



DESCRIPTION

The large format AERO-50 is the evolution of the highly successful AERO-48. This externally powered, high efficiency line array module integrates low, mid and high frequency transducers in a single unit. Designed for use in large scale events in stadiums and arenas, the AERO-50 offers a number of important improvements in terms of performance and weight reduction.

The low frequency reproduction is handled by two new 15GNR loudspeakers in a bass reflex configuration. The 15GNR speaker incorporates a 100 mm (4") edge wound flat wire (EFW) voice coil and lightweight neodymium magnet assembly maximizing the dynamic response for a deep, precise bass. Four purpose built 8MN, 8" cone transducers incorporating neodymium magnetic assemblies and 62 mm (2.5") voice coils are used for mid frequency reproduction.

High frequency reproduction is handled by two M-75N compression drivers designed for use in high level applications where abundant SPL and low distortion are mandatory. A pure titanium diaphragm featuring 75 mm (3") copper clad aluminum EFW voice coil yields high sensitivity, low distortion and extended frequency response.

The rugged, trapezoidal enclosure is built using Birch plywood and covered with a durable paint finish. The captive rigging system splay angles range from 0° to 9.6° and can be adjusted in 0.8° increments from 0° to 3.2° and 1.6° increments from 3.2° to 9.6 ° allowing a wide range of column curvatures to be accomplished.

KEY FEATURES

- 3-way largeformat line array module
- 2 x 15" neodymium loudspeakers
- 4 x 8" neodymium loudspeakers
- 2 x neodymium compression driver with 1.5" exit
- Integrated captive rigging system
- Detachable front dolly panel

APPLICATIONS

- House of worship
- Theatres, auditoria and performing arts centers
- Live music clubs
- Corporate A/V
- Live sound touring/Rental services

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	45 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90°
Vertical Coverage	Splay Dependent
Nominal Impedance LF	8+8 ohms
Nominal Impedance MF	8 ohms
Nominal Impedance HF	16 ohms
RMS Power Handling HF	300 W
RMS Power Handling MF	700 W
RMS Power Handling LF	2 x 700 W
Peak Power Handling	9600 W
Peak Power Handling LF	2 x 2800 W
Peak Power Handling MF	2800 W
Peak Power Handling HF	1200 W
On-axis Sensitivity 1W/1 m LF	99 dB SPL
On-axis Sensitivity 1W/1 m MF	104 dB SPL
On-axis Sensitivity 1W/1 m HF	112 dB SPL
Maximum Peak SPL at 1 m LF	136 dB
Maximum Peak SPL at 1 m MF	139 dB
Maximum Peak SPL at 1 m HF	141 dB

Connectors

Audio Input Connector	1 x speakON NL8
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Audio Output Connector 1 x speakON NL8

Enclosure

Enclosure Construction	Birch Plywood
Finish	ISO-flex Paint
Color	Black
Depth	630 mm (24,8 in)
Dimensions (H x W x D)	630 x 1.355 x 630 mm 24,8 x 53,3 x 24,8 in
Net Weight	85,0 kg (187,0 lb)

Components

LF Driver	15GNR
MF Driver	8MN
HF Driver	M-75N
Horn/Waveguide	BP-A48

Shipping

Carton Dimensions (H x W x D)	540 x 1.500 x 810 mm 21,3 x 59,1 x 31,9 in
Shipping Weight	107,0 kg (235,9 lb)

ORDERING INFORMATION

Performance

Model	Description	P/N
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System

AERO-50	3-way Passive Line Array	10420160
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Replacement Parts

15GNR	Cone Transducer	10214380
8MN	Cone Transducer	20208600
BP-A48	Horn	30002859
F-AE50	Filter	30008194
GM-15G	Recone Kit	20208050
GM-8MN	Recone Kit	20208180
GM-M75N	Diaphragm	20205080
M-75N	Compression Driver	10208030
PIN-8	Pin	30002877

Accessories

AX-AE50	Rigging Accessories	10102460
AX-COMBO12	Rigging Accessories	10102490
FUN-AE50	Transport Accessories	10103320
PICKUP-AX-AE50	Rigging Accessories	10102500

DIMENSIONS

