

# AERO 50 Presets



Presets developed by the manufacturer

## Three-way large-format line array module

- ✓ Two 15 loudspeakers with neodymium magnet assemblies
- ✓ Four 8 loudspeakers with neodymium magnetic assemblies
- ✓ Two neodymium compression driver with 1.5" exit
- ✓ Captive rigging system integrated in the cabinet design
- ✓ Detachable front dolly panel

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.

Preset Name	Description	Recommended Amp Model
A50v5.5_LOW_LOW	Low frequency section driving 4x 15GNR/GM per channel. (2 Ω Load)	K6 / K10
A50v5.5_MID_HIGH_LT	Mid-High frequency section driving 8x 8MN/GM (Channel A) 8x M-75N/GM (Channel B) with Long throw signal treatment.	K6 / K10
A50v5.5_MID_HIGH_MT	Mid-High frequency section driving 8x 8MN/GM (Channel A) 8x M-75N/GM (Channel B) with Mid throw signal treatment.	K6 / K10
A50v5.5_MID_HIGH_ST	Mid-High frequency section driving 8x 8MN/GM (Channel A) 8x M-75N/GM (Channel B) with Short throw signal treatment.	K6 / K10

## TECHNICAL DATA

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   W / 1 m	LF: 99 dB SPL   MF: 104 dB SPL   HF: 112 dB SPL
Rated Peak SPL at 1 m	LF: 136 dB   MF: 139 dB   HF: 141 dB
Nominal Impedance	LF: 8+8 ohms   MF: 8 ohms   HF: 16 ohms
Recommended Amplifier Power	4 amps 2 x 1400 @ 4 ohms   4 units Aero 50
Enclosure Material	Birch Plywood
Color/Finish	Black/Paint
Connectors	2 x NL8 Neutrik speakON
Dimensions (H x W x D)	47,5 x 135 x 62,7 cm (18,7 x 53,1 x 24,7 in)
Weight	85 kg (187 lb)

