2 V (+18 dBu)	Line: 6.2 V (+18 dBu)	Line: 6.2 V (+18 dBu)
	60 Hz - 20 kHz	70 Hz - 20 kHz	30 Hz - 125 Hz	32 Hz - 125 Hz
	120° Nominal	60° Nominal	-	-
	Splay Dependent	20° Up - 30° Down	-	-
	134 dB	132 dB	141 dB	140 dB
	LF: 1 x 12Mi4/GM-12Mi4 MF: 1 x 12Mi4/GM-12Mi4 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: 1 x 21LFN/GM-21LF	LF: 2 x 18LX/GM-18LX
	Trapezoidal 5°	Wedge	Rectangular	Rectangular
	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
	Integrated in box design	-	-	-
	INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON	INPUT: 1 x Female XLR LOOP THRU: 1 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: 1 x powerCON AC OUTPUT: 1 x powerCON
	116 V, 3.6 A, 50 Hz/60 Hz 230 V, 1.8 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 7.2 A, 50 Hz/60 Hz 230 V, 3.6 A, 50 Hz/60 Hz	115 V, 6.0 A, 50 Hz/60 Hz 230 V, 3.0 A, 50 Hz/60 Hz
	325 x 855 x 435 mm 12.8 x 33.7 x 17.1 in	340 x 650 x 460 mm 13.4 x 25.6 x 18.1 in	965 x 740 x 755 mm 38 x 29.1 x 29.7 in	550 x 1065 x 675 mm 21.7 x 41.9 x 26.6 in
	40.5 kg (89 lb)	24.5 kg (53.9 lb)	75 kg (165 lb)	70 kg (154 lb)
	AX-EV212 Rigging System AX-COMBOEV1208 Adapter AX-COMBOEV1210 Adapter AXS-EV212 Stacking Base FUN-4-EV212 Cover PICKUP-AX-EV212 PL-EV212S Stacking Dolly	-	AXS-EV210 Stacking Base FUN-2-EV121 PL-EV121S TRD-6	FUN-2-EV218 Cover PL-EV218S Stacking Dolly TRD-6 Pole Mount

Gran sonido
y facilidad
de uso

—

Great sound
and ease-of-use

VANTEC SERIES

VANTEC-12A/VANTEC-12
VANTEC-15A/VANTEC-15
VANTEC-215A/VANTEC-215
VANTEC-20A
VANTEC-118A
VANTEC-18A/VANTEC-18
VANTEC-218A/VANTEC-218

Portable Sound Reinforcement

DASlink™

DASlink™
GROUP MANAGER

DAScontrol™

DAS 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.

DAS 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.

VANTEC-12A/VANTEC-12

Puntos Clave	Sistema multipropósito autoamplificado Biamplificación Clase D 1500 W 1 x altavoz DAS de 12" 1 x motor de compresión M-28 DSP definible por el usuario con pantalla LCD Streaming inalámbrico de música en alta definición Vaso para trípode con doble ángulo (0°/10°) Posición monitor escenario y puntos de volado Vantec 12 es la versión pasiva
Key Features	Powered multi-purpose system Class D bi-amplification 1500 W 1 X 12" DAS loudspeaker 1 x M-28 compression driver User definable DSP with LCD screen Wireless music streaming in high definition Dual angle pole mount 0°/10° Floor monitor position and rigging points Passive version is the Vantec 12

VANTEC-15A/VANTEC-15

Puntos Clave	Sistema multipropósito autoamplificado Biamplificación Clase D 1500 W 1 x altavoz DAS de 15" 1 x motor de compresión M-28 DSP definible por el usuario con pantalla LCD Streaming inalámbrico de música en alta definición Vaso para trípode con doble ángulo (0°/10°) Posición monitor escenario y puntos de volado Vantec 15 es la versión pasiva
Key Features	Powered multi-purpose system Class D bi-amplification 1500 W 1 X 15" DAS loudspeaker 1 x M-28 compression driver User definable DSP with LCD screen Wireless music streaming in high definition Dual angle pole mount 0°/10° Rigging points Passive version is the Vantec 15

VANTEC-215A/VANTEC-215

Puntos Clave	Sistema amplia gama autoamplificado Triamplificación Clase D 2250 W 2 x altavoz DAS de 15" 1 x motor de compresión M-28 DSP definible por el usuario con pantalla LCD Streaming inalámbrico de música en alta definición Puntos de volado Vantec 215 es la versión pasiva
Key Features	Powered full-range system Class D tri-amplification 2250 W 2 X 15" DAS loudspeaker 1 x M-28 compression driver User definable DSP with LCD screen Wireless streaming of music in high definition Rigging points Passive version is the Vantec 215

VANTEC-20A

Puntos Clave	Line array autoamplificado de curvatura constante Bi-amplificado Clase D 1500 Wpico Filtros FIR para una respuesta de fase lineal 1 x DAS 12F4C + 2 x M-60 motores de compresión Diseño compacto con gran capacidad de rendimiento Interfaz DAScontrol™ con preajustes y configuraciones DASlink™ para streaming y control remoto Zócalo para mástil con inclinación variable +/- 13.5°
Key Features	Active curved source line array Class D Bi-amplified 1500 Wpeak FIR filters for linear phase response 1 x DAS 12F4C + 2 x M-60 compression drivers Compact design with high output capabilities DAScontrol™ with presets and configurations DASlink™ wireless streaming and remote control +/- 13.5° variable tilt pole mount

VANTEC-118A

Puntos Clave	Sistema subgrave autoamplificado de carga frontal 1 x 18" DAS 18FW altavoz Amplificador Clase D 2000 Wpico Procesado digital de señal (DSP) Interruptor EQ graves "Deep-Loud" Filtro variable "pasa-bajos" 80 Hz-125 Hz Interruptor ON/OFF con LED en la placa trasera Zócalo para mástil en la parte superior
Key Features	Active front-loaded subwoofer system 1 x 18" DAS 18FW loudspeaker Class D amplifier 2000 Wpeak Digital signal processing (DSP) Unique "Deep-Loud" bass EQ switch Variable low-pass filter 80 Hz-125 Hz LED ON/OFF switch Top located pole mount socket

VANTEC-18A/VANTEC-18

Puntos Clave	Subgraves compacto autoamplificado Amplificador Clase D 2000 W 1 x altavoz DAS 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
Key Features	Powered compact subwoofer system Class D 2000 W amplifier 1 x DAS 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

VANTEC-218A/VANTEC-218

Puntos Clave	Subgraves compacto autoamplificado Amplificador Clase D 4000 Wpico 2 x altavoz DAS de 18" Selector EQ Deep-Loud Conmutador con función "Filtro/Loop Thru" Filtro pasa-bajos variable Control de ganancia Inversor de polaridad (0°-180°) Vantec 218 es la versión pasiva
Key Features	Powered compact subwoofer system Class D 4000 Wpeak amplifier 2 x DAS 18" loudspeaker Deep-Loud EQ selector Filtered output defeat switch Variable low-pass filter Gain control and polarity switch (0°-180°) Passive version is the Vantec 218

Powered
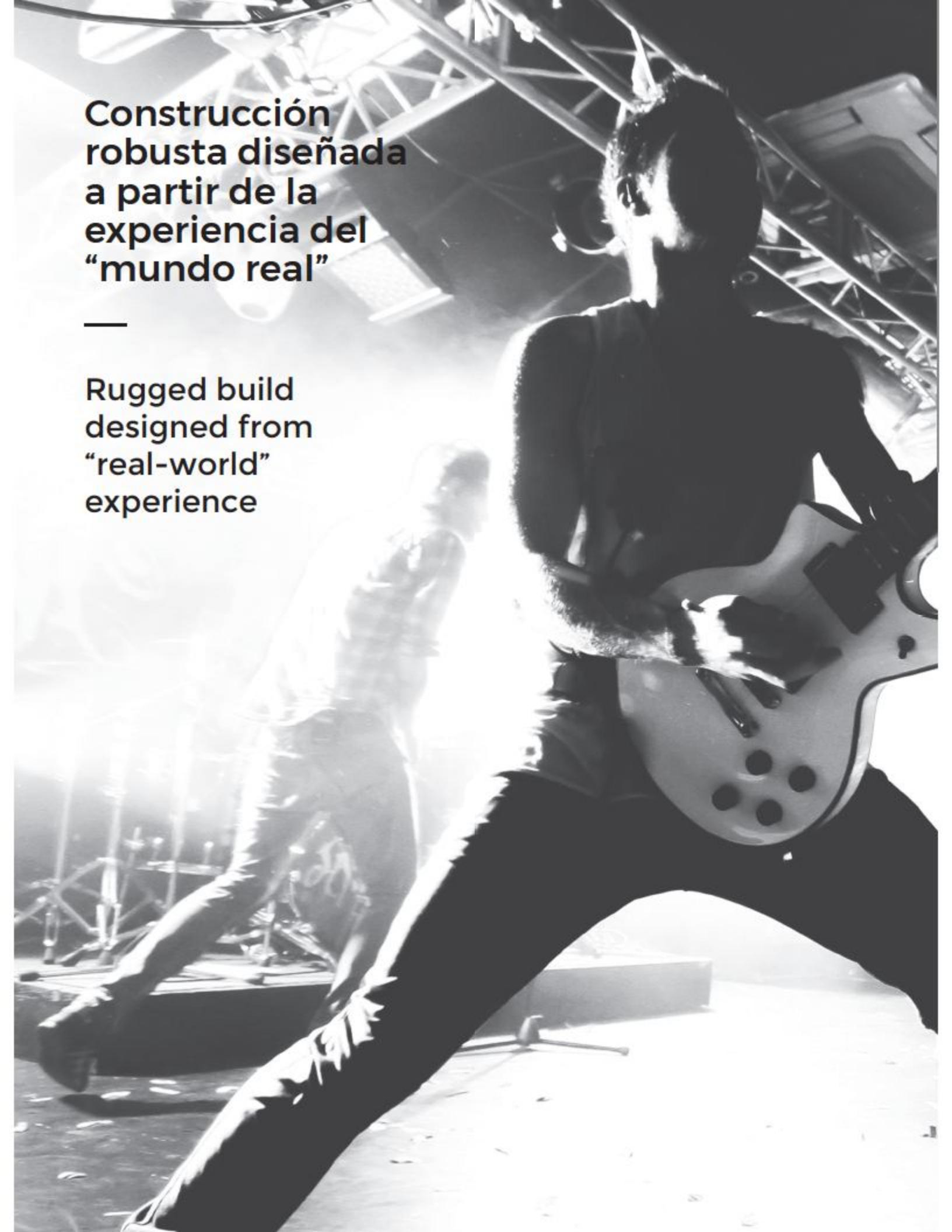
Model	VANTEC-12A	VANTEC-15A	VANTEC-215A	VANTEC-20A
Nominal Amplifier Power	1500 Wpeak 750 Wcontinuous Class D, Biamplified	1500 Wpeak 750 Wcontinuous Class D, Biamplified	2250 Wpeak 1125 Wcontinuous Class D, Biamplified	1500 Wpeak 750 Wcontinuous Class D, Biamplified
Input Type	Balanced	Balanced	Balanced	Balanced
Input Impedance	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)
Frequency Range (-10 dB)	60 Hz - 20 kHz	45 Hz - 20 kHz	40 Hz - 20 kHz	63 Hz - 20 kHz
HF Horn Coverage Angles (-6 dB)	90° x 50°	90° x 50°	90° x 50°	90° x 15°
Rated Maximum Peak SPL at 1 m	135 dB	135 dB	138 dB	135 dB
Transducers/ Replacement Parts	LF: 12F4/GM-12FV HF: M-28/M-28	LF: 15FV4/GM-15FV4 HF: M-28/M-28	LF: 2 X 15F4/GM-15F4 HF: M-28/M-28	LF: 12F4C/GM-12F4 HF: 2 X M-60/GM-60
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	M10 Rigging Points	M10 Rigging Points	M10 Rigging Points	Integrated in box design
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 AC OUTPUT: powerCON
AC Power Requirements	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz
Dimensions (H x W x D)	620 x 380 x 380 mm 24.4 x 15 x 15 in	720 x 380 x 380 mm 28.3 x 15 x 15 in	1090 x 445 x 505 mm 42.9 x 17.5 x 19.9 in	335 x 625 x 440 mm 13.2 x 24.6 x 17.3 in
Weight	21 kg (46.2 lb)	24 kg (52.8 lb)	41 kg (90.2 lb)	28.6 kg (62.9 lb)
Accessories	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount FUN-VT12 Cover	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount FUN-VT15 Cover	ANL-2 Eye Bolt FUN-VT215 Cover	AX-VT20 Rigging System PL-VT20S Stacking Dolly FUN-3-VT20 Cover ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount

Powered

Model	VANTEC-18A	VANTEC-118A	VANTEC-218A
Nominal Amplifier Power	2000 Wpeak 1000 Wcontinuous Class D, Biamplified	2000 Wpeak 1000 Wcontinuous Class D, Biamplified	4000 Wpeak 2000 Wcontinuous Class D, Biamplified
Input Type	Balanced	Balanced	Balanced
Input Impedance	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)
Frequency Range (-10 dB)	Loud: 35 Hz – 125 Hz Deep: 30 Hz – 125 Hz	35 Hz – 125 Hz	Loud: 35 Hz – 125 Hz Deep: 30 Hz – 125 Hz
Rated Maximum Peak SPL at 1 m	134 dB	134 dB	140 dB
Transducers/Replacement Parts	18LX/GM-18LX	2 x 18FW/GM-18FW	2 x 18LX/GM-18LX
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	-
Connectors	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	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON
AC Power Requirements	115 V, 3 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 4.4 A, 50 Hz/60 Hz 230 V, 2.2 A, 50 Hz/60 Hz	115 V, 6 A, 50 Hz/60 Hz 230 V, 3 A, 50 Hz/60 Hz
Dimensions (H x W x D)	720 x 545 x 655 mm 28.3 x 21.5 x 25.8 in	490 x 615 x 785 mm 19.3 x 24.2 x 30.9 in	1070 x 545 x 675 mm 42.1 x 21.5 x 26.6 in
Weight	36 kg (79.2 lb)	45.2 kg (99.4 lb)	72 kg (158.4 lb)
Accessories	ANL-2 Eye Bolt FUN-VT18 Cover TRD-6 Pole Mount	FUN-2-VT118 Cover PL-VT118S Stacking Dolly TRD-6 Pole Mount	ANL-2 Eye Bolt TRD-6 Pole Mount

Externally powered

Model	VANTEC-12	VANTEC-15	VANTEC-215	VANTEC-18	VANTEC-218
Peak Power Handling	2000 W	2000 W	4000 W	4000 W	8000 W
RMS (Average) Power Handling	500 W	500 W	1000 W	1000 W	2000 W
Frequency Range (-10 dB)	65 Hz – 20 kHz	60 Hz – 20 kHz	55 Hz – 20 kHz	45 Hz – 138 Hz	30 Hz – 125 Hz
Nominal Impedance	8 ohms	8 ohms	4 ohms	8 ohms	4 ohms
On-axis Sensitivity 1 W/1 m	98 dB SPL	99 dB SPL	102 dB SPL	98 dB SPL	101 dB SPL
Maximum Peak SPL at 1 m	135 dB	135 dB	138 dB	134 dB	140 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	Birch Plywood
Color/Finish	Black/ISO-flex Paint	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-15F HF: M-28/M-28	LF: 2 X 15FV/GM-15F HF: M-28/M-28	18LX/GM-18LX	2 x 18LX/GM-18LX
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)	620 x 380 x 380 mm 24.4 x 15 x 15 in	720 x 380 x 380 mm 28.3 x 15 x 15 in	1090 x 445 x 505 mm 42.9 x 17.5 x 19.9 in	7120 x 545 x 655 mm 28.3 x 21.5 x 25.8 in	1070 x 545 x 675 mm 42.1 x 21.5 x 26.6 in
Weight	19 kg (41.8 lb)	22.8 kg (50.2 lb)	40 kg (88 lb)	35 kg (77.2 lb)	71 kg (156.5 lb)
Accessories	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount FUN-VT12 Cover	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount FUN-VT15 Cover	ANL-2 Eye Bolt FUN-VT215 Cover	ANL-2 Eye Bolt FUN-VT18 Cover TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-VT218 Cover TRD-6 Pole Mount

Construcción robusta diseñada a partir de la experiencia del "mundo real"

Rugged build designed from "real-world" experience

action 500 series

ACTION-508A/ACTION-508
ACTION 512A/ACTION 512
ACTION-M512A/ACTION-M512
ACTION-515A/ACTION-515
ACTION-525A/ACTION-525
ACTION-S18A/ACTION-S18
ACTION-S118A
ACTION-S218A/ACTION-S218

Portable Sound Reinforcement

DAScontrol™

Action 500 es una serie que proporciona potencia y definición para un sonido de éxito. Comparte con el resto de sistemas profesionales DAS 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 500 Series inherits the exceptional sound quality and rugged build that have made DAS 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 500 Series will provide the power and definition needed to make your performance a success.

ACTION-508A/ACTION-508

Puntos Clave	Sistema multipropósito autoamplificado Biamplificación Clase D 720 W Interfaz DAScontrol™ para facilitar el montaje y ajuste 1 x altavoz DAS de 8" 1 x motor de compresión M-34 Reducido tamaño y bajo peso Posición monitor escenario y puntos de volado Action-508 es la versión pasiva
Key Features	Powered multi-purpose system Class D bi-amplification 720 W DAScontrol™ interface for easy setup and adjustment 1 X 8" DAS loudspeaker 1 x M-34 compression driver Reduced size and weight Stage monitor position and rigging points Passive version is the Action-508

ACTION-512A/ACTION-512

Puntos Clave	Sistema multipropósito autoamplificado Biamplificación Clase D 1000 W Interfaz DAScontrol™ para facilitar el montaje y ajuste 1 x altavoz DAS de 12" 1 x motor de compresión M-34 Vaso estándar de 35 mm para trípode 0°-10° Posición monitor escenario y puntos de volado Action-512 es la versión pasiva
Key Features	Powered multi-purpose system Class D bi-amplification 1000 W DAScontrol™ interface for easy setup and adjustment 1 X 12" DAS loudspeaker 1 x M-34 compression driver Standard 35 mm pole mount socket 0°-10° Stage monitor position and rigging points Passive version is the Action-512

ACTION-M512A/ACTION-M512

Puntos Clave	Monitor escenario autoamplificado de bajo perfil Biamplificación Clase D 1000 W Interfaz DAScontrol™ para facilitar el montaje y ajuste 1 x altavoz DAS 12" 1 x motor de compresión M-34 Selector EQ main/monitor Control de ganancia y conmutador micro/línea Action-M512 es la versión pasiva
Key Features	Powered low-profile stage monitor system Class D bi-amplification 1000 W DAScontrol™ interface for easy setup and adjustment 1 x DAS 12" loudspeaker 1 x M-34 compression driver Main/Monitor EQ selector Gain control and mic/line switch Passive version is the Action-M512

ACTION-515A/ACTION-515

Puntos Clave	Sistema multipropósito autoamplificado Biamplificación Clase D 1000 W Interfaz DAScontrol™ para facilitar el montaje y ajuste 1 x altavoz DAS de 15" 1 x motor de compresión M-34 Vaso estándar de 35 mm para trípode 0°-10° Posición monitor escenario y puntos de volado Action-515 es la versión pasiva
Key Features	Powered multi-purpose system Class D bi-amplification 1000 W DAScontrol™ interface for easy setup and adjustment 1 X 515" DAS loudspeaker 1 x M-34 compression driver Standard 35 mm pole mount socket 0°-10° Stage monitor position and rigging points Passive version is the Action-515

ACTION-525A/ACTION-525

Puntos Clave	Sistema amplia gama autoamplificado Biamplificación Clase D 1000 W Interfaz DAScontrol™ para facilitar el montaje y ajuste 2 x altavoz DAS de 15" 1 x motor de compresión M-44 Respuesta en graves poderosa Puntos de volado Action-525 es la versión pasiva
Key Features	Powered full-range system Class D bi-amplification 1000 W DAScontrol™ interface for easy setup and adjustment 2 X 15" DAS loudspeaker 1 x M-44 compression driver Powerful bass response Rigging points Passive version is the Action-525

ACTION-S18A/ACTION-S18

Puntos Clave	Subgraves compacto autoamplificado Amplificador Clase D 1500 W Interfaz DAScontrol™ para facilitar el montaje y ajuste 1 x altavoz DAS 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-S18 es la versión pasiva
Key Features	Powered compact subwoofer system Class D 1500 W amplifier DAScontrol™ interface for easy setup and adjustment 1 x DAS 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-S18

ACTION-S118A

Puntos Clave	Subgraves de bocina autoamplificado Amplificador Clase D 3200 W 1 x altavoz DAS 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
Key Features	Powered horn-bass subwoofer system Class D 3200 W amplifier 1 x DAS 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-S218A/ACTION-S218

Puntos Clave	Subgraves autoamplificado alto rendimiento Amplificador Clase D 3200 W 2 x altavoces DAS 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-S218 es la versión pasiva
Key Features	Powered high-performance subwoofer Class D 3200 W amplifier 2 x DAS 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-S218

Powered

Model	ACTION-508A	ACTION-512A	ACTION-M512A	ACTION-515A
Amplifier Power	720 W Peak Class D, Biamplified	1000 W Peak Class D, Biamplified	1000 W Peak Class D, Biamplified	1000 W Peak Class D, Biamplified
Input Type	Balanced	Balanced	Balanced	Balanced
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)	65 Hz - 20 kHz	50 Hz - 20 kHz	60 Hz - 20 kHz	45 Hz - 20 kHz
Rated Maximum Peak SPL at 1 m	122 dB	131 dB	130 dB	131 dB
HF Horn Coverage Angles (-6 dB)	90° x 60° (Rotatable)	90° x 60° (Rotatable)	80° x 50° (Rotatable)	90° x 60° (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: 8GV/8GV HF: M-34/GM-M34	LF: 12MI4/GM-12MI4 HF: M-34/GM-M34	LF: 12MI4/GM-12MI4 HF: M-34/GM-M34	LF: 15MI4/GM-15MI4 HF: M-34/GM-M34
Connectors	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON
AC Power Requirements	115 V, 1.6 A, 50 Hz/60 Hz 230 V, 0.8 A, 50 Hz/60 Hz	115 V, 2.2 A, 50 Hz/60 Hz 230 V, 1.1 A, 50 Hz/60 Hz	115 V, 2.2 A, 50 Hz/60 Hz 230 V, 1.1 A, 50 Hz/60 Hz	115 V, 2.2 A, 50 Hz/60 Hz 230 V, 1.1 A, 50 Hz/60 Hz
Dimensions (H x W x D)	485 x 285 x 260 mm 19.1 x 11.2 x 10.2 in	620 x 380 x 380 mm 24.4 x 15 x 15 in	335 x 650 x 450 mm 13.2 x 25.6 x 17.7 in	720 x 380 x 385 mm 28.3 x 15 x 15.2 in
Weight	9.9 kg (21.8lb)	21 kg (46.2 lb)	19 kg (41.8 lb)	24 kg (52.8 lb)
Accessories	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-ACT8 U-Bracket AXW-3 Wall Mount FUN-ACT8 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-ACT512 U-Bracket FUN-VT12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	FUN-ACTM12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-VT15 Cover TRD-2 Speaker Stand TRD-6 Pole Mount

| Model	ACTION-525A	ACTION-S18A	ACTION-S118A	ACTION-S218A
Amplifier Power	1000 W Peak Class D, Biamplified	1500 W Peak Class D	3200 W Peak Class D	3200 W Peak Class D
Input Type	Balanced	Balanced	Balanced	Balanced
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 - 125 Hz (variable LPF)	35 Hz - 125 Hz (variable LPF)	35 Hz - 125 Hz (variable LPF)
Rated Maximum Peak SPL at 1 m	134 dB	134 dB	137 dB	140 dB
HF Horn Coverage Angles (-6 dB)	90° x 60° (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: 2 x 15MI/GM-15MI HF: M-44/GM-M44	18FW4/GM-18FW4	18LX/GM-18LX	2 x 18FW4/GM-18FW
Connectors	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack 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	115 V, 2.2 A, 50 Hz/60 Hz 230 V, 1.1 A, 50 Hz/60 Hz1090	115 V, 2.8 A, 50 Hz/60 Hz 230 V, 1.4 A, 50 Hz/60 Hz	115 V, 3.6 A, 50 Hz/60 Hz 230 V, 1.8 A, 50 Hz/60 Hz	115 V, 6.0 A, 50 Hz/60 Hz 230 V, 3.0 A, 50 Hz/60 Hz
Dimensions (H x W x D)	x 380 x 515 mm 42.9 x 15 x 20.3 in	720 x 545 x 660 mm 28.3 x 21.5 x 25 in	780 x 695 x 570 mm 30.7 x 27.4 x 22.4 in	1070 x 545 x 675 mm 42.1 x 21.5 x 26.6 in
Weight	41 kg (90.2 lb)	40.5 kg (89.1 lb)	55 kg (121 lb)	63 kg (138.6 lb)
Accessories	ANL-2 Eye Bolt FUN-VT215 Cover	FUN-VT18 Cover TRD-6 Pole Mount	FUN-ACT118 Cover TRD-6 Pole Mount	FUN-ACT218 Cover TRD-6 Pole Mount
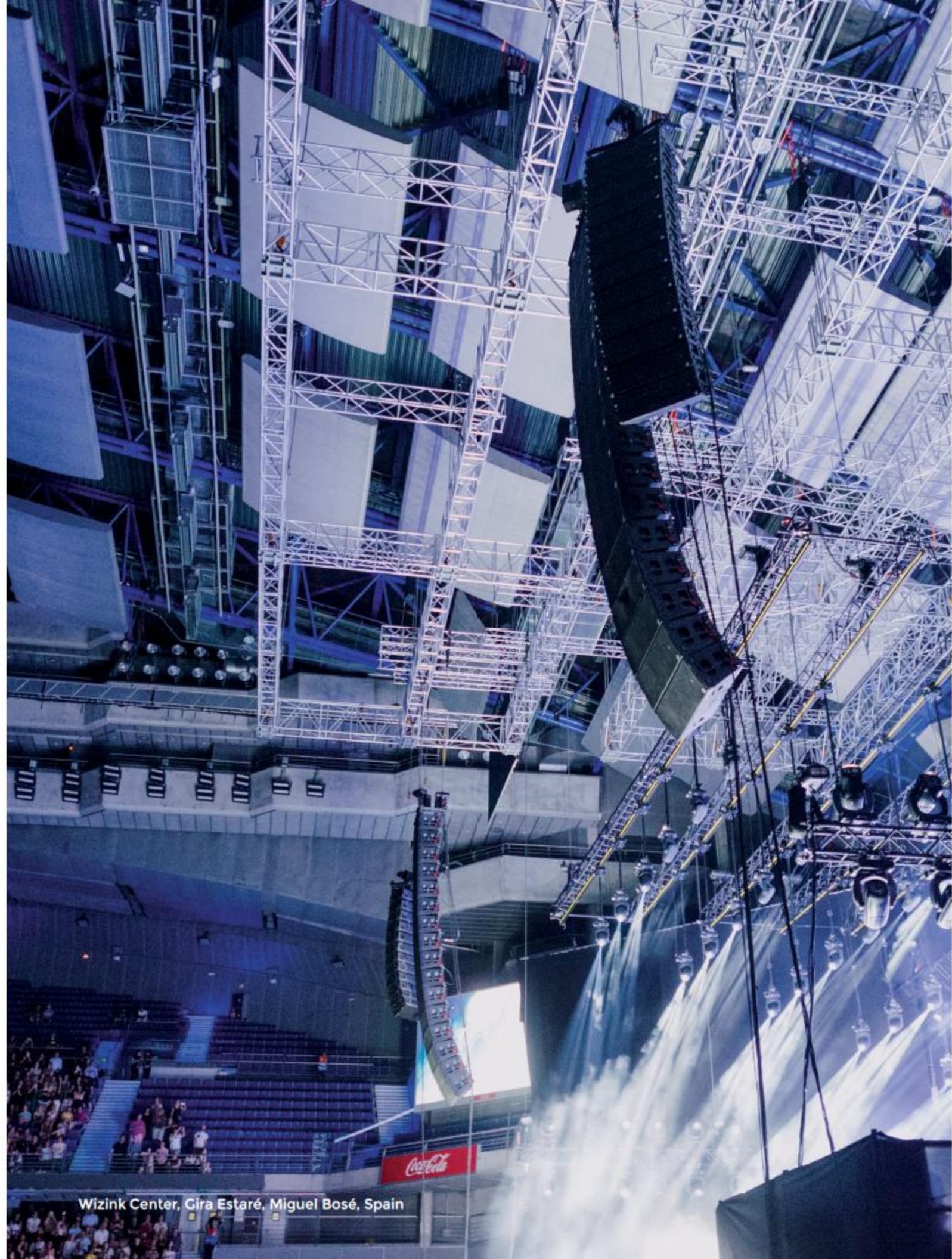
Datos Preliminares / Preliminary Data

Externally Powered

Model	ACTION-508	ACTION-512	ACTION-M512	ACTION-515
Peak Power Handling	600 W	1200 W	1200 W	1400 W
RMS (Average) Power Handling	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	94 dB SPL	96 dB SPL	95 dB SPL	96 dB SPL
Maximum Peak SPL at 1 m	124 dB	131 dB	130 dB	131 dB
HF Horn Coverage Angles (-6 dB)	90° x 60° (Rotatable)	90° x 60° (Rotatable)	80° x 50° (Rotatable)	90° x 60° (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: 8GV/8GV HF: M-34/GM-M34	LF: 12MI /GM-12MI HF: M-34/GM-M34	LF: 12MI/GM-12MI HF: M-34/GM-M34	LF: 15MI/GM-15MI HF: M-34/GM-M34
Connectors	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 SpeakON
Dimensions (H x W x D)	485 x 285 x 260 mm 19.1 x 11.2 x 10.2 in	620 x 380 x 380 mm 24.4 x 15 x 15 in	335 x 650 x 450 mm 13.2 x 25.6 x 17.7 in	720 x 380 x 385 mm 28.3 x 15 x 15.2 in
Weight	8.4 kg (18.5 lb)	19 kg (41.8 lb)	17.5 kg (38.5 lb)	22.8 kg (50.2 lb)
Accessories	AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-AC8 U-Bracket AXW-3 Wall Mount FUN-ACT8 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C-Clamp Adapter AXU-ACT512 U-Bracket FUN-VT12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	FUN-ACTM12 Cover TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt FUN-VT15 Cover TRD-2 Speaker Stand TRD-6 Pole Mount

Model	ACTION-525	ACTION-S10	ACTION-S210
Peak Power Handling	2800 W	2400 W	4800 W
RMS (Average) Power Handling	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)	90° x 60° (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-M44	18FW/GM-18FW	2 x 18FW/GM-18FW
Connectors	2 x NL4 SpeakON	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	1090 x 380 x 515 mm 42.9 x 15 x 20.3 in	720 x 545 x 660 mm 28.3 x 21.5 x 26 in	1070 x 545 x 675 mm 42.1 x 21.5 x 26.6 in
Weight	40 kg (88 lb)	40.5 kg (89.1 lb)	61 kg (134.2 lb)
Accessories	ANL-2 Eye Bolt FUN-VT215 Cover	FUN-VT18 Cover TRD-6 Pole Mount	FUN-ACT218 Cover TRD-6 Pole Mount

Datos Preliminares / Preliminary Data

Wizink Center, Gira Estaré, Miguel Bosé, Spain

Gran portabilidad y rendimiento

—

High portability and great sound

Altea series

Portable Sound Reinforcement

DASlink™

DASlink™
GROUP MANAGER

DAScontrol™

Los sistemas autoamplificados Altea te ofrecen un control sobre el sonido como nunca antes.

Gracias al interfaz DAScontrol™, se facilita el ajuste de la configuración de los sistemas Altea para proporcionar el mejor sonido. Ahora con la introducción de DASlink GM™, una aplicación inteligente "todo en uno" que conecta de manera inalámbrica con los sistemas autoamplificados Vantec y Altea.

Con DASlink™ se puede monitorear y controlar numerosas funciones de los sistemas mientras se comparte audio estéreo de alta definición con sistemas Vantec y Altea desde dispositivos móviles.

The Altea powered systems give you more control over your sound than ever before.

Thanks to the DAScontrol™ interface, tailoring the configuration of the Altea systems to provide the best sound possible is easy. Now, with the introduction of DASlink GM™, our all-in-one smart device app which connects with Vantec and Altea powered systems with wireless functionality.

With DASlink™, you can monitor and control numerous system functions while streaming high-definition stereo audio to Vantec or Altea systems from mobile devices.

ALTEA-712A/ALTEA -712

Puntos Clave	Sistema activo Bi-amplificado de alta potencia
	Interfaz DAScontrol™ para facilitar el montaje y ajuste
	DSP 24-bit de alta gama y pantalla LCD
	APP para monitoreo y control remoto DASLink™
	Transmisión de música inalámbrica de alta definición
	Amplificador Clase D 1500 W pico doble canal
	Altavoz de 12" + motor de compresión M-28
	Recinto de polipropileno de estructura ligera
	Asas ergonómicas y posición monitor de suelo
	Puntos de fijación integrados M8
	Altea-712 es la versión pasiva

Key Features	Hi-power bi-amplified active system
	DAScontrol™ interface for easy setup and adjustment
	24-bit high-end DSP with LCD screen
	DASlink™ remote control amd monitoring APP
	High-definition wireless stereo music streaming
	1500 W peak Class D amplifier with 2 channel mixer
	12" loudspeaker + M-28 compression driver
	Lightweight polypropylene enclosure
	Ergonomic handles and floor monitor position
	Integrated M8 rigging points
	Passive version is the Altea-712

ALTEA-715A/ALTEA-715

Puntos Clave	Sistema activo Bi-amplificado de alta potencia
	Interfaz DAScontrol™ para facilitar el montaje y ajuste
	DSP 24-bit de alta gama y pantalla LCD
	APP para monitoreo y control remoto DASLink™
	Transmisión de música inalámbrica de alta definición
	Amplificador Clase D 1500 W pico doble canal
	Altavoz de 15" + motor de compresión M-28
	Recinto de polipropileno de estructura ligera
	Asas ergonómicas y posición monitor de suelo
	Puntos de fijación integrados M8
	Altea-715 es la versión pasiva

Key Features	Hi-power bi-amplified active system
	DAScontrol™ interface for easy setup and adjustment
	24-bit high-end DSP with LCD screen
	DASlink™ remote control and monitoring APP
	High-definition wireless stereo music streaming
	1500 W peak Class D amplifier with 2 channel mixer
	15" loudspeaker + M-28 compression driver
	Lightweight polypropylene enclosure
	Ergonomic handles and floor monitor position
	Integrated M8 rigging points
	Passive version is the Altea-715

ALTEA-718A/ALTEA-718

Puntos Clave	Sistema de subgraves autoamplificado
	Altavoz de 18" de alta eficiencia
	Interfaz DAScontrol™ para facilitar el montaje y ajuste
	DSP 24-bit, preajustes definibles por el usuario y pantalla LCD
	Inversor de polaridad (0°-180°)
	Selector salida filtrada
	Filtro pasa-bajos variable 80 - 125 Hz
	Control de ganancia
	Altea-718 es la versión pasiva

Key Features	Powered subwoofer system
	High efficiency 18 loudspeaker
	DAScontrol™ interface for easy setup and adjustment
	User definable 24-bit DSP presets with LCD screen
	Polarity switch (0°-180°)
	Filtered output defeat switch
	Variable 80 Hz 125 Hz low-pass filter
	Gain control
	Passive version is the Altea-718

ALTEA-412A/ALTEA-412

Puntos Clave
Sistema activo Bi-amplificado
Amplificador Clase D 800 W pico doble canal
Interfaz DAScontrol™ para facilitar el montaje y ajuste
Altavoz de 12" + motor de compresión M-32
Amplia cobertura de 90° que cubre toda la estancia
Recinto de polipropileno de estructura ligera
Asas ergonómicas y posición monitor de suelo
DSP con preajustes definibles por el usuario y pantalla LCD
Puntos de fijación integrados M8
Altea-412 es la versión pasiva

Key Features
Bi-amplified active system
800 W peak Class D amplifier with 2 channel mixer
DAScontrol™ interface for easy setup and adjustment
12" loudspeaker + M-32 compression driver
Wide 90° coverage that fills the room
Lightweight structural polypropylene enclosure
Ergonomic handles and floor monitor position
User selectable DSP presets with LCD screen
Integrated M8 rigging points
Passive version is the Altea-412

ALTEA-415A/ALTEA-415

Puntos Clave
Sistema activo Bi-amplificado
Amplificador Clase D 800 W pico doble canal
Interfaz DAScontrol™ para facilitar el montaje y ajuste
Altavoz de 15" + motor de compresión M-32
Amplia cobertura de 90° que cubre toda la estancia
Recinto de polipropileno de estructura ligera
Asas ergonómicas y posición monitor de suelo
DSP con preajustes definibles por el usuario y pantalla LCD
Puntos de fijación integrados M8
Altea-415 es la versión pasiva

Key Features
Bi-amplified active system
800 W peak Class D amplifier with 2 channel mixer
DAScontrol™ interface for easy setup and adjustment
15" loudspeaker + M-32 compression driver
Wide 90° coverage that fills the room
Lightweight structural polypropylene enclosure
Ergonomic handles and floor monitor position
User selectable DSP presets with LCD screen
Integrated M8 rigging points
Passive version is the Altea-415

The power of sound

DASlink™

DASlink™
GROUP MANAGER

DAScontrol™

Powered

Model	ALTEA-712A	ALTEA-715A	ALTEA-718A	ALTEA-412A	ALTEA-415A
Amplifier Power	1500 Wpeak 750 Wcontinuous Class D Bi-amplified	1500 Wpeak 750 Wcontinuous Class D Bi-amplified	1200 Wpeak 600 Wcontinuous Class D Bi-amplified	800 Wpeak 400 Wcontinuous Class D Bi-amplified	800 Wpeak 400 Wcontinuous Class D Bi-amplified
Input Type	Balanced	Balanced	Balanced	Balanced	Balanced
Input Impedance	Line 20 kohms	Line 20 kohms	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)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)
Frequency Range (-10 dB)	60 Hz - 20 kHz	45 Hz - 20 kHz	45 Hz - 138 Hz	60 Hz - 20 kHz	50 Hz - 20 kHz
Rated Maximum Peak SPL at 1 m	130 dB	132 dB	134 dB	126 dB	128 dB
HF Horn Coverage Angles (-6 dB)	90° x 60°	90° x 60°	-	90° x 60°	90° x 60°
Enclosure Material	Polypropylene	Polypropylene	Birch Plywood	Polypropylene	Polypropylene
Color/Finish	Black/Textured	Black/Textured	Black/ISO-flex Paint	Black/Textured	Black/Textured
Transducers/ Replacement Parts	LF: 12F4/GM-12F4 HF: M-28/M-28	LF: 15FV4/GM-15FV4 HF: M-28/M-28	18FW4/GM-18FW4	LF: 12Mi4/GM-12Mi4 HF: M-32/GM-M-32	LF: 15Mi4/GM-15Mi4 HF: M-32/GM-M-32
Connectors	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: Male IEC	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC	INPUT: Female XLR AUX INPUT: 3.5 mm Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC
AC Power Requirements	115 V, 3 A, 50/60 Hz 230 V, 1.5 A, 50/60 Hz	115 V, 3 A, 50/60 Hz 230 V, 1.5 A, 50/60 Hz	115 V, 2.8 A, 50/60 Hz 230 V, 1.4 A, 50/60 Hz	115 V, 2.4 A, 50/60 Hz 230 V, 1.2 A, 50/60 Hz	115 V, 2 A, 50/60 Hz 230 V, 1 A, 50/60 Hz
Dimensions (H x W x D)	655 x 380 x 350 mm 25.8 x 15 x 13.8 in	710 x 440 x 380 mm 28 x 17.3 x 15 in	720 x 544 x 650 mm 28.3 x 21.5 x 25.6 in	655 x 380 x 350 mm 25.8 x 15 x 13.8 in	710 x 440 x 380 mm 28 x 17.3 x 15 in
Weight	18.9 kg (41.66 lb)	20.6 kg (45.3 lb)	40.5 kg (89.1 lb)	17.9 kg (39.46 lb)	19.3 kg (42.5 lb)
Accessories	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL712 Cover	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL715 Cover	FUN-VT18 TRD-6 Pole Mount	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL712 Cover	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL715 Cover

Externally powered

Model	ALTEA-712	ALTEA-715	ALTEA-718	ALTEA-412	ALTEA-415
Peak Power Handling	2000 W	2000 W	2400 W	1200 W	1400 W
RMS (Average) Power Handling	500 W	500 W	600 W	300 W	350 W
Frequency Range (-10 dB)	65 Hz - 20 kHz	60 Hz - 20 kHz	45 Hz - 138 Hz	68 Hz - 20 kHz	63 Hz - 20 kHz
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
On-axis Sensitivity 1 W/1 m	98 dB SPL	99 dB SPL	98 dB SPL	96 dB SPL	96 dB SPL
Maximum Peak SPL at 1 m	131 dB	132 dB	134 dB	127 dB	128 dB
HF Horn Coverage Angles (-6 dB)	90° x 60°	90° x 60°	-	90° x 60°	90° x 60°
Enclosure Material	Polypropylene	Polypropylene	Birch Plywood	Polypropylene	Polypropylene
Color/Finish	Black/Textured	Black/Textured	Black/ISO-flex Paint	Black/Textured	Black/Textured
Transducers/ Replacement Parts	LF: 12F/GM-12F HF: M-28/M-28	LF: 15FV/GM-15FV HF: M-28/M-28	18FW/GM-18FW	LF: 12Mi/GM-12Mi HF: M-32/GM-M-32	LF: 15Mi/GM-15Mi HF: M-32/GM-M-32
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)	655 x 380 x 350 mm 25.8 x 15 x 13.8 in	710 x 440 x 380 mm 28 x 17.3 x 15 in	720 x 544 x 650 mm 28.3 x 21.5 x 25.6 in	655 x 380 x 350 mm 25.8 x 15 x 13.8 in	710 x 440 x 380 mm 28 x 17.3 x 15 in
Weight	17.4 kg (38.4 lb)	18.8 kg (41.4 lb)	39 kg (85.8 lb)	16.4 kg (36 lb)	17.5 kg (38.6 lb)
Accessories	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL12 Cover	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL15 Cover	FUN-VT18 TRD-6 Pole Mount	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL12 Cover	ANL-1 Eye Bolt AX-112-5 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount FUN-AL15 Cover

APP todo-en-uno para dispositivos móviles

All-in-one smart device app

DASlink™

FUNCIONES/FUNCTIONS DASlink™

Use DASlink™ para conectar su dispositivo móvil a una pareja de sistemas Altea o Vantec. Comparta música en estéreo de alta definición mientras controla numerosas funciones del sistema de manera remota.

Streaming de música en estéreo de alta definición
Control principal de ganancia
Monitoreo de ganancia de entrada y salida
Selector de filtros pasa-altos para uso con subgraves
Selectores de preajustes
EQ tres bandas con ajustes deslizantes
Configuración de unidades auxiliares
Ajuste del retardo en metros o pies
Modo standby on/off
Pantalla LCD con atenuación, logo on/off
Control de grupos de cajas con DASlink™ Group Manager

Use DASlink™ to connect your mobile device to a pair of Altea and Vantec systems. Stream music in high definition stereo while controlling numerous system functions remotely.

High definition streaming of music in stereo
Master gain control
Input and output gain monitoring
High-pass filter selection for use with subs
Presets selection
3-band EQ adjustment with sliders
Configure slave units
Configure system delay in meters or feet
Standby mode on/off
LCD screen dimming, logo on/off
Control of groups of systems with DASlink™ Group Manager

FUNCIONES/FUNCTIONS DASlink GM™

Use DASlink™ Group Manager para crear grupos, monitorizar y controlar los parámetros DSP de diferentes modelos de los sistemas Altea y Vantec. Vúmetros en tiempo-real y un ingenioso sistema de parpadeo del logo ayudar a identificar cada sistema, incluso en la oscuridad.

Ganancia Principal	Tiro
Preajustes de Sistema	Retardo
Número de Unidades	Opciones Sistemas
EQ de 3 Bandas	Mute/Solo por grupos
Filtro Paso-Altos	

Use DASlink™ Group Manager to create groups and wirelessly monitor and control DSP parameters of of different models of Altea and Vantec. Real-time VU meters for each speaker and a clever logo blink functions helps to visually identify speakers, even in the dark.

Master Gain	Throw
System Presets	Delay
Number of units	System Options
3-Band EQ	Group Mute/Solo
HPF	
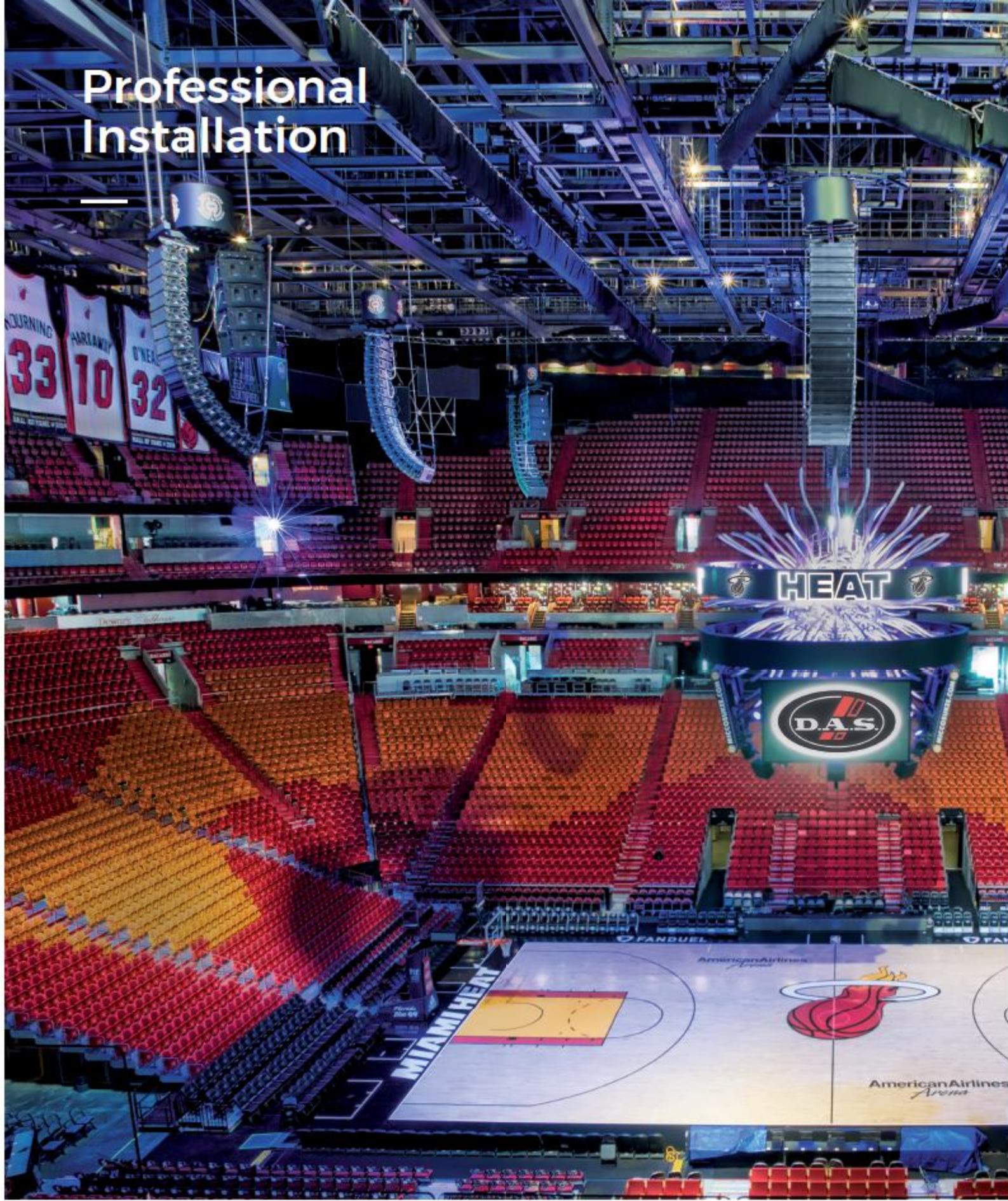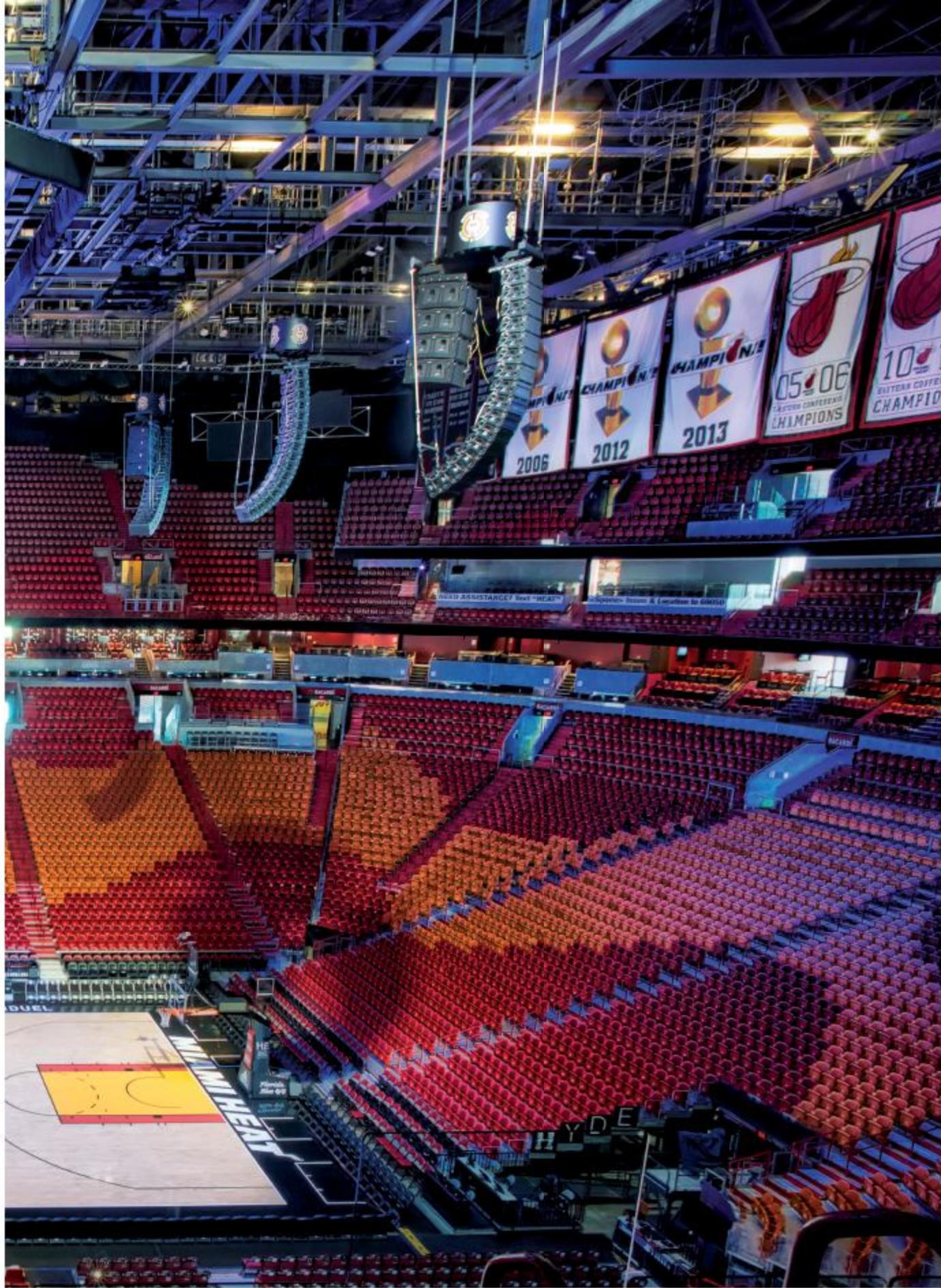
DASlink™
GROUP MANAGER

Professional
Installation

American Airlines Arena, USA

Sound Force
Sonido "club" como nunca antes

—

Sound Force
Club sound like never before

Icaro Disco, Spain

SOUND FORCE

SF-10
SF-26
SF-112
SF-158
SF-212
SF-215
SF-218
SF-221
SF-20AR/AL
SF-1521A
SF-30A

Professional Installation

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.

Desarrollada para ofrecer prestaciones y fiabilidad, construida para cumplir con los estándares más exigentes. Sound Force de DAS 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.

Developed for performance and reliability, built to exacting standards-Sound Force by DAS Audio. The first choice for high-level dance clubs worldwide.

SF-10

Puntos Clave	**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**
Key Features	1 x 10P low frequency loudspeaker 1 x M-60N compression driver Vertical or horizontal positioning Rotatable 110° x 50° horn VESA-75/VESA-100 standard threaded mounting points
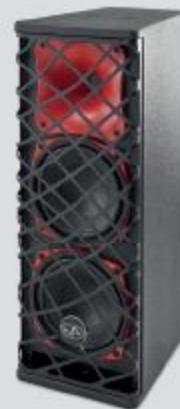
SF-26

Puntos Clave	**2 x altavoces de bajas frecuencias 6P** **1 x motor de compresión M-34** **Posicionamiento vertical/horizontal** **Difusor 80° x 80°** **Anclajes de rosca para soporte VESA-75/VESA-100**
Key Features	2 x 6P low frequency loudspeakers 1 x M-34 compression driver Vertical or horizontal positioning 80° x 80° horn VESA-75/VESA-100 standard threaded mounting points

SF-112

Puntos Clave	**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**
Key Features	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

Puntos Clave	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 biamp/triamp
	Ángulos de cobertura estrecha 40° x 30°
	Difusor rotable para posición horizontal o vertical

Key Features	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 biamp/triamp operating modes
	Tight 40° x 30° coverage angles
	Rotatable horn for vertical or horizontal positioning

SF-212

Puntos Clave	Sistema subgraves compacto bass-reflex
	1600 Wprograma de potencia
	2 x altavoces de bajas frecuencias 12P, 3 VCD
	Utilización en sistemas biamplificados

Key Features	Compact bass-reflex subwoofer system
	1600 Wprogram power handling
	2 x 12P low frequency loudspeakers, 3 VCD
	For use in bi-amplified systems

SF-215

Puntos Clave	2 x altavoz de graves 15GNR
	Recinto con diseño elegante
	Configuración pasa banda
	Colores personalizables opcionalmente
	Accesorios específicos para apilado y volado

Key Features	2 x 15GNR loudspeakers for tight bass
	Elegant cabinet design
	Band-pass configuration
	Optional custom color schemes
	Specific hardware for rigging and stacking

SF-218

Puntos Clave	Subgrave de altas prestaciones para amplificación externa
	Doble altavoz de larga excursión 18UXN
	Configuración carga frontal y tiro cruzado
	Solida construcción en contrachapado de abedul
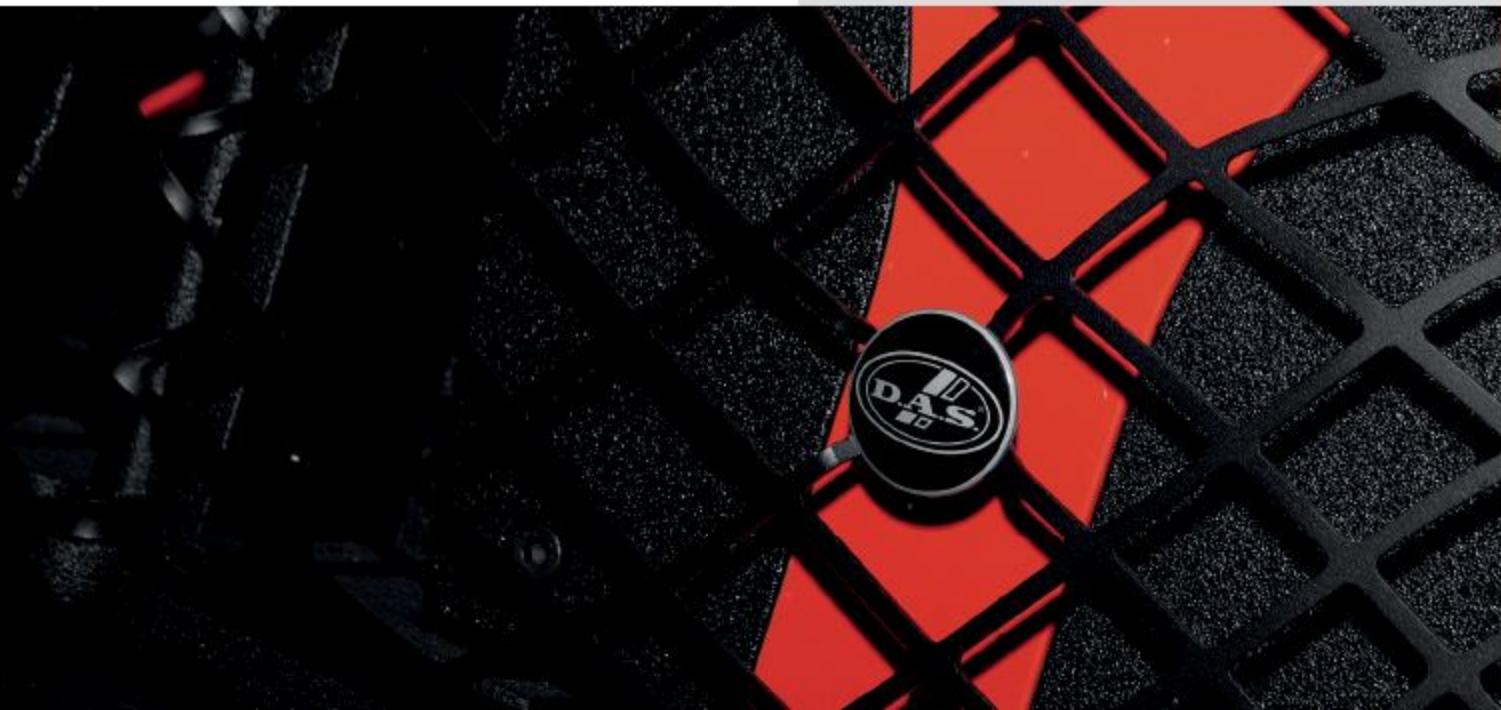
Key Features	High performance subwoofer system for external amplification
	Two 18UXN long-excursion loudspeakers
	Front loaded cross-fire configuration
	Solid Birch plywood construction

SF-221

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

Key Features	High power ultra low frequency system
	Twin 21" neodymium 21UXN loudspeakers with 6" voice coils
	Solid 21 mm Birch plywood construction
	Powerful and controlled bass reproduction

SOUND FORCE

Live!

Arenal Sound, Spain

SF-20ART/ALT

Puntos Clave	Sistema autoamplificado dos vías alta definición Amplificador Clase D 800 W LF + 400 W HF Capacidad de gestión y monitoreo remotos DASnet™ 1 x altavoz 12AN4 1 x motor de compresión M-75N Disponible en colores personalizables Subwoofer asociado SF-1521A
Key Features	Two-way high definition mid-high system 800 W LF + 400 W HF Class D amplifier DASnet™ remote monitoring and control capable 1 x 12AN4 loudspeaker 1 x M-75N compression driver Custom colors available Companion subwoofer system SF-1521A

SF-1521A

Puntos Clave	Sistema híbrido de subgraves autoamplificado 1 x altavoz de medios-bajos 15GNR 1 x altavoz de bajas frecuencias 21UXN4 Amplificador de dos canales Clase D 3400Wpico por canal Capacidad de gestión y monitoreo remotos DASnet™ Sistema de medios-bajos asociado SF-20A
Key Features	Powered Hybrid subwoofer system 1 x 15GNR mid-bass speaker 1 x 21UXN4 low frequency speaker Two channel Class D amplifier 3400Wpeak per channel DASnet™ remote monitoring and control capable Companion mid-high system SF-20A

SF-30A

Puntos Clave	Sistema de subgraves 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®) Capacidad de gestión y monitoreo remotos DASnet™ Incomparables prestaciones frente a sistemas convencionales
Key Features	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™ remote monitoring and control capable Unmatched performance compared to conventional systems

SF-MONITOR

El SF-Monitor (SF-M) es un sistema monitor DJ autoamplificado diseñado por DAS 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 puenteado 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 DAS 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 at the DJ´s preference. Both the SF20A 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**™

City Beats, Austria

Powered

Model	SF-20ART/ALT	SF-1521A ACTV Hybrid Sub	SF-30A
Amplifier Power	800 W (Class D)	2 x 3400 Wpeak - 2 x 1700 Wcontinuous	15000 Wpeak - 7500 Wcontinuous
HF Power Amplifier	400 W (Class D)	-	-
Input Type	Balanced Differential Line	Balanced Differential Line	Balanced Differential Line
Input Impedance	Line 20 kohms	Line 20 kohms	Line 20 kohms
Sensitivity	Line: 4.9 V (+16 dBu)	Line: 4.9 V (+16 dBu)	Line: 4.9 V (+16 dBu)
Frequency Range (-10 dB)	60 Hz – 20 kHz	28 Hz – 200 Hz	28 Hz – 125 Hz
Horizontal Coverage	90° Nominal	-	-
Vertical Coverage	Splay Dependent	-	-
Rated Maximum Peak SPL at 1 m	136 dB	141 dB	145 dB
Transducers/ Replacement Parts	LF: 12AN4/GM-12AN4 HF: M-75N/GM-M75N	LF1: 21UXN4/GM-21UXN4 LF2: 15GN R/GM-15G	LF: M-FORCE-C
Enclosure Geometry	Trapezoidal 3.5°	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	Ground Stackable
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	AUDIO INPUT: Female XLR AUDIO LOOP THRU: Male XLR AUDIO + DATA INPUT: etherCON (DASnet™) AUDIO + DATA OUTPUT: etherCON (DASnet™) AC INPUT: powerCON TRUE1
AC Power Requirements	115 V, 3.6 A, 50 Hz/60 Hz 230 V, 1.8 A, 50 Hz/60 Hz	115 V, 8.0 A, 50 Hz/60 Hz 230 V, 4.0 A, 50 Hz/60 Hz	115 V, 12.4 A, 50 Hz/60 Hz 230 V, 6.2 A, 50 Hz/60 Hz
Dimensions (H x W x D)	320 x 605 x 435 mm 12.6 x 23.8 x 17.1 in	1060 x 615 x 775 mm 41.7 x 24.2 x 30.5 in	610 x 1055 x 800 mm 24 x 41.5 x 31.5 in
Weight	33.1 kg (72.8 lb)	102 kg (224 lb)	106 kg (233lb)
Accessories	JP-20 Joining Plate (incl.)	JP-20 Joining Plate TRD-6 Pole Mount PL-SFMS Stacking Dolly	ANL-2 AX-SF1 AX-SF2 AX-SF2215 AXB-SF30 PL-30S
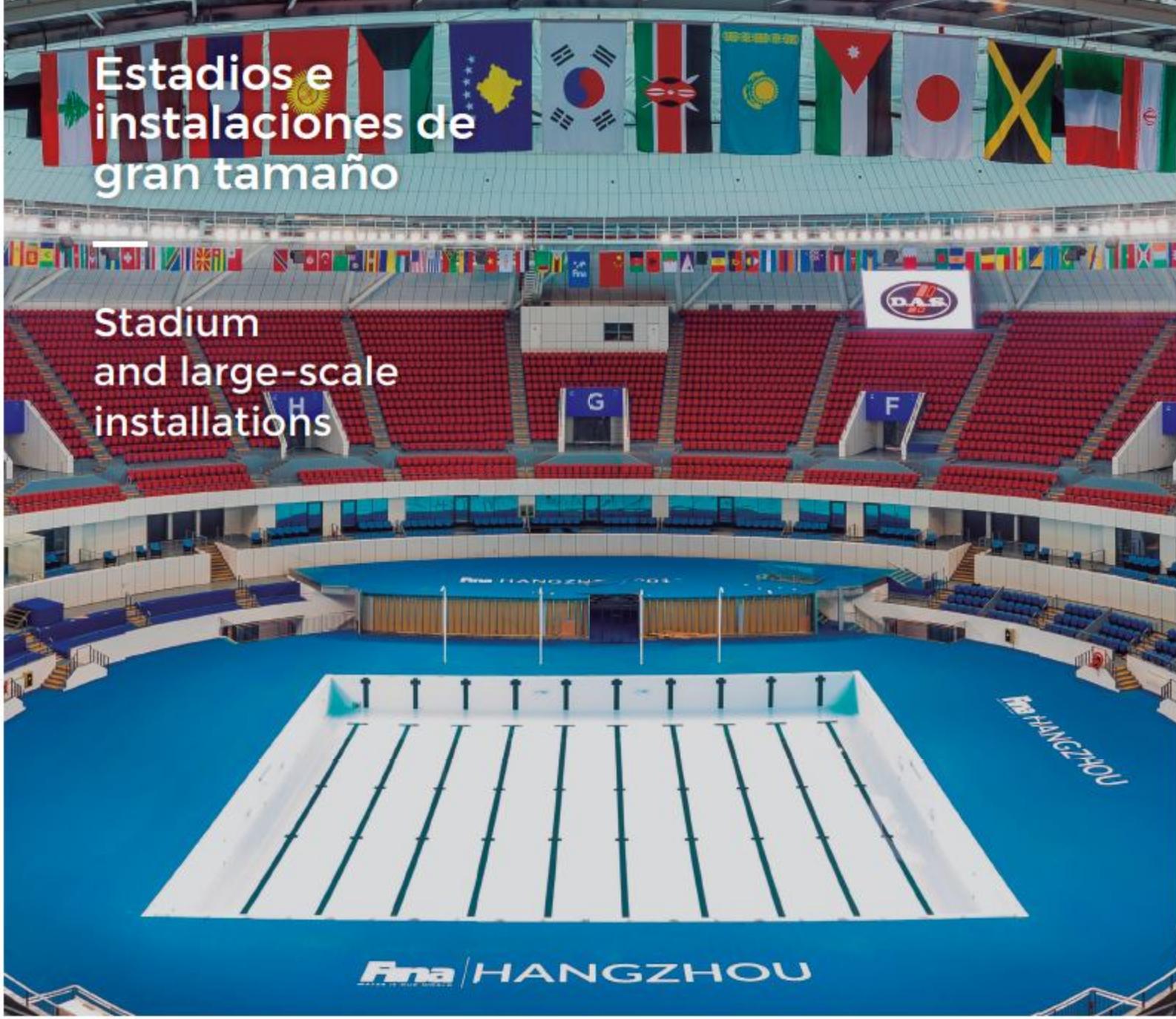
Externally powered

Model	SF-10	SF-26	SF-112	SF-158
Peak Power Handling	1600 W	1600 W	2000 W	LF: 2800 W; MF/HF: 1400 W (Bi-amp mode)
RMS (Average) Power Handling	400 W	400 W	500 W	LF: 700 W; MF/HF: 350 W (Bi-amp mode)
Frequency Range (-10 dB)	55 Hz – 20 kHz	60 Hz – 20 kHz	120 Hz – 20 kHz	70 Hz – 20 kHz
Nominal Impedance	8 ohms	16 ohms	8 ohms	8 ohms
Crossover Modes	Passive	Passive	Passive/Bi-amp	Bi-amp/Tri-amp
On-axis Sensitivity 1 W/1 m	96 dB SPL	93 dB SPL	109 dB SPL	106 dB SPL
Maximum Peak SPL at 1 m	128 dB	125 dB	142 dB	140 dB
HF Horn Coverage Angles (-6 dB)	110° x 50°	80° x 80°	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	5 x M10 Threaded Hardware	5 x M10 Threaded Hardware	20 x M10 Threaded Hardware	20 x M10 Threaded Hardware
Transducers/ Replacement Parts	LF: 10P/GM-10P HF: M-60N/GM-M60N	LF: 2 x 6P/6P HF: M-34/GM-M-34	LF: 12HQN/GM-12HQ HF: M-75N/GM-M75N VHF: 2 x TW1/GM-TW1	LF: 15GNR/GM-15G MF: 8AN/GM-8AN HF: M-75N/GM-M75N
Connectors	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL8 SpeakON
Dimensions (H x W x D)	610 x 345 x 295 mm 24 x 13.6 x 11.6 in	550 x 195 x 260 mm 21.7 x 7.7 x 10.2 in	1125 x 745 x 525 mm 44.3 x 29.3 x 20.7 in	985 x 610 x 590 mm 38.8 x 24 x 23.2 in
Weight	11 kg (24.2 lb)	9 kg (19.8 lb)	58 kg (128 lb)	76 kg (167 lb)
Accessories	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXW-3 Wall Mount AXF-AR510 Ceiling Bracket AXU-AR510 U Bracket AXR-AR500 Rigging Plate	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXR-AR500 Rigging Plate AXU-AR526 U Bracket AXW-1 Wall Mount	ANL-2 Eye Bolt AX-SF112VA Stacking Base AX-SF1 Joining Plate AX-SF3 Joining Plate	ANL-2 Eye Bolt AX-SF2158 Joining Plate

Model	SF-212	SF-215	SF-218	SF-221
Peak Power Handling	3200 W	5600 W	8800 W	2 x 8000 W
RMS (Average) Power Handling	800 W	1400 W	2200 W	2 x 2000 W
Frequency Range (-10 dB)	37 Hz – 300 Hz	60 Hz – 250 Hz	28 Hz – 125 Hz	28 Hz – 125Hz
Nominal Impedance	4 ohms	4 ohms	4 ohms	2 x 4 ohms
Crossover Modes	Passive	Passive	Passive	Passive
On-axis Sensitivity 1 W/1 m	98 dB SPL	102 dB SPL	103 dB SPL	104 dB SPL
Maximum Peak SPL at 1 m	132 dB	134 dB	143 dB	145 dB
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	14 x M10 Threaded Hardware	20 x M10 Threaded Hardware	20 x M10 Threaded Hardware	26 x M10 Threaded Hardware
Transducers/ Replacement Parts	LF: 2 x 12P/GM-12P	LF: 2 x 15GNR/GM-15G	LF: 2 x 18UXN/GM-18UXN	LF: 2 x 21UXN4/GM-21UXN4
Connectors	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 SpeakON
Dimensions (H x W x D)	370 x 710 x 690 mm 14.6 x 28 x 27.2 in	1135 x 455 x 535 mm 44.7 x 17.9 x 21.1 in	515 x 955 x 1005 mm 20.3 x 37.6 x 39.6 in	615 x 1195 x 1100 mm 24.2 x 47 x 43.3 in
Weight	42.5 kg (93.5 lb)	59 kg (130 lb)	87 kg (192 lb)	130 kg (286 lb)
Accessories	ANL-2 Eye Bolt AX-AR3 Rigging System JP-320 Joining Plate	ANL-2 Eye Bolt AX-SF1 Joining Plate AX-SF3 Joining Plate AX-SF2215 Joining Plate	ANL-2 Eye Bolt PL-UX218S Stacking Dolly FUN-2-UX218 Cover FUN-3-UX218 Cover	ANL-2 Eye Bolt AX-SF1 Joining Plate AX-SF2 Joining Plate AX-SF2215 Joining Plate

Estadios e instalaciones de gran tamaño

Stadium and large-scale installations

Hangzhou Olympic Tennis Center, China

HQ series

HQ-112.43/64/95
HQ-212.64/95
HQ-218

Professional Installation

La Serie HQ de DAS 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 DAS 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

Puntos Clave	Sistema dos vías de tiro largo
	Altavoz de baja frecuencia de 12" con difusor acoplado
	Motor de compresión de neodimio M-78N
	Selector modo de operación pasivo/biamplificado
	Ángulos de cobertura 40° x 30°, 60° x 40°, 90° x 50°
	Difusor giratorio
	Soporte acero inoxidable
Key Features	Two-way long-throw systems
	Horn loaded 12" low frequency loudspeaker
	M-78N neodymium compression driver
	Selectable passive/biamplified operating modes
	40° x 30°, 60° x 40° and 90° x 50° coverage angles
	Rotatable horns
	Stainless steel rigging kit

HQ-212

Puntos Clave	Sistema dos vías de tiro largo
	Altavoces de baja frecuencia de 12"
	Motor de compresión de neodimio M-78N
	Selector modo de operación pasivo/biamplificado
	Ángulos de cobertura 60° x 40°, 90° x 50°
	Difusor giratorio
	Soporte acero inoxidable
Key Features	Two-way long-throw systems
	Horn loaded 2 X 12" low frequency loudspeaker
	M-78N neodymium compression driver
	Selectable passive/biamplified operating modes
	60° x 40° and 90° x 50° coverage angles
	Rotatable horns
	Stainless steel rigging kit

HQ-218

Puntos Clave	Sistema de bajas frecuencias colgable
	Doble altavoz 18LX
	Configuración bass-reflex
	Gran capacidad de potencia
	Soporte acero inoxidable
Key Features	Flyable low frequency system
	Two 18LX loudspeakers
	Bass-reflex configuration
	High power handling capacity
	Stainless steel rigging kit

Externally Powered

Model	HQ-112.43/64/95	HQ-212.64/95	HQ-218
Peak Power Handling	1600 W	3200 W	8000 W
RMS Power Handling	400 W	800 W	2000 W
Frequency Range (-10 dB)	80 Hz – 18 kHz	63 Hz – 18 kHz	50 Hz – 125 Hz
Nominal Impedance	8 ohms	8 ohms	4 ohms
Crossover Modes	Passive/Bi-amp	Passive/Bi-amp	Passive
On-Axis Sensitivity	111/110/109 dB SPL	106/105 dB SPL	101 dB SPL
Maximum Peak SPL	143/141/140 dB	141/140 dB	140 dB
HF Horn Coverage Angles	40° x 30° Rotatable (.43) 60° x 40° Rotatable (.64) 90° x 50° Rotatable (.95)	60° x 40° Rotatable (.64) 90° x 50° Rotatable (.95)	–
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	CX: Black/ISO-flex Paint DX: Black/Fiberglass	CX: Black/ISO-flex Paint DX: Black/Fiberglass	CX: Black/ISO-flex Paint DX: Black/Fiberglass
IP Rating	IP54	IP54	IP54
Rigging Points	20 x M10 threaded inserts	20 x M10 threaded inserts	20 x M10 threaded inserts
Transducers/Replacement Parts	LF: 12HQN/GM-12HQ HF: M-78N/GM-M75	LF: 2 x 12LQN4C/GM-12LQN4 HF: M-78N/GM-M75	LF: 2 x 18LX/GM-18LX
Connectors	Covered Barrier Strip 2 X NL4 speakON	Covered Barrier Strip	Covered Barrier Strip 2 X NL4 speakON
Dimensions (H x W x D)	990 x 685 x 755 mm 39 x 27 x 29.7 in	370 x 710 x 690 mm 14.6 x 28 x 27.2 in	990 x 685 x 755 mm 39 x 27 x 29.7 in
Weight	56 kg (123.2 lb) (43) 51 kg (112.2 lb) (64/95)	39 kg (85.8 lb)	67 kg (147.4 lb)
Accessories	ANL-2 Eye Bolt M10 Rigging Kit	ANL-2 Eye Bolt M10 Rigging Kit	ANL-2 Eye Bolt M10 Rigging Kit

King Abduallah II Stadium, Jordan

Durabilidad
en ambientes
extremos

—

Durability
in extreme
environments

WR series

WR-8826-CX/DX
WR-6412-CX/DX
WR-6415-CX/DX
WR-121S-CX/DX
WR-151S-CX/DX
WR-320-DX
WR-322S-DX

Professional Installation

La serie WR 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 entornos ambientalmente extremos.

La serie WR ofrece dos niveles de protección en función de su ubicación, CX (Covered Exposure) para instalaciones cubiertas al aire libre o DX (Direct Exposure) para instalaciones al aire libre en las que los sistemas están expuestos directamente a las inclemencias meteorológicas.

The WR (Weather Resistant) series products offer flexible system configuration as well as special treatment for weather resistance and extended durability in extreme environments.

The WR Series offers two exposure ratings: CX (covered exposure) for applications where cabinets are covered or protected, and DX (direct exposure) where cabinets are unprotected and directly exposed to the environment.

WR-8826-CX/DX

Puntos Clave	Sistema 2 vías para instalación a la intemperie CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio 2 altavoces de graves 6B Motor de compresión con diafragma anular de 1" Anclajes de rosca de acero inoxidable para soporte Versión "T" con transformador de línea (Foto con acabado de fibra de vidrio DX)
Key Features	2-way system for outdoor installation CX finish with DAS ISO-flex paint DX with fiberglass finish Twin 6" loudspeaker 1" annular diaphragm compression driver Stainless threaded fixing points for wall mounts "T" version with line transformer (Photo with DX fiberglass finish)

WR-6412-CX/DX

Puntos Clave	Sistema 2 vías para instalación a la intemperie CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio 1 altavoz de graves 12P Motor de compresión M-75 de 1.5" Difusor rotable con dispersión 60° x 40° (Foto con acabado de fibra de vidrio DX)
Key Features	2-way system for outdoor installation CX finish with DAS ISO-flex paint DX with fiberglass finish 1 x 12P loudspeaker M-75 compression driver with 3" annular diaphragm Rotatable 60° x 40° horn design (Photo with DX fiberglass finish)

WR-6415-CX/DX

Puntos Clave	Sistema 2 vías para instalación a la intemperie CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio 1 altavoz de graves 15AV Motor de compresión M-75 de 1.5" Difusor rotable con dispersión 60° x 40° Anclajes de rosca de acero inoxidable para soporte (Foto con acabado de ISO-flex CX)
Key Features	2-way system for outdoor installation CX finish with DAS ISO-flex paint DX with fiberglass finish 1 x 15AV loudspeaker M-75 compression driver with 3" annular diaphragm Rotatable 60° x 40° horn design Stainless threaded fixing points for wall mounts (Photo with CX ISO-flex finish)

WR-121S-CX/DX

Puntos Clave	Sistema subgraves resistente a la intemperie con altavoz 12" CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio Fácil volado con WR-6412-CX o DX Anclajes de rosca para accesorios de montaje (Foto con acabado de fibra de vidrio DX)
Key Features	12" weather resistant subwoofer system CX finish with DAS ISO-flex paint DX with fiberglass finish Easy arraying with the WR-6412-CX or DX Threaded fixing points for mounting accessories (Photo with DX fiberglass finish)

WR-151S-CX/DX

Puntos Clave	Sistema de subgraves resistente a la intemperie con altavoz 15" CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio Fácil volado con WR-6415-CX o DX Anclajes de rosca para accesorios de montaje (Foto con acabado de fibra de vidrio DX)
Key Features	15" weather resistant subwoofer system CX finish with DAS ISO-flex paint DX with fiberglass finish Easy arraying with the WR-6415-CX or DX Threaded fixing points for mounting accessories (Photo with DX fiberglass finish)

Jyske Bank Boxen, Denmark

WR-320-DX

Puntos Clave	Line array de instalación fija DX con acabado exterior de fibra de vidrio 2 x altavoces de bajas frecuencias 10MI, 2.5" VCD 1 x motor de compresión DAS M-75 Sistema de suspensión para instalación fija Suspensión compatible con WR-322S-DX
Key Features	Installation Line Array DX with fiberglass finish 2 x 10MI low frequency loudspeakers, 2.5" VCD 1 x DAS M-75 compression driver Rigging systems for permanent installation Rigging compatible with the WR-322S-DX

WR-322S-DX

Puntos Clave	Sistema subgraves compacto bass-reflex DX con acabado exterior de fibra de vidrio 2 x altavoces de bajas frecuencias 12P, 3" VCD Utilización en sistemas biamplificados Suspensión compatible con WR-320-DX
Key Features	Compact bass-reflex subwoofer system DX with fiberglass finish 2 x 12P low frequency loudspeakers, 3" VCD For use in bi-amplified systems Rigging compatible with the WR-320-DX

Stade Toulousain, France

Externally Powered

Model	WR-8826-CX/DX (T)	WR-6412-CX/DX	WR-6415-CX/DX	WR-121S-CX/DX
Peak Power Handling	800 W	1600 W	1600 W	2400 W
RMS Power Handling	200 W	400 W	400 W	600 W
Frequency Range (-10 dB)	70 Hz - 20 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 (T version)	50 W (100 V) 25 W (70 V)	–	–	–
On-axis Sensitivity 1 W/1 m	93 dB SPL	98 dB SPL	99 dB SPL	96 dB SPL
Maximum Peak SPL at 1 m	122 dB	130 dB	131 dB	130 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
Color/Finish	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass
IP Rating	IP56	IP54	IP56	IP54
Transducers/ Replacement Parts	LF: 2 x 6B/6B HF: M-1/M-1	LF: 12P/GM-12P HF: M-75/GM-M75	LF: 15AV/GM-15P HF: M-75/GM-M75	LF: 12GX/GM-12GX
Connectors	Barrier Strip	Barrier Strip	Barrier Strip	Barrier Strip
Dimensions (H x W x D)	550 x 230 x 270 mm 21.7 x 9.1 x 10.6 in	705 x 395 x 395 mm 27.8 x 15.6 x 15.6 in	775 x 465 x 460 mm 30.5 x 18.3 x 18.1 in	705 x 395 x 395 mm 27.8 x 15.6 x 15.6 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
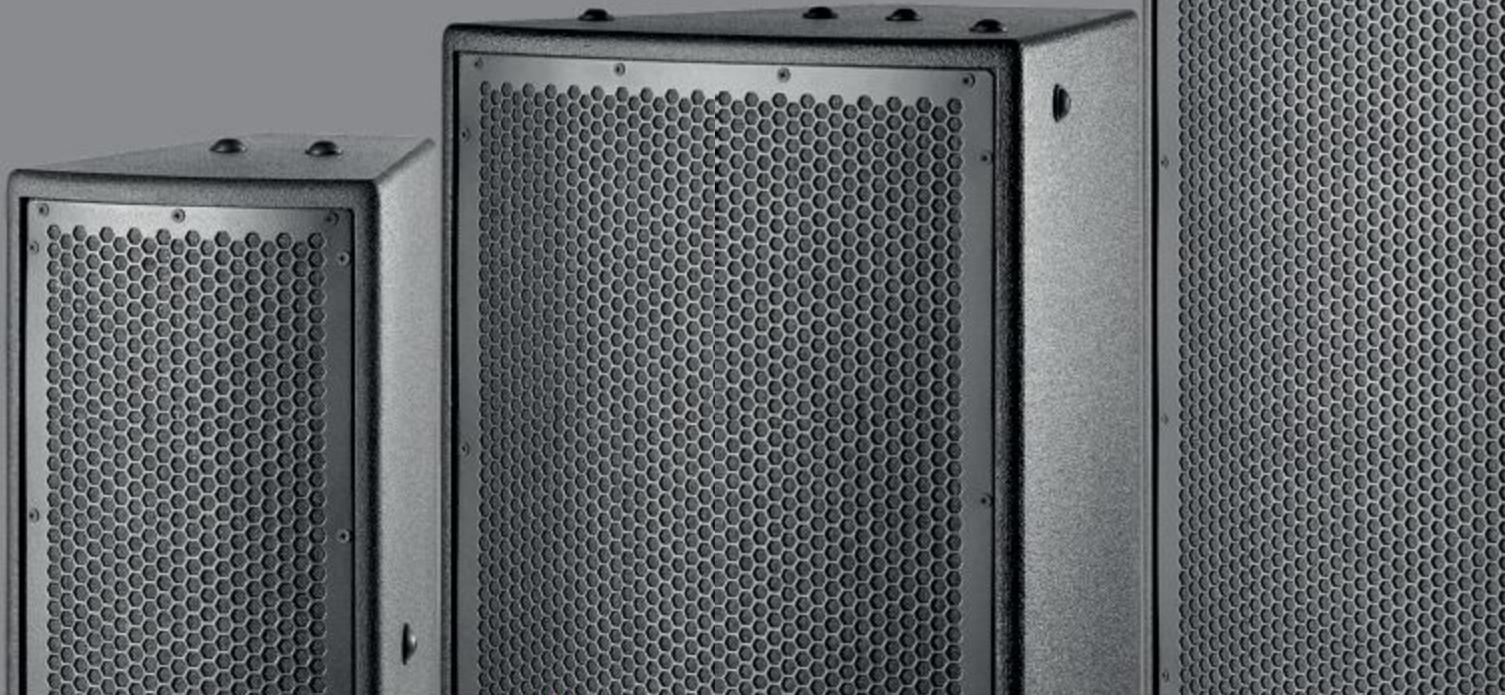
Model	WR-151S-CX/DX	WR-32D-DX	WR-322S-DX
Peak Power Handling	3200 W	2000 W	3200 W
RMS Power Handling	800 W	500 W	800 W
Frequency Range (-10 dB)	45 Hz - 125 Hz	60 Hz - 20 kHz	37 Hz - 300 Hz
Nominal Impedance	4 ohms passive 8 ohms biamp	16 ohms	4 ohms
Transformer Taps (T version)	–	–	–
On-axis Sensitivity 1 W/1 m	98 dB SPL	99 dB SPL	99 dB SPL
Maximum Peak SPL at 1 m	136 dB	132 dB	134 dB
HF Horn Coverage Angles (-6 dB)	–	90° x Splay Dependent	–
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass	CX: Black/ISO-flex Paint DX: Black or White/Fiberglass
IP Rating	IP54	IP54	IP54
Transducers/ Replacement Parts	LF: 15SX/GM-15SX	LF: 2 x 10MI/GM-10MI HF: M-75/GM-M75	LF: 2 x 12P/GM-12P
Connectors	Barrier Strip	Barrier Strip	Barrier Strip
Dimensions (H x W x D)	775 x 465 x 460 mm 30.5 x 18.3 x 18.1 in	270 x 700 x 365 mm 10.6 x 27.6 x 14.4 in	365 x 700 x 690 mm 14.4 x 27.6 x 27.2 in
Weight	28 kg (61.6 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-WR6415 U-Bracket	ANL-2 Eye Bolt AX-WR300 Rigging Bumper JP-WR320 Joining Plate	ANL-2 Eye Bolt AX-WR300 Rigging Bumper JP-WR320 Joining Plate

Sistemas certificados para sistemas de alarma por voz

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Certified voice alarm systems

Xfinity East Plaza, American Airlines Arena, USA

EN54-24 *certified*

WR-8826-CX/DX
WR-6412-CX/DX
WR-6415-CX/DX
AERO-12

Professional
Installation

Los sistemas DAS 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 DAS 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.

WR-8826-CX/DX

Puntos Clave	Sistema 2 vías para instalación a la intemperie CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio 2 altavoces de graves 6B Motor de compresión con diafragma anular de 1" Anclajes de rosca de acero inoxidable para soporte Versión "T" con transformador de línea
Key Features	2-way system for outdoor installation CX finish with DAS ISO-flex paint DX with fiberglass finish Twin 6" loudspeaker 1" annular diaphragm compression driver Stainless threaded fixing points for wall mounts "T" version with line transformer

WR-6412-CX/DX

Puntos Clave	Sistema 2 vías para instalación a la intemperie CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio 1 altavoz de graves 12P Motor de compresión M-75 de 1.5" Difusor rotable con dispersión 60° x 40° Anclajes de rosca de acero inoxidable para soporte
Key Features	2-way system for outdoor installation CX finish with DAS ISO-flex paint DX with fiberglass finish 1 x 12P loudspeaker M-75 compression driver with 3" annular diaphragm Rotatable 60° x 40° horn design Stainless threaded fixing points for wall mounts

WR-6415-CX/DX

Puntos Clave	Sistema 2 vías para instalación a la intemperie CX con acabado exterior de ISO-flex DX con acabado exterior de fibra de vidrio 1 altavoz de graves 15AV Motor de compresión M-75 de 1.5" Difusor rotable con dispersión 60° x 40° Anclajes de rosca de acero inoxidable para soporte
Key Features	2-way system for outdoor installation CX finish with DAS ISO-flex paint DX with fiberglass finish 1 x 15AV loudspeaker M-75 compression driver with 3" annular diaphragm Rotatable 60° x 40° horn design Stainless threaded fixing points for wall mounts

AERO-12

Puntos Clave	Sistema line array certificado EN54-24 1 x altavoz de neodimio DAS de 12" Motor de neodimio DAS M-75N con salida de 1,5" Guía de ondas BPS-9010 Serpis de aluminio Sistema de volado integrado en la caja
Key Features	EN54-24 certified line array system 1 X 12" DAS neodymium loudspeaker M-75N 1.5" exit neodymium compression driver Injected aluminum Serpis BPS-9010 waveguide Captive rigging system

Externally Powered

Model	WR-8826-CX/DX	WR-6412-CX/DX	WR-6415-CX/DX	AERO-12
Nominal Power	200 W	300 W	300 W	250 W
Frequency Range (-10 dB)	70 Hz - 22 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	62 Hz - 22 kHz
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms
Minimum Impedance	6.7 ohms @ 8320 Hz	8.2 ohms @ 135 Hz	8 ohms @ 133 Hz	7.4 ohms @ 140 Hz
On-axis Sensitivity 1 W/1 m	75.3 dB	82.5 dB	82 dB	81.4 dB
Maximum Peak SPL at 1 m	97.05 dB	106.7 dB	107 dB	107 dB
Horizontal Coverage Angles (-6 dB) (500 Hz, 1 kHz, 2 kHz, 4 kHz)	194°, 123°, 108°, 85°	135°, 92°, 70°, 65°	120°, 84°, 60°, 60°	132°, 91°, 95°, 91°
Vertical Coverage Angles (-6 dB) (500 Hz, 1 kHz, 2 kHz, 4 kHz)	85°, 35°, 135°, 75°	144°, 122°, 57°, 42°	127°, 105°, 54°, 40°	144°, 84°, 40°, 20°
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	CX: Black/Polyurea DX: Black or Military Grey/Fiberglass	CX: Black/Polyurea DX: Black or Military Grey/Fiberglass	CX: Black/Polyurea DX: Black or Military Grey/Fiberglass	CX: Black/Polyurea DX: Black or Military Grey/Fiberglass
Transducers/ Replacement Parts	LF: 2 x 6B/6B HF: M-1/M-1	LF: 12P/GM-12P HF: M-75/GM-M75	LF: 15AV/GM-15P HF: M-75/GM-M75	LF: 21 x 12LNC/GM-12P HF: M-75N/GM-M75N
Environmental Type	Type B	Type B	Type B	Type B
IP Rating	IP56	IP54	IP56	IP33
Connectors	Barrier Strip	Barrier Strip	Barrier Strip	Barrier Strip
Dimensions (H x W x D)	550 x 2230 x 270 mm 21.7 x 9.1 x 10.6 in	705 x 395 x 395 mm 27.8 x 15.6 x 15.6 in	775 x 465 x 460 mm 30.5 x 18.3 x 18.1 in	320 x 690 x 390 mm 12.6 x 27.2 x 15.4 in
Weight	12 kg (26.5 lb)	24 kg (52.8 lb)	28 kg (61.6 lb)	27 kg (59.5 lb)
Accessories	ANL-2 Eye Bolt AXU-WR8826 U Bracket AXW-1 Wall Mount	ANL-2 Eye Bolt AXU-WR6412 U-Bracket	ANL-2 Eye Bolt AXU-WR6415 U-Bracket	AX-AE12S2 Rigging Grid AX-COMBO12 Rigging Adapter PL-12S Steel Dolly

Sistemas de calidad para la instalación

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Quality installation systems

artec *500* series

ARTEC-506A/ARTEC-506
ARTEC-526A/ARTEC-526
ARTEC-508A/ARTEC-508
ARTEC-510A/ARTEC-510
ARTEC-S15A/ARTEC-S15

Professional Installation

Los sistemas de la serie Artec-500, de diseño discreto y elegante, han sido desarrollados para ofrecer una amplia cobertura 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 coverage 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

Puntos Clave	Sistema dos vías autoamplificado Biamplificación Clase D 1080 Wpico 1 x altavoz DAS 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
Key Features	Powered two-way system Class D bi-amplification 1080 Wpeak 1 X 6" DAS 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

Puntos Clave	Sistema multipropósito autoamplificado Biamplificación Clase D 1080 Wpico 2 x altavoz DAS 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
Key Features	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

Puntos Clave	Sistema dos vías autoamplificado Biamplificación Clase D 1080 Wpico 1 x altavoz DAS 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
Key Features	Powered two-way system Class D bi-amplification 1080 Wpeak 1 X 8" DAS 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

Puntos Clave	Sistema dos vías autoamplificado Biamplificación Clase D 1080 Wpico 1 x altavoz DAS 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
Key Features	Powered two-way system Class D bi-amplification 1080 Wpeak 1 X 10" DAS 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
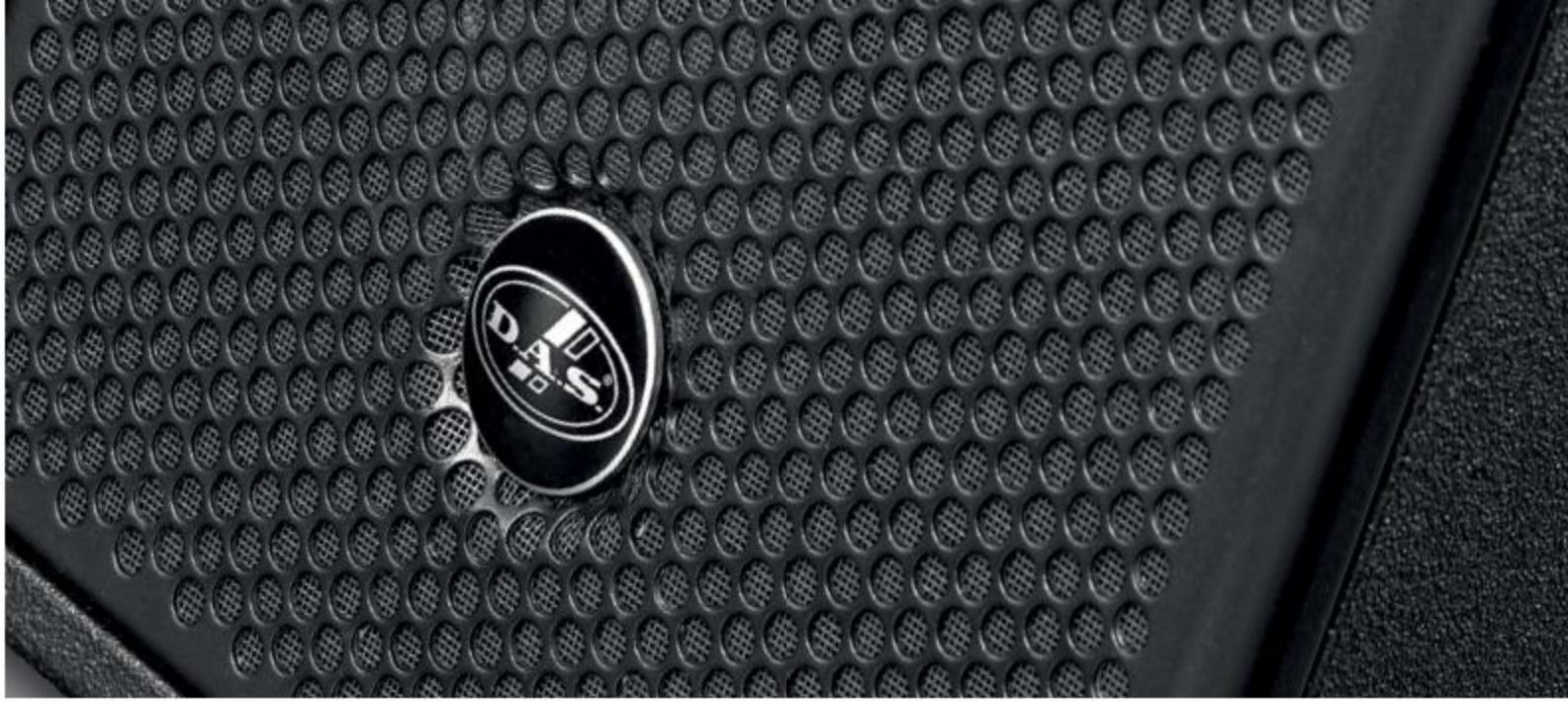
Puntos Clave	Subgraves compacto autoamplificado Amplificador Clase D 2000 Wpico 1 x altavoz DAS de 15" Selector de preajuste cardioide Conmutador con función Filtro/Loop Thru Filtro LPF variable de 100-160 Hz Control de ganancia e inversor de polaridad Artec-S15 es la versión pasiva
Key Features	Powered ultra compact subwoofer Class D 2000 Wpeak amplifier 1 x DAS 15" loudspeaker Cardioid preset selector Filtered output defeat switch Variable 100-160 Hz LPF filter Gain control and polarity switch Passive version is the Artec-S15

Powered

Model	ARTEC-506A	ARTEC-526A	ARTEC-508A	ARTEC-510A	ARTEC-S15A
Nominal LF Amplifier Power	720 Wpeak 360 Wcontinuous	720 Wpeak 360 Wcontinuous	720 Wpeak 360 Wcontinuous	720 Wpeak 360 Wcontinuous	2000 Wpeak 1000 Wcontinuous
Nominal HF Amplifier Power	360 Wpeak 180 Wcontinuous	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	Balanced Differential Line
Input Impedance	Line 20 kohms	Line 20 kohms	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)	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	45 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	–
Rated Maximum Peak SPL at 1 m	118 dB	125 dB	122 dB	128 dB	134 dB
Transducers/ Replacement Parts	LF:6P/6P HF: M-34/GM-M34	LF:2 X 6P4/6P4 HF: M-34/GM-M34	LF:8C/GM-8C HF: M-34/GM-M34	LF:10P/GM-10P HF: M-60N/GM-M60N	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	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz	115 V, 4 A, 50 Hz/60 Hz 230 V, 2 A, 50 Hz/60 Hz
Dimensions (H x W x D)	385 x 195 x 260 mm 15.2 x 7.7 x 10.2 in	550 x 195 x 260 mm 21.7 x 7.7 x 10.2 in	450 x 245 x 290 mm 17.7 x 9.6 x 11.4 in	610 x 345 x 295 mm 24 x 13.6 x 11.6 in	515 x 465 x 585 mm 20.3 x 18.3 x 23 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 AXR-AR5 Rigging Plate AXU-AR506 U-Bracket AXW-1 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXR-AR5 Rigging Plate AXU-AR526 U-Bracket AXW-1 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A508 Ceiling Bracket AXR-AR5 Rigging Plate AXU-AR508 U-Bracket AXW-3 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A510 Ceiling Bracket AXR-AR5 Rigging Plate AXU-AR510 U-Bracket AXW-3 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt TRD-6 Pole Mount

Externally Powered

Model	ARTEC-506	ARTEC-526	ARTEC-508	ARTEC-510	ARTEC-S15
Peak Power Handling	800 W	1600 W	1200 W	1600 W	3200 W
RMS Power Handling	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-M34	LF:2 x 6P/6P HF: M-34/GM-M34	LF:8C/GM-8C HF: M-34/GM-M34	LF:10P/GM-10P HF: M-60N/GM-M60N	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)	385 x 195 x 260 mm 15.2 x 7.7 x 10.2 in	385 x 195 x 260 mm 15.2 x 7.7 x 10.2 in	450 x 245 x 290 mm 17.7 x 9.6 x 11.4 in	610 x 345 x 295 mm 24 x 13.6 x 11.6 in	515 x 465 x 585 mm 20.3 x 18.3 x 23 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-AR5 Rigging Plate AXU-AR506 U-Bracket AXW-1 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXR-AR5 Rigging Plate AXU-AR526 U-Bracket AXW-1 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A508 Ceiling Bracket AXU-AR508 U-Bracket AXW-3 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt AX-SPG1 Adapter AX-SPG2 Adapter AXC-AT C-Clamp Adapter AXF-A510 Ceiling Bracket AXR-AR5 Rigging Plate AXU-AR510 U-Bracket AXW-3 Wall Mount TRD-2 Speaker Stand TRD-6 Pole Mount	ANL-2 Eye Bolt TRD-6 Pole Mount

Sistemas de instalación pasivos

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Passive installation systems

Cafe 601, USA

artec 300 series

Professional Installation

Los sistemas Artec-300 de DAS 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 DAS 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.

ARTEC-306/ARTEC-306-T

Puntos Clave	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
Key Features	1 x 6B low frequency loudspeaker 1 x M-26 compression driver Vertical or horizontal positioning Rotatable 90° x 60° horn VESA-75/VESA-100 standard threaded mounting points Version with factory-installed line transformer available

ARTEC-326/ARTEC-326-T

Puntos Clave	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
Key Features	2 x 6B low frequency loudspeakers 1 x M-26 compression driver Vertical or horizontal positioning Rotatable 90° x 60° horn VESA-75/VESA-100 standard threaded mounting points Version with factory-installed line transformer available

ARTEC-308/ARTEC-308-T

Puntos Clave	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
Key Features	1 x 8B low frequency loudspeaker 1 x M-26 compression driver Vertical or horizontal positioning Rotatable 90° x 60° horn VESA-75/VESA-100 standard threaded mounting points Version with factory-installed line transformer available

ARTEC-310.64/ARTEC-310.64-T
ARTEC-310.96/ARTEC-310.96-T

Puntos Clave	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
Key Features	1 x 10MI low frequency loudspeaker, 2.5" VCD 1 x M-34 compression driver Rotatable 90° x 60° (310.96) or 60° x 40° (310.64) horns Vertical or horizontal positioning VESA-75/VESA-100 standard threaded mounting points Version with factory-installed line transformer available

ARTEC-312.64/96

Puntos Clave	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
Key Features	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-315.64/96

Puntos Clave	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
Key Features	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-320

Puntos Clave	Line array de instalación fija 2 x altavoces de bajas frecuencias 10MI, 2.5" VCD 1 x motor de compresión DAS M-75 Sistema de suspensión para instalación fija Suspensión compatible con Artec-322S
Key Features	Installation Line Array 2 x 10MI low frequency loudspeakers, 2.5" VCD 1 x DAS M-75 compression driver Rigging system for permanent installation Rigging compatible with the Artec-322S

ARTEC-322S

Puntos Clave	Sistema subgraves compacto bass-reflex 1600 Wprograma de potencia 2 x altavoces de bajas frecuencias 12P, 3" VCD Utilización en sistemas biamplificados Suspensión compatible con Artec-320
Key Features	Compact bass-reflex subwoofer system 1600 Wprogram power handling 2 x 12P low frequency loudspeakers, 3" VCD For use in bi-amplified systems Rigging compatible with the Artec 320

Indochine Restaurant, Spain

Externally Powered

Model	ARTEC-306/306-T	ARTEC-326/326-T	ARTEC-308/308-T	ARTEC-310.64/310.64-T ARTEC-310.96/310.96-T
Peak Power Handling	400 W	800 W	600 W	1000 W
RMS 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
Transformer Taps (T version)	25 W, 50 W, 100 W (100 V) 12.5 W, 25 W, 50 W, 100 W (70 V)	25 W, 50 W, 100 W (100 V) 12.5 W, 25 W, 50 W, 100 W (70 V)	25 W, 50 W, 100 W (100 V) 12.5 W, 25 W, 50 W, 100 W (70 V)	25 W, 50 W, 100 W (100 V) 12.5 W, 25 W, 50 W, 100 W (70 V)
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 Geometry	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-M26	LF: 2 x 6B/6B HF: M-26/GM-M26	LF: 8B/8B HF: M-26/GM-M26	LF: 10MI/GM-10MI HF: M-34/GM-M34
Connectors	Terminal Strip	Terminal Strip	Terminal Strip	Terminal Strip
Dimensions (H x W x D)	385 x 195 x 260 mm 15.2 x 7.7 x 10.2 in	550 x 195 x 260 mm 21.7 x 7.7 x 10.2 in	450 x 290 x 245 mm 17.7 x 11.4 x 9.6 in	610 x 295 x 345 mm 24 x 11.6 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	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C Clamp Adapter AXU-AR306 U Bracket (incl.) AXW-3 Wall Mount AXR-AR5	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C Clamp Adapter AXU-AR326 U Bracket (incl.) AXW-3 Wall Mount AXR-AR5	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C Clamp Adapter AXU-AR308 U Bracket (incl.) AXW-3 Wall Mount AXF-AR508 Ceiling Bracket AXR-AR5	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C Clamp Adapter AXU-AR310 U Bracket (incl.) AXW-3 Wall Mount AXF-AR510 Ceiling Bracket AXR-AR5

Model	ARTEC-312.64/96	ARTEC-315.64/96	ARTEC-320	ARTEC-322S
Peak Power Handling	1200 W	1400 W	2000 W	3200 W
RMS 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
Transformer Taps (T version)	-	-	-	-
On-axis Sensitivity 1 W/1 m	96 dB SPL	96 dB SPL	99 dB SPL	98 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 Geometry	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-M34	LF: 15MI/GM-15MI HF: M-34/GM-M34	LF: 2 x 10MI/GM-10MI HF: M-75/GM-M75	LF: 2 x 12P/GM-12P
Connectors	Terminal Strip	Terminal Strip	Terminal Strip	Terminal Strip
Dimensions (H x W x D)	615 x 385 x 375 mm 24.2 x 15.2 x 14.8 in	715 x 445 x 380 mm 28.1 x 17.5 x 15 in	345 x 710 x 360 mm 13.6 x 28 x 14.2 in	365 x 700 x 690 mm 14.4 x 27.6 x 27.2 in
Weight	18.5 kg (34.1 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-AR312 U Bracket AXR-AR5	ANL-2 Eye Bolt AX-SPG1 Adapter AXC-AT C Clamp Adapter AXU-AR315 U Bracket AXR-AR5	AX-AR3 Rigging Bumper JP-320 Joining Plate (incl.)	ANL-2 Eye Bolt AX-AR3 Rigging Bumper JP-320 Joining Plate (incl.)

Alta inteligibilidad y respuesta configurable

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Outstanding intelligibility and configurable response

Quantum series

Q-3-T/W
Q-23-T/Q-23-T/W
Q-43-T/Q-43-T/W
Q-10A/Q-10

Professional Installation

Sistemas de instalación de alta inteligibilidad y cobertura vertical configurable, ideales para espacios con condiciones acústicas complejas o experiencias envolventes.

Los recintos de los sistemas Quantum están fabricados en extrusión de aluminio, lo que aporta una robustez excepcional. La serie Quantum es ideal para funcionar como sistema principal en instalaciones con ambientes reverberantes como centros de culto, museos, o centros de conferencias.

The Quantum systems are designed for fixed-venue installations and offer outstanding speech intelligibility and configurable vertical coverage, suitable for spaces with complex acoustic conditions and immersive experiences.

The enclosures of the Quantum series are made from extruded aluminum which offers exceptional robustness. Ideal as the main PA in reverberant spaces such as houses of workship, museums, and conference centers.

Q-3-T

Puntos Clave	**Sistema pasivo**
	Recinto de aluminio
	Altavoz de amplia gama 1 x 3", 3P
	Dispersión H x V: 120° x 120°
	Transformador multi-paso incorporado 70V/100V
	Disponible en cualquier color RAL
Key Features	Passive full-range system
	Aluminum enclosure
	1 x 3", 3P full-range speaker
	Dispersion H x V: 120° x 120°
	Multi-tap 100/70V transformer included
	Available in all RAL colors

Q-23-T

Puntos Clave	**Sistema pasivo de amplia gama**
	Recinto de aluminio
	Altavoz de amplia gama 2 x 3", 3P16
	Dispersión variable H x V: 120° x 70°/90°
	Transformador multi-paso incorporado 70V/100V
	Disponible en cualquier color RAL
Key Features	Passive full-range system
	Aluminum enclosure
	2 x 3", 3P16 full-range speaker
	Variable dispersion H x V: 120° x 70°/90°
	Multi-tap 100/70V transformer included
	Available in all RAL colors

Q-43-T

Puntos Clave	**Sistema pasivo de amplia gama**
	Recinto de aluminio
	Altavoz de amplia gama 4 x 3", 3P16
	Dispersión variable H x V: 120° x 30°/45°
	Transformador multi-paso incorporado 70V/100V
	Disponible en cualquier color RAL
Key Features	Passive full-range system
	Aluminum enclosure
	4 x 3", 3P16 full-range speaker
	Variable dispersion H x V: 120° x 30 °/45°
	Multi-tap 100/70V transformer included
	Available in all RAL colors

Q-10 A

Puntos Clave	Subwoofer compacto autoamplificado Recinto de abedul de alta calidad 1 x 10" altavoz DAS 10MG Amplificador clase D de 250W continuos
Key Features	Compact self-powered subwoofer system Birch plywood enclosure 1 x 10", 10MG Loudspeaker 500 W peak Class D amplifier

Q-10

Puntos Clave	Subwoofer pasivo compacto Recinto de abedul de alta calidad 1 x 10" altavoz DAS 10MG Rango de frecuencia 40 Hz – 200 Hz
Key Features	Compact subwoofer system Birch plywood enclosure 1 x 10", DAS 10MG Loudspeaker Frequency range 40 Hz – 200 Hz
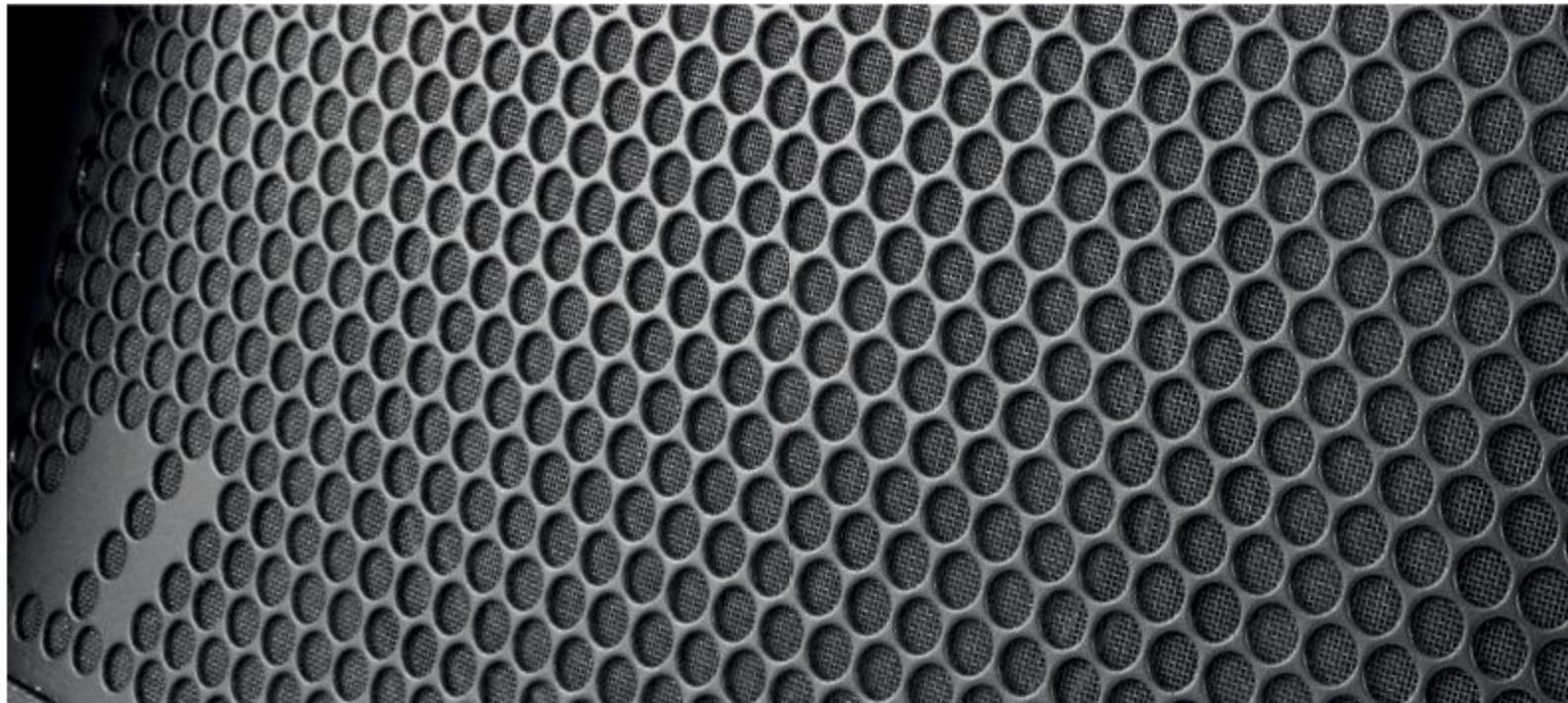
Powered

Model	Q-10A
Nominal Power Amplifier	500 Wpeak - 250 Wcontinuous
Input Type	Balanced Differential Line
Input Impedance	20 kohms
Sensitivity	Line: 1.95 V (+8 dBu)
Frequency Range (-10 dB)	40 Hz – 200 Hz
Rated Maximum Peak SPL at 1 m	121 dB
Enclosure Material	Birch Plywood
Color/Finish	Black or White/Paint
Transducers/Replacement Parts	10MG/GM-10MG
Connectors	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: 1 X IEC
AC Power Requirements	115 V, 2.8 A, 50/50 Hz 230 V, 1.4 A, 50/60 Hz
Dimensions (H x W x D)	305 x 505 x 415 mm 12 x 19.9 x 16.3 in
Weight	17 kg (37.4 lb)
Accessories	ANL-2 Eye Bolt

Externally Powered

Model	Q-3-T	Q-23-T	Q-43-T	Q-10
Peak Power Handling	80 W	160 W	320 W	1000 W
RMS Power Handling	20 W	40 W	80 W	250 W
Frequency Range (-10 dB)	150 Hz - 20 kHz	150 Hz - 20 kHz	150 Hz - 20 kHz	40 Hz - 200 Hz
Nominal Impedance	8 ohms	8 ohms	4 ohms	8 ohms
Transformers Taps	7.5 W - 15 W - 20 W/100 V 3.5 W - 7.5 W - 10 W/70 V	10 W - 20 W - 30 W/100 V 5 W - 10 W - 15 W/70 V	15 W - 30 W - 50 W/100 V 7.5 W - 15 W - 25 W/70 V	-
On-axis Sensitivity 1 W/1 m	87 dB SPL	90 dB SPL	93 dB SPL	94 dB SPL
Maximum Peak SPL at 1 m	106 dB	112 dB	118 dB	121 dB
Coverage Angles (-6 dB)	120° H x 120° V	120° H x Switchable 90°- 70° V	120° H x Switchable 45°- 30° V	-
Enclosure Material	Aluminium	Aluminium	Aluminium	Birch Plywood
Color/Finish	Black or White (W) *	Black or White/Paint *	Black or White/Paint *	Black or White/Paint
IP Rating	IP54	IP54	IP54	-
Transducers/Replacement Parts	1 x 3P	2 x 3P16	4 x 3P16	10MG/GM-10MG
Connectors	2-way Phoenix 2.54 mm	2-way Phoenix 2.54 mm	2-way Phoenix 2.54 mm	2 x NL4 speakON
Dimensions (H x W x D)	105 x 125 x 125 mm 4.1 x 4.9 x 4.9 in	190 x 125 x 125 mm 7.5 x 4.9 x 4.9 in	355 x 125 x 125 mm 14 x 4.9 x 4.9 in	305 x 505 x 415 mm 12 x 19.9 x 16.3 in
Weight	1.6 kg (3.52 lb)	2.8 kg (6.16 lb)	5.3 kg (11.66 lb)	16.2 kg (35.6 lb)
Accessories	AXW-4 Wall Mount AXW-5 Wall Mount AXC-ZT2 Adapter JP-Q Joining Plate KIT-IP-Q	AXS-Q Monitor Stand AXW-4 Wall Mount AXW-5 Wall Mount AXC-ZT2 Adapter JP-Q Joining Plate KIT-IP-Q	AXW-4 Wall Mount AXW-5 Wall Mount AXC-ZT2 Adapter JP-Q Joining Plate KIT-IP-Q	ANL-2 Eye Bolt

* Disponible en todos los colores RAL bajo pedido / Available in all RAL colors upon request

Ideal para sistemas de música ambiente

Ideal for background music systems

Centrálna Klubovňa, Slovakia

arco series

ARCO-4-T
ARCO-24-T
ARCO-12 SUB

Professional Installation

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) y aeropuertos.

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.

ARCO-4-T

Puntos Clave	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
Key Features	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-24-T

Puntos Clave	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
Key Features	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

Puntos Clave	Subgraves compacto para instalación 1 x altavoz 12" de doble bobina Entradas derecha/izquierda Salidas filtradas derecha/izquierda Montaje en pared con accesorio incluido
Key Features	Compact installation subwoofer 1 x 12" double coil loudspeaker Right/Left inputs Filtered right/left outputs Wall mount accessory included

Externally Powered

Model	ARCO-4-T	ARCO-24-T
Peak Power Handling	200 W	400 W
RMS Power Handling	50 W	100 W
Frequency Range (-10 dB)	72 Hz – 22 kHz	65 Hz – 22 kHz
Nominal Impedance	8 ohms	8 ohms
On-axis Sensitivity 1 W/1 m	86 dB SPL	89 dB SPL
Transformers Taps	5 W-10 W-15 W/100 V 2.5 W-5 W-7.5 W/70 V	10 W-20 W-30 W/100 V 5 W-10 W-15 W/70 V
Maximum Peak SPL at 1 m	109 dB	115 dB
HF Horn Coverage Angles (-6 dB)	90° x 90°	80° H x 70° V
Enclosure Material	High Impact ABS Paintable UV Resistant	High Impact ABS Paintable UV Resistant
Color/Finish	Black or White	Black or White
IP Rating	IP54 (with IP-kit)	IP54 (with IP-kit)
Transducers/Replacement Parts	LF: 4G/4G HF: TWT-4/TWT-4	LF: 2 x 4G4/4G4 HF: TWT-24/TWT-24
Connectors	Spring Terminals	Spring Terminals
Dimensions (H x W x D)	210 x 135 x 140 mm 8.3 x 5.3 x 5.5 in	340 x 145 x 140 mm 13.4 x 5.7 x 5.5 in
Weight	1.6 kg (3.5 lb)	2.6 kg (5.7 lb)
Accessories	AX-4RM Wall Mount (included) AXA-AC Mounting Accessory AXU-AC4 U-Bracket KIT-IP-ARCO	AX-4RM Wall Mount (included) AXA-AC Mounting Accessory AXU-AC24 U-Bracket KIT-IP-ARCO

Model	ARCO-12SUB
Power Handling	170 Wcontinuous program per coil
Frequency Range (-10 dB)	40 Hz – 200 Hz
Nominal Impedance	8 + 8 ohms (dual voice coil)
On-axis Sensitivity 1 W/1 m	106 dB SPL at corner junction (Π/2 loading, 1/2 each coil)
Maximum Peak SPL at 1 m	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)
Enclosure Material	MDF
Color/Finish	Black
Transducers/Replacement Parts	122S/122S
Connectors	Spring Terminals Left In, Right In Left Satellite Out Right Satellite Out
Dimensions (H x W x D)	360 x 595 x 270 mm 14.2 x 23.4 x 10.6 in
Weight	14 kg (30.8 lb)
Accessories	AXW-122S Wall Mount (included)

Sistemas para aplicaciones especiales

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Systems for special applications

special applications

OVI-12
CL-5/CL-5-T
CL-6/CL-6-T
CL-6-TB
CL-8/CL-8-T
BIDRIVER PLUS/BIDRIVER PLUS T
FACTOR-8/FACTOR-8T

Professional Installation

Sistemas de sonido para instalaciones atípicas.

Sistemas para uso en exteriores, para tiro largo extremo o altavoces de techo de gran potencia son productos que entran en esta categoría.

Sound systems for applications that are not your normal type of installation.

Outdoor use, extreme long-throw or high power ceiling speakers are products that fit in this category.

OVI-12

Puntos Clave	Altavoz único y versátil
	Múltiples aplicaciones en interiores y exteriores
	Rica reproducción musical
	Coaxial 12" + motor de compresión 1"
	Ligero recinto de polipropileno
	Accesorios y soportes para pared o techo

Key Features	Unique and versatile loudspeaker system
	Wide variety of applications both indoors or outdoors
	Rich music reproduction
	12" coaxial speaker with 1" compression driver
	Lightweight polypropylene enclosure
	Accessories and mounting brackets for wall or ceiling

Model	OVI-12
Peak Power Handling	1200 W
RMS Power Handling	300 W
Frequency Range (-10 dB)	63 Hz – 20 kHz
Nominal Impedance	8 ohms
On-axis Sensitivity 1 W/1 m	96 dB SPL
Maximum Peak SPL at 1 m	130 dB
HF Horn Coverage Angles (-6 dB)	90° Conical
Enclosure Material	Polypropylene
Color/Finish	Black or White/Textured
Transducers/Replacement Parts	LF: 12MX/GM-12MI HF: M-34/GM-M34
Connectors	Push terminals
Dimensions (W x D)	500 x 290 mm 19.7 x 11.4 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)

Altavoz de techo de altas prestaciones

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High peformance ceiling speaker

CL-5/CL-5-T

CL-6/CL-6-T

CL-6-TB

Ceiling series

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

CL-8/CL-8-T

Diseño discreto que se integra en cualquier ambiente

Sonido limpio de altavoces de doble cono y coaxiales

Mayor durabilidad gracias a conos fabricados en polipropileno

Transformadores multipaso para uso en líneas 70/100V

Versiones de 8 ohmios disponibles

Discreet, contemporary design enhances any decór

Clear sound from dual cone and coaxial speakers

Polypropylene cone material for greater durability

High sensitivity for maximum sound levels

Multi-tap transformers for use on 70V/100V lines

8 ohm versions also available

Externally Powered

Model	CL-5	CL-6	CL-8
System Type	Dual Cone	Two-Way	Two-Way
RMS Power Handling	20 W	40 W	60 W
Frequency Range (-10 dB)	70 Hz - 15 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz
Nominal Impedance	8 ohms	8 ohms	8 ohms
On-axis Sensitivity 1 W/1 m	89 dB SPL	90 dB SPL	90 dB SPL
Connectors	Spring Terminal	Spring Terminal	Spring Terminal
Dimensions (W x D)	70 x 205 mm (2.8 x 8.1 in)	80 x 230 mm (3.1 x 9.1 in)	97 x 275 mm (3.8 x 10.8 in)
Cutout Diameter	169 mm (6.6 in)	197 mm (7.8 in)	242 mm (9.5 in)
Weight	0.7 kg (1.6 lb)	1.2 kg (2.6 lb)	1.6 kg (3.5 lb)

Model	CL-5-T	CL-6-T	CL-6-TB	CL-8-T
System Type	Dual Cone	Two-Way	Two-Way with Backcan	Two-Way
Transformer Taps	3-6-X/100 V 1.5-3-6/70 V	5-10-15 W/100 V 2.5-5-7.5 W/70 V	5-10-15 W/100 V 2.5-5-7.5 W/70 V	10-20-30 W/100 V 5-10-15 W/70 V
Frequency Range (-10 dB)	70 Hz - 15 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz
Nominal Impedance	Line	Line	Line/8 ohms	Line
On-axis Sensitivity 1 W/1 m	89 dB SPL	90 dB SPL	90 dB SPL	90 dB SPL
Connectors	Screw Terminal	Screw Terminal	Spring Terminal	Screw Terminal
Dimensions (W x D)	70 x 205 mm (2.8 x 8.1 in)	80 x 230 mm (3.1 x 9.1 in)	160 x 230 mm (6.3 x 9.1 in)	97 x 275 mm (3.8 x 10.8 in)
Cutout Diameter	169 mm (6.6 in)	197 mm (7.8 in)	206 mm (8.1 in)	242 mm (9.5 in)
Weight	0.9 kg (1.98 lb)	1.3 kg (2.9 lb)	1.75 kg (3.9 lb)	1.9 kg (4.2 lb)

BIDRIVER PLUS/BIDRIVER PLUS T

Puntos Clave	Unidad de 2 vías de medios y agudos
	Altavoz coaxial en un difusor especial
	Alta sensibilidad y gran control de directividad
	Ideal para aplicaciones de "tiro largo"
	Versión T con transformador de línea

Key Features	Two-way, mid-high unit
	Co-axial speaker built into a special horn unit
	High sensitivity and exceptional control of directivity
	Ideal for "long throw" applications
	T-version with line transformer

FACTOR-8/FACTOR-8T

Puntos Clave	Sistema 2 vías de amplia gama
	Altavoz de graves de 8"
	Motor de compresión con membrana de titanio
	Versión T con transformador de línea
	Versión IP para uso en exteriores

Key Features	Compact 2-way, full-range system
	8" bass loudspeaker
	1" soft-dome tweeter
	T version with multi-tap line transformer
	IP version for outdoor use

Externally Powered

Model	FACTOR-8/FACTOR-8-T
Peak Power Handling	400 W
RMS Power Handling	100 W
Frequency Range (-10 dB)	55 Hz – 22 kHz
Transformer Taps	60-30-15-7.5-3.7/100 V 60-30-15-7.5-3.7-1.9/70 V
Nominal Impedance	8 ohms
On-axis Sensitivity 1 W/1 m	91 dB SPL
Maximum Peak SPL at 1 m	109 dB
HF Horn Coverage Angles (-6 dB)	145° x 135°
Enclosure Material	Polypropylene
Color/Finish	Black
IP Rating	IP54
Transducers/Replacement Parts	LF: G8/G8 HF: TWT-5/TWT-5
Connectors	Spring loaded push terminals
Dimensions (H x W x D)	425 x 265 x 226 mm 16.7 x 10.4 x 8.9 in
Weight	8.1 kg (18 lb)
Accessories	AXW-1 Wall Mount

Model	BIDRIVER-PLUS/BIDRIVER-PLUS-T
Peak Power Handling	1200 W
RMS Power Handling	300 W
Frequency Range (-10 dB)	160 Hz – 12 kHz
Transformer Taps	150 W (T version) 75 W (T version)
Nominal Impedance	8 ohms
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
IP Rating	IP54
Transducers/Replacement Parts	LF: CX-104/GM-CX10 HF: K-8/GM-K8H
Connectors	Covered barrier strip
Dimensions (H x W x D)	400 x 450 x 405 mm 15.7 x 17.7 x 15.9 in
Weight	17 kg (37.4 lb)
Accessories	-

Tropicola Beach Club, Bali

Electronics

B/5/6/7/8

C/9/10/11/12

D/13/14/15/16

E/17/18/19/20/21

PROTECTION
BRIDGE 1+2
BRIDGE 3+4

STBY

REMOTE
DIGITAL IN
NETWORK AUDIO

DX SERIES DSP
PROCESSING POWER AMPLIFIER

DX 100i

PROTECTION
BRIDGE 1+2
BRIDGE 3+4

STBY

REMOTE
DIGITAL IN
NETWORK AUDIO

DX SERIES DSP
PROCESSING POWER AMPLIFIER

DX 100i

PROTECTION
BRIDGE 1+2
BRIDGE 3+4

STBY

REMOTE
DIGITAL IN
NETWORK AUDIO

DX SERIES DSP
PROCESSING POWER AMPLIFIER

DX 100i

DX-series

DX-100
DX-100I
DX-80
DX-80I

DX-100

DX-100I

Electronics

Los amplificadores DX-Series presentan cuatro modelos, los DX-100, DX-100I, DX-80 y DX-80I.

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 DX-series of power amplifiers consists of four models, the DX-100, DX-100I, DX-80 and DX-80I.

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.

DX-80

DX-80I

Externally Powered

Model		DX-100	DX-100I	DX-80	DX-80I
Stereo Mode (both channels driven)	8 ohms	4 x 1400 W	4 x 1400 W	4 x 1000 W	4 x 1000 W
	4 ohms	4 x 2800 W	4 x 2800 W	4 x 2000 W	4 x 2000 W
	2 ohms	4 x 3500 W	4 x 3500 W	4 x 2000 W	4 x 2000 W
Bridge Mono Mode	8 ohms EIA 1 kHz 1% THD	2 x 5600 W	2 x 5600 W	2 x 4000 W	2 x 4000 W
	4 ohms EIA 1 kHz 1% THD	2 x 7000 W	2 x 7000 W	2 x 4000 W	2 x 4000 W
Frequency Response		0.5 dB (20 Hz – 20 kHz)	0.5 dB (20 Hz – 20 kHz)	0.5 dB (20 Hz – 20 kHz)	0.5 dB (20 Hz – 20 kHz)
Total Harmonic Distortion (20 Hz-20 kHz)		< 0,1 %	< 0,1 %	< 0,2 %	< 0,2 %
Voltage Gain		32 dB	32 dB	32 dB	32 dB
Output Circuitry		Class D	Class D	Class D	Class D
Onboard DSP		-	Yes	-	Yes
AC Requirements Nominal @ 4 ohms		7.5 A, 240 VAC 15 A, 120 VAC	7.5 A, 240 VAC 15 A, 120 VAC	4.1 A, 240 VAC 8.2 A, 120 VAC	5 A, 240 VAC 10 A, 120 VAC
Dimensions (H x W x D)		88 x 482 x 428 mm 3.5 x 19 x 16.9 in	88 x 482 x 428 mm 3.5 x 19 x 16.9 in	88 x 482 x 428 mm 3.5 x 19 x 16.9 in	88 x 482 x 428 mm 3.5 x 19 x 16.9 in
Weight		10.8 kg (23.8 lb)	10.9 kg (24 lb)	10.1 kg (22.2 lb)	10.3 kg (22.7 lb)

IA-series

IA-1004
IA-1002
IA-404
IA-402

IA-1004

IA-1002

IA-404

Electronics

Amplificadores de instalación Clase D de dos y cuatro canales con un amplio rango de opciones de amplificación y características que los convierten en ideales para las instalaciones de sonido que requieren grandes prestaciones y flexibilidad.

Class D amplifiers installation amplifiers that offer both two and four channel versions with a range of powering options and characteristics that are ideal for today´s sound installations requiring advanced features and flexibility.

IA-402

Externally Powered

Model		IA-1004	IA-1002	IA-402	IA-404
Stereo Mode	8 ohms	4 x 250 W	2 x 250 W	2 x 100 W	4 x 100 W
	4 ohms	4 X 250 W	2 X 500 W	2 x 200 W	4 x 100 W
Bridge Mono Mode	8 ohms	2 x 500 W	1 x 1000 W	1 x 400 W	2 x 200 W
70/100 V		2 x 500 W	1 x 1000 W	1 x 400 W	2 x 200 W
Frequency Response		0/- 0.5 dB (20 Hz - 30 kHz)	0/- 0.5 dB (20 Hz - 30 kHz)	0/- 0.5 dB (20 Hz - 30 kHz)	0/- 0.5 dB (20 Hz - 30 kHz)
Total Harmonic Distortion (20 Hz-20 kHz)		0,08	0,08	0,08	0,08
Voltage Gain		30 dB	30 dB	30 dB	30 dB
Output Circuitry		Class D	Class D	Class D	Class D
AC Requirements		1.7 A, 240 VAC 3.5 A, 120 VAC	1.7 A, 240 VAC 3.5 A, 120 VAC	1.5 A, 240 VAC 3 A, 120 VAC	1.5 A, 240 VAC 3 A, 120 VAC
Dimensions (H x W x D)		88 x 483 x 208 cm 3.5 x 19 x 8.2 in	88 x 483 x 208 cm 3.5 x 19 x 8.2 in	44 x 483 x 208 cm 1.7 x 19 x 8.2 in	44 x 483 x 208 cm 1.7 x 19 x 8.2 in
Weight		3.6 kg (8 lb)	3.5 kg (7.7 lb)	2.7 kg (6 lb)	2.9 kg (6.4 lb)

PA-series

PA-500
PA-900
PA-1500
PA-2700
PA-4000

PA-500

PA-900

PA-1500

PA-2700

PA-4000

Electronics

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 DAS 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.

Externally Powered

Model		PA-500	PA-900	PA-1500	PA-2700	PA-4000
Stereo Mode (both channels driven)	8 ohms	2 x 150 W	2 x 350 W	2 x 500 W	2 x 1000 W	2 x 1400 W
	4 ohms	2 x 250 W	2 x 450 W	2 x 750 W	2 x 1350 W	2 x 2100 W
Bridge Mono Mode	8 ohms	500 W	900 W	1500 W	2700 W	4200 W
Frequency Response		20 Hz-20 kHz +0-1 dB	20 Hz-20 kHz +0-1 dB	20 Hz-20 kHz +0-1 dB	20 Hz-20 kHz +0-1 dB	20 Hz-20 kHz +0-1 dB
Total Harmonic Distortion (20 Hz-20 kHz)		≤ 0.35%	≤ 0.35%	≤ 0.35%	≤ 0.35%	≤ 0.35%
Voltage Gain		27 dB	31 dB	33 dB	36 dB	37 dB
AC Requirements		2.8 A 230 VAC 50/60 HZ	4.5 A 230 VAC 50/60 HZ	7.5 A 230 VAC 50/60 HZ	9.2 A 230 VAC 50/60 HZ	15.2 A 230 VAC 50/60 HZ
Dimensions (H x W x D)		88 x 482 x 227 mm 3.5 x 19 x 8.9 in	88 x 482 x 227 mm 3.5 x 19 x 8.9 in	88 x 482 x 227 mm 3.5 x 19 x 8.9 in	88 x 482 x 227 mm 3.5 x 19 x 8.9 in	88 x 482 x 227 mm 3.5 x 19 x 8.9 in
Weight		10.1 kg (22.3 lb)	12.7 kg (28 lb)	13.5 kg (29.8 lb)	19.5 kg (43 lb)	19.5 kg (43 lb)

DSP-series

DSP-2040
DSP-2060A
DSP-4080
DSP-23
DSP-226

DSP-2040

DSP-2060A

DSP-4080

DSP-23

DSP-226

Electronics

Los procesadores de señal DAS han sido diseñados para un perfecto control de funcionamiento en una amplia gama de sistemas de refuerzo de sonido DAS

Los procesadores digitales de la serie DSP ofrecen un óptimo rendimiento y equilibrio entre vías.
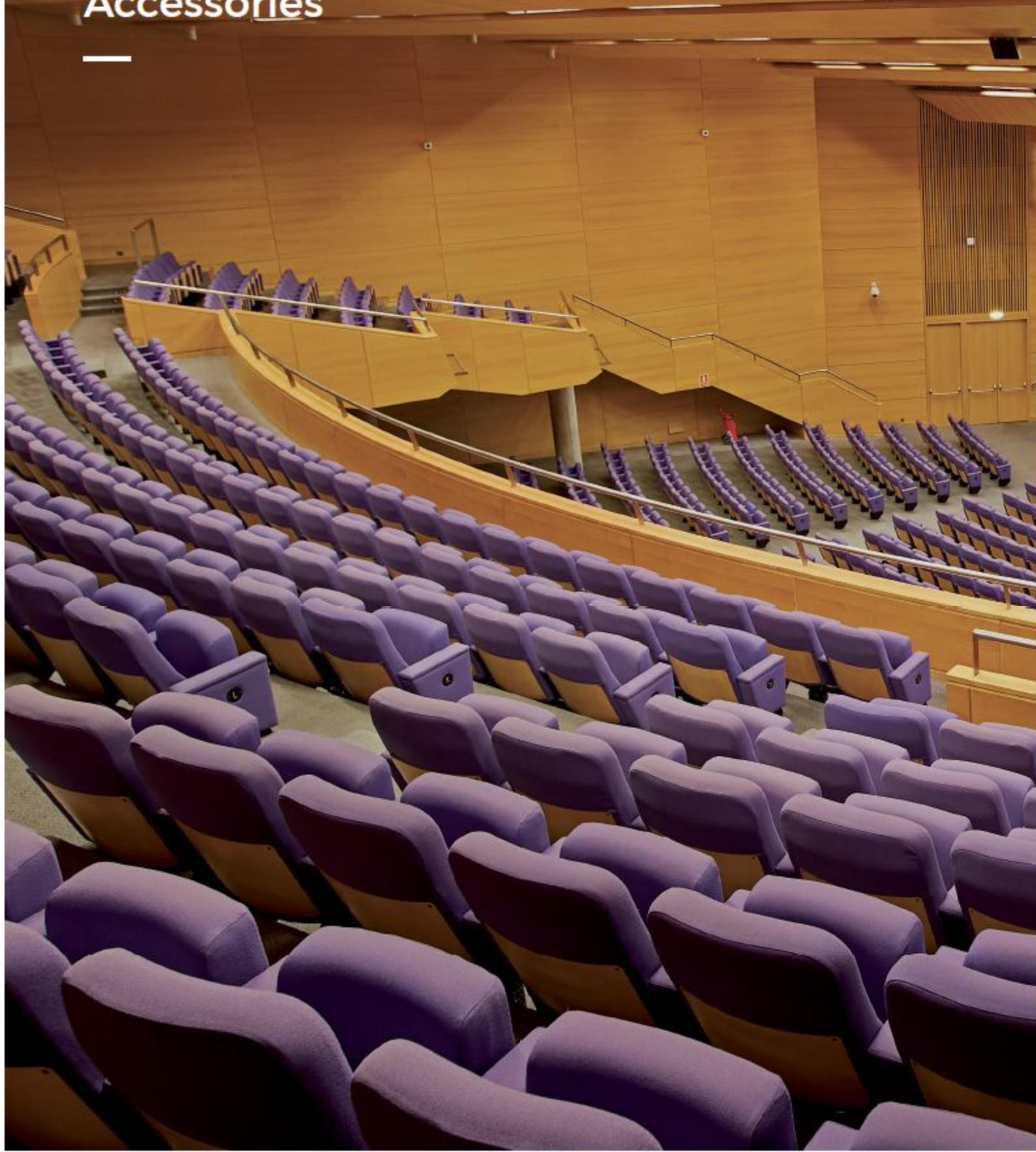
The DAS electronic signal processors have been designed for control and operation of a wide range of DAS sound reinforcement systems.
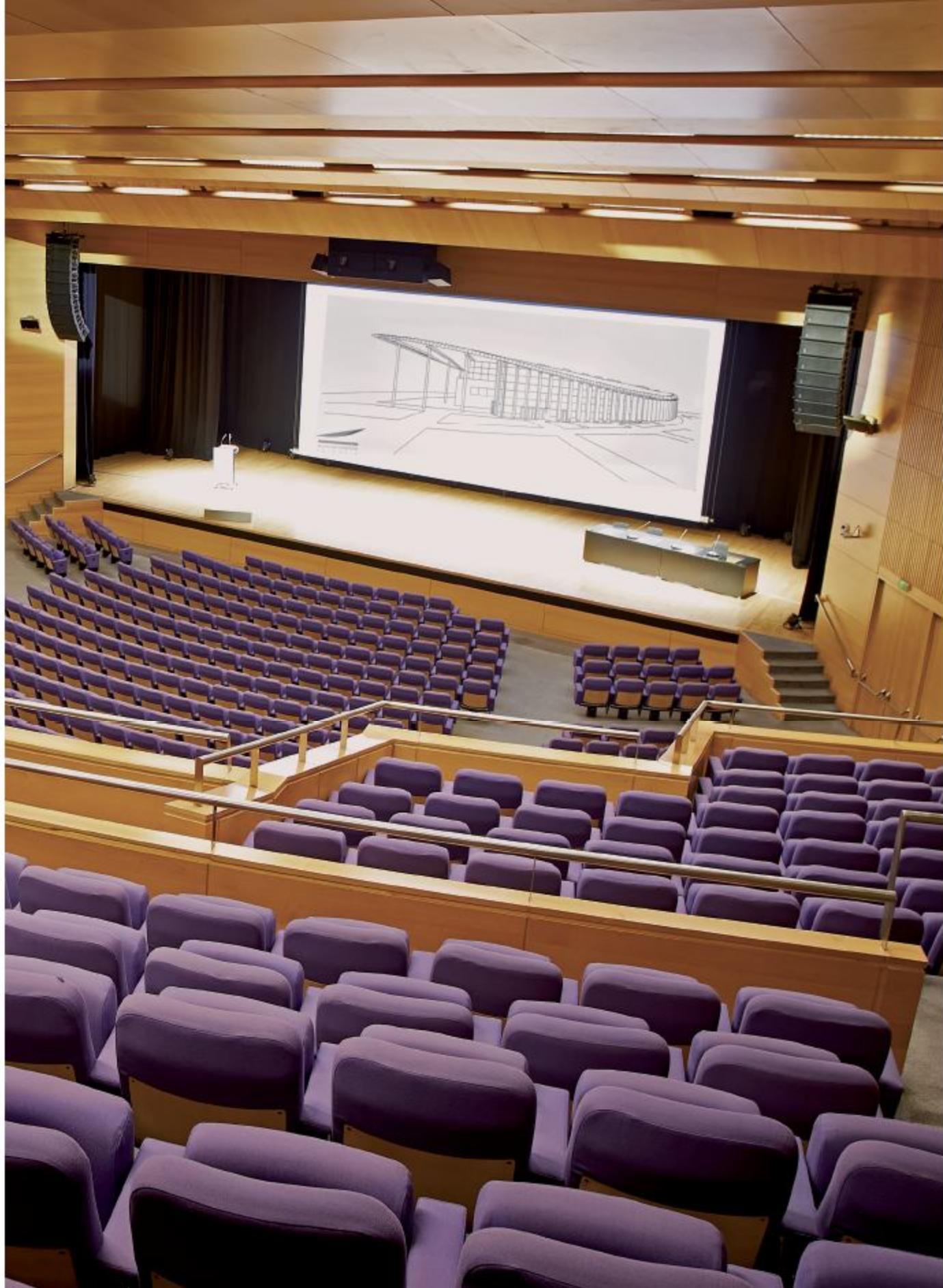
The digital DSP Series, provide optimum performance and spectral balance between the ways.

Externally Powered

Model	DSP-2040	DSP-2060A	DSP-4080	DSP-23	DSP-226
Inputs	2	2	4	2	2
Inputs 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
Outputs 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/-0.50 dB -3 dB @ 32 KHz	20 Hz-20 kHz +0/-0.50 dB -3 dB @ 32 KHz	20 Hz-20 kHz +0/-0.50 dB -3 dB @ 32 KHz	15 Hz-20 kHz +0/-0.25 dB -3 dB @ 32 KHz	15 Hz-20 kHz +0/-0.25 dB -3 dB @ 32 KHz
Dynamic Range (unweighted 20 Hz-20 kHz)	116 dB	116 dB	116 dB	102 dB	116 dB
Distortion (THD)	<0.02% @ 1 kHz, +18 dBm	<0.02% @ 1 kHz, +18 dBm	<0.02% @ 1 kHz, +18 dBm	<0.05% @ 1 kHz, +10 dBm	<0.003% @ 1 kHz, 0 dB
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
Power Connector	3 pin IEC	3 pin IEC	3 pin IEC	3 pin IEC	3 pin IEC
AC Requirements	60-250 VAC 50/60 Hz	60-250 VAC 50/60 Hz	60-250 VAC 50/60 Hz	90-250 VAC 50/60 Hz	90-250 VAC 50/60 Hz
Dimensions (H x W x D)	44 x 482 x 300 mm 1.7 x 19 x 11.8 in	44 x 482 x 300 mm 1.7 x 19 x 11.8 in	44 x 482 x 300 mm 1.7 x 19 x 11.8 in	44 x 482 x 223 mm 1.7 x 19 x 8.8 in	44 x 482 x 223 mm 1.7 x 19 x 8.8 in
Weight	3.3 kg (7.3 lb)	3.3 kg (7.3 lb)	3.3 kg (7.3 lb)	1.2 kg (2.6 lb)	2 kg (4.4 lb)

Accessories

—
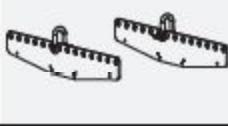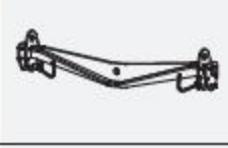
Palacio de Congresos, Spain
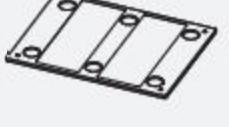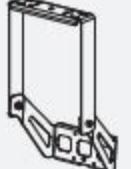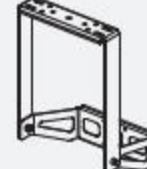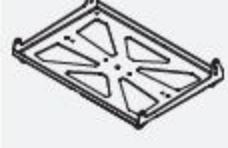
Accesorios para colgado
Rigging accessories

MODELO/MODEL	MODELO/MODEL	MODELO/MODEL
AX-118S20 UTILIZABLE CON / FOR USE WITH LX-118A AERO-20A	**AX-AE20** UTILIZABLE CON / FOR USE WITH AERO-20A	**AX-AE40S3** UTILIZABLE CON / FOR USE WITH AERO-40A
AX-AE50 UTILIZABLE CON / FOR USE WITH AERO-50 LX-218CR/218CRA	**AX-AR3** **AX-AR3-W** UTILIZABLE CON / FOR USE WITH ARTEC-322S	**AX-COMBO2040** UTILIZABLE CON / FOR USE WITH AERO-20A AERO-40A
AX-COMBOEV1208 UTILIZABLE CON / FOR USE WITH EVENT-212A EVENT-212A.120A EVENT-208A	**AX-COMBOEV1210** UTILIZABLE CON / FOR USE WITH EVENT-212A EVENT-212.120A EVENT-210A	**AX-EV208** UTILIZABLE CON / FOR USE WITH EVENT-208A
AX-EV210 UTILIZABLE CON / FOR USE WITH EVENT-210A	**AX-EV212** UTILIZABLE CON / FOR USE WITH EVENT-212A EVENT-212.120A	**AX-LX118S2** UTILIZABLE CON/ FOR USE WITH LX-118A
AX-UX218-R **AX-UX218A-R** UTILIZABLE CON / FOR USE WITH AX-UX-218 UX-218A	**AX-VT20** UTILIZABLE CON / FOR USE WITH VANTEC-20A	**AX-WR300** **AX-WR300-W** UTILIZABLE CON/ FOR USE WITH WR-322S
JP-Q **JP-Q-W** UTILIZABLE CON / FOR USE WITH QUANTUM SERIES	**PICKUP-AX-AE20** UTILIZABLE CON / FOR USE WITH AERO-20A LX-118A	**PICKUP-AX-AE40S3** UTILIZABLE CON / FOR USE WITH AERO-40A
PICKUP-AX-AE50 UTILIZABLE CON / FOR USE WITH AERO-50 LX-218CR/218CRA	**PICKUP-AX-EV208** UTILIZABLE CON / FOR USE WITH EVENT-208A	**PICKUP-AX-EV210** UTILIZABLE CON / FOR USE WITH EVENT-210A
PICKUP-AX-EV212 UTILIZABLE CON / FOR USE WITH EVENT-212A EVENT-212.120A	**UFB** UNIVERSAL FLY BAR	

Model-W= white color
Model–G= grey color

Accesorios para instalar/apilar
installation/stacking accessories

MODELO/MODEL		MODELO/MODEL		MODELO/MODEL	
ANL-1 UTILIZABLE CON / FOR USE WITH **ALTEA SERIES**		**ANL-2** UTILIZABLE CON / FOR USE WITH **ACTION SERIES** **ARTEC SERIES** **VANTEC SERIES** **SOUND FORCE SERIES** **HQ/WR SERIES**		**AX-T12-5** UTILIZABLE CON / FOR USE WITH **ALTEA SERIES**	
AXA-AC **AXA-AC-W** UTILIZABLE CON / FOR USE WITH **ARCO-4T/24T**		**AXB-SF30** UTILIZABLE CON / FOR USE WITH **SF-30A**		**AXC-AT** UTILIZABLE CON / FOR USE WITH **ALL AXF** **ALL AXU**	
AXC-AT2 UTILIZABLE CON / FOR USE WITH **QUANTUM SERIES**		**AXC-OVI12-120** (METRIC) **AXC-OVI12-120-W** UTILIZABLE CON / FOR USE WITH **OVI-12**		**AXC-OVI12-2FT** (US) UTILIZABLE CON / FOR USE WITH **OVI-12**	
AXC-OVI12-4FT (US) UTILIZABLE CON/ FOR USE WITH **OVI-12**		**AXC-OVI12-60** (METRIC) **AXC-OVI12-60-W** UTILIZABLE CON / FOR USE WITH **OVI-12**		**AXC-ZT** UTILIZABLE CON / FOR USE WITH **ALL AXS SUPPORTS** **ARTEC-306/326** **ARTEC-506A/506** **ARTEC-526A/526**	
AXC-ZT2 UTILIZABLE CON / FOR USE WITH **QUANTUM SERIES**		**AXF-AR508** **AXF-AR508-W** UTILIZABLE CON / FOR USE WITH **ARTEC-308/308-W** **ARTEC-508/508-W**		**AXF-AR510** **AXF-AR510-W** UTILIZABLE CON / FOR USE WITH **ARTEC-310/310-W** **ARTEC-510/510-W** **SF-10**	
AXR-AR5 **AXR-AR5-W** UTILIZABLE CON / FOR USE WITH **ARTEC-300/300-W** **ARTEC-500/500-W** **SF-10** **SF-26**		**AXS-40UX** UTILIZABLE CON / FOR USE WITH **AERO-40A** **UX-218-R** **UX-218A-R**		**AXS-AE20** UTILIZABLE CON / FOR USE WITH **AERO-20A**	
AXS-AE40 UTILIZABLE CON / FOR USE WITH **AERO-40A**		**AXS-EV208** UTILIZABLE CON / FOR USE WITH **EVENT-208A** **EVENT-218A**		**AXS-EV210** UTILIZABLE CON / FOR USE WITH **EVENT-210A** **EVENT-218A**	
AXS-EV212 UTILIZABLE CON/ FOR USE WITH **EVENT-212A** **EVENT-212.120A**		**AX-SF1** UTILIZABLE CON / FOR USE WITH **SF-112** **SF-215** **SF-30A** **SF-221**		**AX-SF112VA** UTILIZABLE CON / FOR USE WITH **SF-112**	
AX-SF2 UTILIZABLE CON / FOR USE WITH **SF-30A** **SF-221**					

MODELO/MODEL		MODELO/MODEL		MODELO/MODEL	
AX-SF2158 UTILIZABLE CON/ FOR USE WITH SF-158		**AX-SF2215** UTILIZABLE CON / FOR USE WITH SF-30A SF-221		**AX-SF3** UTILIZABLE CON / FOR USE WITH SF-112 SF-215	
AX-SPG1 UTILIZABLE CON / FOR USE WITH AXU/AXF		**AX-SPG2** UTILIZABLE CON / FOR USE WITH AXR-AR5		**AXS-Q** UTILIZABLE CON/ FOR USE WITH Q-23-T	
AXU-AC24 **AXU-AC24-W** UTILIZABLE CON/ FOR USE WITH ARCO-24T		**AXU-AC4** **AXU-AC4-W** UTILIZABLE CON / FOR USE WITH ARCO-4T		**AXU-ACT512** UTILIZABLE CON/ FOR USE WITH ACTION-512/512A	
AXU-ACT8 UTILIZABLE CON/ FOR USE WITH ACTION-508/508A		**AXU-AR312** **AXU-AR312-W** UTILIZABLE CON / FOR USE WITH ARTEC-312.XX		**AXU-AR315** **AXU-AR315-W** UTILIZABLE CON / FOR USE WITH ARTEC-315.XX	
AXU-AR506 **AXU-AR506-W** UTILIZABLE CON / FOR USE WITH ARTEC-506/506A ARTEC-506-W/506A-W		**AXU-AR508** **AXU-AR508-W** UTILIZABLE CON/ FOR USE WITH ARTEC-508/508A ARTEC-508-W/508A-W		**AXU-AR510** **AXU-AR510-W** UTILIZABLE CON / FOR USE WITH ARTEC-510/510A ARTEC-510-W/510A-W SF-10	
AXU-AR526 **AXU-AR526-W** UTILIZABLE CON / FOR USE WITH ARTEC-526/526A ARTEC-526-W/526A-W SF-26		**AXU-WR6412** **AXU-WR6412-G** **AXU-WR6412-W** UTILIZABLE CON / FOR USE WITH WR-6412		**AXU-WR6415** **AXU-WR6415-G** **AXU-WR6415-W** UTILIZABLE CON / FOR USE WITH WR-6415	
AXU-WR8826 **AXU-WR8826-G** **AXU-WR8826-W** UTILIZABLE CON / FOR USE WITH WR-8826/8826T		**AXW-1** **AXW-1-W** UTILIZABLE CON / FOR USE WITH ARTEC-506/506A ARTEC-526/526A WR-8826		**AXW-3** **AXW-3-W** UTILIZABLE CON / FOR USE WITH ACTION-508A/508 ARTEC-508/508A ARTEC-510/510A ARTEC-306/306-W ARTEC-326/326-W ARTEC-308/308-W ARTEC-310/310-W	
AXW-4 UTILIZABLE CON/ FOR USE WITH QUANTUM SERIES		**AXW-5** UTILIZABLE CON/ FOR USE WITH QUANTUM SERIES		**AXW-OVI12** **AXW-OVI12-W** UTILIZABLE CON / FOR USE WITH OVI-12	
KIT-IP-ARCO **KIT-IP-ARCO-W** UTILIZABLE CON / FOR USE WITH ARCO-4T/24T		**KIT-IP-Q** **KIT-IP-Q-W** UTILIZABLE CON / FOR USE WITH QUANTUM SERIES		**TRD-2** UTILIZABLE CON / FOR USE WITH TODOS LOS MODELOS CON VASO PARA TRÍPODE ALL MODELS WITH POLE MOUNT SOCKET	
TRD-6 UTILIZABLE CON / FOR USE WITH TODOS LOS MODELOS CON VASO PARA TRÍPODE ALL MODELS WITH POLE MOUNT SOCKET		**TRD-7** UTILIZABLE CON/ FOR USE WITH TODOS LOS MODELOS CON VASO PARA TRÍPODE ALL MODELS WITH POLE MOUNT SOCKET			

Model-W= white color
Model-G= grey color

Accesorios para transporte
Transport accessories

MODELO/MODEL		MODELO/MODEL		MODELO/MODEL	
FUNDAS DE TRANSPORTE/ TRANSPORT COVERS **CONSULTE DISPONIBILIDAD/** CONSULT AVAILABILITY		**KIT-W100** **UTILIZABLE CON /** FOR USE WITH **LX-218C/218CA LX-218CR/218CRA**		**PL-118S** **UTILIZABLE CON /** FOR USE WITH **LX-118A**	
PL-20S **UTILIZABLE CON /** FOR USE WITH **AERO-20A**		**PL-218CS** **UTILIZABLE CON /** FOR USE WITH **LX-218C/218CA LX-218CR/218CRA**		**PL-221S** **UTILIZABLE CON /** FOR USE WITH **UX-221**	
PL-30S **UTILIZABLE CON /** FOR USE WITH **UX-30A SF-30A**		**PL-40S** **UTILIZABLE CON /** FOR USE WITH **AERO-40A**		**PL-EV121S** **UTILIZABLE CON/** FOR USE WITH **EVENT-121S**	
PL-EV208S **UTILIZABLE CON /** FOR USE WITH **EVENT-208A**		**PL-EV210S** **UTILIZABLE CON /** FOR USE WITH **EVENT-210A**		**PL-EV212S** **UTILIZABLE CON/** FOR USE WITH **EVENT-212A**	
PL-EV218S **UTILIZABLE CON /** FOR USE WITH **EVENT-218A**		**PL-LX218C** **UTILIZABLE CON /** FOR USE WITH **LX-218CR/218CRA**		**PL-SFMS** **UTILIZABLE CON /** FOR USE WITH **SF-M SF-1521A**	
PL-UX218-R PL-UX218A-R **UTILIZABLE CON/** FOR USE WITH **UX-218R UX-218RA**		**PL-UX218S** **UTILIZABLE CON /** FOR USE WITH **UX-218 UX-218A**		**PL-VT118S** **UTILIZABLE CON/** FOR USE WITH **VANTEC-118A**	
PL-VT20S **UTILIZABLE CON/** FOR USE WITH **VANTEC-20A**					

Notes

D.A.S.

SOUND WITH SOUL

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En DAS, la mejora del producto a través
de la investigación y desarrollo está en
continuo proceso.

Todas las especificaciones están sujetas
a modificaciones sin previo aviso.

*Product improvement through
research and development is an
ongoing process at DAS.*

*All specifications are subject to change
without notice.*