

aero series²

Powered Array



La nueva generación de Line Array *aeroseries*² está diseñada con las cualidades necesarias para dominar el cambiante y altamente competitivo mundo del sound touring. Nuevos componentes, electrónica de potencia y modelos de line array ofrecen al profesional prestaciones mejoradas que amplían el abanico de aplicaciones de los sistemas *aeroseries*²

From the legendary Aero line array series is born the *aeroseries*². The new generation of D.A.S. line array systems designed to possess the qualities needed to dominate the ever-changing and fiercely competitive world of sound touring. New speaker components, power electronics and line array models provide professionals with improved performance capabilities, widening the range of applications where the *aeroseries*² line arrays will succeed.

MODEL	aero 8A	aero 12A	aero 38A	LX-212A / LX-212RA	LX-215A / LX-215RA	LX-218A / LX-218RA
Nominal LF Amplifier Power	250 W (Class D)	500 W (Class D)	1000 W (Class D)	1800 W (Class D)	1800 W (Class D)	2400 W
Nominal HF Amplifier Power	100 W (Class D)	100 W (Class D)	500 W (Class D)	---	---	---
Input Type	Balanced Differential Line	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	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)	Line: 1.95 V (+8 dBu)
Frequency Range (-10 dB) (1)	95 Hz-20 kHz	63 Hz-20 kHz	60 Hz-18 kHz	45 Hz-138 Hz	45 Hz-138 Hz	28 Hz-100 Hz
Horizontal Coverage (-6 dB)	90° Nominal	90° Nominal	90° Nominal	---	---	---
Vertical Coverage	Splay Angle Dependent	Splay Angle Dependent	Splay Angle Dependent	---	---	---
Rated Maximum Peak SPL at 1 m (2)	128 dB	134 dB	137 dB	136 dB	140 dB	142 dB
Transducers/Replacement Parts	LF: 1 x 8MN/GM 8MN HF: 1 x M-60N/GM M-50N	LF: 1 x 12LN4C/GM 12P4 HF: 1 x M-75N/GM M-75N	LF: 2 x 12GNC/GM 12G MF: 2 x 10LMN16/GM 10LMN16 HF: 1 x ND-10/GM K-8H	LF: 2 x 12LXN/GM 12LX	LF: 2 x 15LXN/GM 15LX	LF: 2 x 18LXN/GM 18LX
Enclosure Geometry	Trapezoidal 5°	Trapezoidal 7°	Trapezoidal 5°	Rectangular	Rectangular	Plywood
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood	Plywood
Color/Finish	Black Paint	Black Paint	Black Paint	Black Paint	Black Paint	Black Paint
Rigging System	Splay Angles Integrated in box design	Splay Angles Integrated in box design	Splay Angles Integrated in box design	Ground Stackable Integrated in box design (RA)	Ground Stackable Integrated in box design (RA)	Ground Stackable Integrated in box design (RA)
Connectors	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: PowerCon NAC 3 FCA AC OUTPUT: Powercon NAC 3 DFCEB	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: PowerCon NAC 3 FCA AC OUTPUT: Powercon NAC 3 DFCEB	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: PowerCon NAC 3 FCA AC OUTPUT: Powercon NAC 3 DFCEB	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: PowerCon NAC 3 FCA AC OUTPUT: Powercon NAC 3 DFCEB	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: PowerCon NAC 3 FCA AC OUTPUT: Powercon NAC 3 DFCEB	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: PowerCon AC OUTPUT: PowerCon
AC Power Requirements	115 V, 50 Hz/60 Hz 230 V, 50 Hz/60 Hz	115 V, 50 Hz/60 Hz 230 V, 50 Hz/60 Hz	115 V, 50 Hz/60 Hz 230 V, 50 Hz/60 Hz	115 V, 50 Hz/60 Hz 230 V, 50 Hz/60 Hz	115 V, 50 Hz/60 Hz 230 V, 50 Hz/60 Hz	Universal Mains, 85 - 230 V (dual voltage)
Dimensions (H x W x D)	24.5 x 52.6 x 35.5 cm 9.6 x 20.7 x 14 in	31.6 x 68.8 x 38.5 cm 12.4 x 27 x 15.2 in	31.6 x 138 x 60 cm 12.4 x 54.3 x 23.6 in	48.8x48x87 cm / 48.8x52.6x87 cm 19.2x18.9x34.3 in / 19.2x20.7x34.3 in	50.5x90.2x63.2 cm / 50.5x99.7x63.2 cm 19.9x35.5x24.9 in / 19.9x39.3x24.9 in	55x128x65 cm/55x135x69 cm 22x51x26 in / 22x54x28 in
Weight	18 kg 39.6 lbs	27 kg 59.4 lb	80 kg 176 lb	50 kg / 65 kg 110 lbs / 143 lbs	63 kg / 81kg 138.6 lbs / 178.2 lbs	73.5 kg / 87.5 kg 161.7 lb / 192.5 lb
Accessories	AX-aero8 Rigging Grid AX-LX-212 Rigging Grid AXC-aero8 Stand Adapter AXS-aero8 Stacking Base Pick-up AX-LX212 Pick-up 8212	AX-aero12 Rigging Grid AX-Combo12 Rigging Adapter AX-Combo1512 Rigging Adapter KITGS-AX-aero12 Grid Stand Kit PL-12S Steel Stacking Dolly	AX-aero38 Rigging Grid AX-aero48 Rigging Grid AX-aero50 Rigging Grid AX-Combo Rigging Adapter AX-Combo12 Rigging Adapter Pick-up AX-aero50 PL-38 Dolly Panel (included) PL-38S Steel Dolly	AX-LX212 (R) KITR-LX212 Rigging Hardware Kit Pick-up AX-LX212 (R) Pick-up 8212 (R) PL-212S Flat Bed Dolly TRD-6 Pole Mount	AX-LX215 Rigging Grid (R) AX-Combo1512 (R) KITW-100 Caster Kit KITR-LX215 Rigging Hardware Kit PL-LX215 Dolly Panel (R included) PL-215S Flat Bed Dolly Pick-up AX-LX215 (R) TRD-6 Pole Mount	AX-aero38 Rigging Grid (R) AX-aero48 Rigging Grid (R) AX-aero50 Rigging Grid (R) AX-Combo Rigging Adapter AX-Combo12 Rigging Adapter (R) KITR-LX218 Rigging Hardware Kit KITW-100 Caster Kit Pick-up AX-aero50 PL-LX218 Dolly Panel (R included) PL-218S Flat Bed Dolly

Notes: 1. Frequency range measured with Low Pass filter set up at 125Hz. Amplifier includes Variable Low pass filter from 100Hz to 160Hz.
2. Maximum calculated Peak SPL based on sensitivity and RMS power handling.



aero 8A



LX-212A / LX-212RA



aero 12A



LX-215A / LX-215RA



aero 38A



LX-218A / LX-218RA

aero 8A

- Sistema line array autoamplificado de dos vías
- Amplificador Clase D de dos canales 250 W LF + 100 W HF
- Altavoz de 8" con circuito magnético de neodimio
- Motor de compresión de neodimio con membrana de 2"
- Generador de frente de onda plana SERPIS BPS-191
- Sistema de volado integrado en la caja

- Powered ultra-compact two-way line array module
- Class D two channel amplifier 250 W LF + 100 W HF
- One 8" loudspeaker with neodymium magnetic assembly
- Neodymium compression driver with 2" membrane
- SERPIS BPS-191 high frequency plane wave generator
- Captive rigging system integrated in the cabinet design

aero 12A

- Sistema line array autoamplificado de dos vías
- Amplificador Clase D de dos canales 500 W LF + 100 W HF
- Altavoz de 12" con circuito magnético de neodimio
- Motor de compresión de neodimio con membrana de 3"
- Sistema de volado integrado en la caja

- Powered compact two-way line array module
- Class D two channel amplifier 500 W LF + 100 W HF
- 12" loudspeaker with neodymium magnetic assembly
- Neodymium compression driver with 3" membrane
- Captive rigging system integrated in the cabinet design

aero 38A

- Sistema line array autoamplificado de tres vías
- Amplificador de tres canales Clase D 1000 W LF+500 W MF+500 W HF
- Dos altavoces de 12" con circuitos magnéticos de neodimio
- Dos altavoces de 10" con circuitos magnéticos de neodimio
- Motor de compresión ND-10 de neodimio
- Plataforma con ruedas de transporte

- Self-powered, three-way, medium format line array module
- Three channel Class D amplifier 1000 W LF + 500 W MF + 500 W HF
- Two 12" loudspeakers with neodymium magnet assemblies
- Two 10" loudspeakers with neodymium magnet assemblies
- 1.5" ND-10 neodymium driver
- Captive rigging system integrated in the cabinet design
- Detachable front dolly panel

LX-212A / LX-212RA

- Sistema subwoofer compacto autoamplificado
- Amplificador 1800 W Clase D
- Pulsador "Cardioid Preset"
- Dos altavoces 12LXN de excursión larga
- Configuración tipo pasabanda de 6º orden
- Versión "R" con herrajes de suspensión

- Powered compact subwoofer system
- 1800 W Class "D" amplifier
- "Cardioid Preset" button
- Two 12LXN long-excursion loudspeakers
- 6th order band-pass configuration
- "R" version with captive rigging system

LX-215A / LX-215RA

- Sistema subwoofer autoamplificado de alto rendimiento
- Amplificador 1800 W Clase D
- Pulsador "Cardioid Preset"
- Dos altavoces 15LXN de excursión larga
- Configuración tipo pasabanda de 6º orden
- Versión "R" con herrajes de suspensión
- Plataforma de transporte con ruedas

- Powered high-performance subwoofer system
- 1800 W Class "D" amplifier
- "Cardioid Preset" button
- Two 15LXN long-excursion loudspeakers
- 6th order band-pass configuration
- "R" version with captive rigging system
- Detachable dolly panel

LX-218A / LX-218RA

- Sistema subwoofer autoamplificado
- Amplificador 2400 W Clase D de 3ª generación
- Dos altavoces de 18LXN de excursión larga
- Configuración tipo bass-reflex
- Versión "R" con herrajes de suspensión
- Plataforma con ruedas de transporte

- Powered high performance subwoofer system
- 2400 W 3rd generation Class "D" amplifier
- Two 18LXN long-excursion loudspeakers
- Front loaded, bass-reflex configuration
- "R" version with captive rigging system
- Detachable dolly panel



Photo courtesy of Petra Nuzdorfer