

Arcline 212

Key Features:

- Extended frequency range from 50 Hz to 200 Hz
- Flyable with Arcline 8
- Cardioid configuration integrated in the rigging
- FEA optimised porting

Applications:

- Large venues
- Medium to large-scale touring
- Live music venues



Specially designed to extend the low frequency range of the Arcline line array, the Arcline 212 features two 12" 900 W low frequency drivers. This makes it possible to extend the frequency response range to as low as 50 Hz, while also reaching up to 200 Hz.

For ease, the Arcline 212 is flyable with the Arcline 8. It can be used in any application where suspended bass is required, including large venues and medium to large scale touring. Two Neutrik speakON™ NL4 connectors provide input and link through connections. Its lightweight birch plywood enclosure is finished in a textured TourCoat polyurea finish, bringing longevity for life on the road.

Specifications

Frequency response	50 Hz - 200 Hz
Efficiency ¹	99 dB 1W/1m
Nominal impedance	2 x 8 Ω
Power handling ²	2 x 900 W AES
Maximum output ³	132 dB cont, 138 dB peak
Driver configuration	2 x 12" low frequency drivers
Dispersion	Array dependant
Connectors	2 x 4-pole speakON™ NL4
Weight	42 kg (92.6 lbs)
Enclosure	15 mm multi-laminate plywood
Rigging	A2 stainless steel rigging for use with Arcline 8 when flown or ground stacked
Finish	Textured TourCoat polyurea
Grille	Perforated steel with foam filler

¹ Measured in half space ² AES2 - 1984 compliant ³ Calculated

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Architectural specifications

The loudspeaker shall be a compact sub bass system consisting of two high power 12" (304.8 mm) direct radiating reflex loaded low frequency (LF) transducers mounted in a rectangular enclosure.

The low frequency transducers shall be constructed on a cast aluminium frame, with a treated paper cone, dual 50.8 mm (2") voice coil, wound with copper wires on a high-quality voice coil former for high power handling and long-term reliability.

Performance specifications for a typical production unit shall be as follows: the usable bandwidth shall be 50 Hz to 200 Hz (± 3 dB) and have a maximum on axis SPL of 138 dB peak (132 dB continuous) measured at 1 m using IEC265-5 pink noise. Power handling shall be 2 x 900 W AES at a rated impedance of 2 x 8 Ω and a pressure sensitivity of 99 dB measured at 1W/1m. The

system shall be powered by its own dedicated power amplification module with DSP management, with the wiring connection via two Neutrik speakON™; one for input and one for loop-out to another speaker.

The enclosure shall be constructed from a 15 mm multi-laminate birch plywood, finished in a textured polyurethane and shall contain fixture points for a pressed weather-resistant, powder coated steel grille to protect the low frequency transducer. The integral rigging system shall be stainless steel with two handles (one per side) for efficient manual handling. External dimensions of (H) 367 mm x (W) 877.5 mm x (D) 470 mm (14.4" x 34.5" x 18.5"). Weight shall be 42 kg (92.6 lbs).

The loudspeaker system shall be a Void Acoustics Arcline 212.

