

L16

High performance line array module for touring

FEATURES

- 2x 8" bass reflex design combined with 4"/2.5" coaxial compression driver
- Extended low frequency response at reduced power
- Integrated rigging system for use with L-series modules
- 2x NLT4 2x NL8 on the rear
- 4x ergonomic handles, 2x on the rear, 1x on the left, 1x on the right
- Truck size cabinet for efficient transportation
- All Quint Audio loudspeakers are designed for use in combination with Quint Audio processors & amplifiers
- All Quint Audio loudspeaker presets are matched in level and phase at the crossover frequency for easy mix & match
- Factory system presets available

APPLICATIONS

- Line Source

CONSTRUCTION

- Birch plywood enclosure
- Durable hybrid coating, resistant to wear, impact, and weathering
- Klotz internal wiring
- Neutrik speakON® connectors
- Powder coated steel grille with acoustically transparent fabric on the back

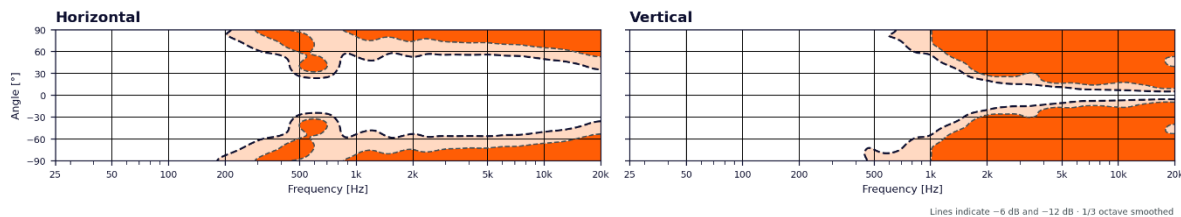


Model	L16
Filter	2-channel DSP control
Loudspeaker components	2x8"/4"/2.5"
Power handling AES (W)	440/220
Power handling peak (W)	1600/880
Impedance	5 Ohm
Peak SPL* / Freq. range (-6db)	142dB/100Hz-20kHz
Max SPL* / Freq. range (-6db)	122dB/100Hz-20kHz
Max SPL -10db / Freq. range (-6db)	112dB/93Hz-20kHz
Max SPL -20db / Freq. range (-6db)	102dB/50Hz-20kHz
Dispersion (HxV)	110°x12°
Connections	2x 8-pole speakON 2x 4-pole speakON
Weight	27kg
Size (WxHxD)	580 x 270 x 450mm

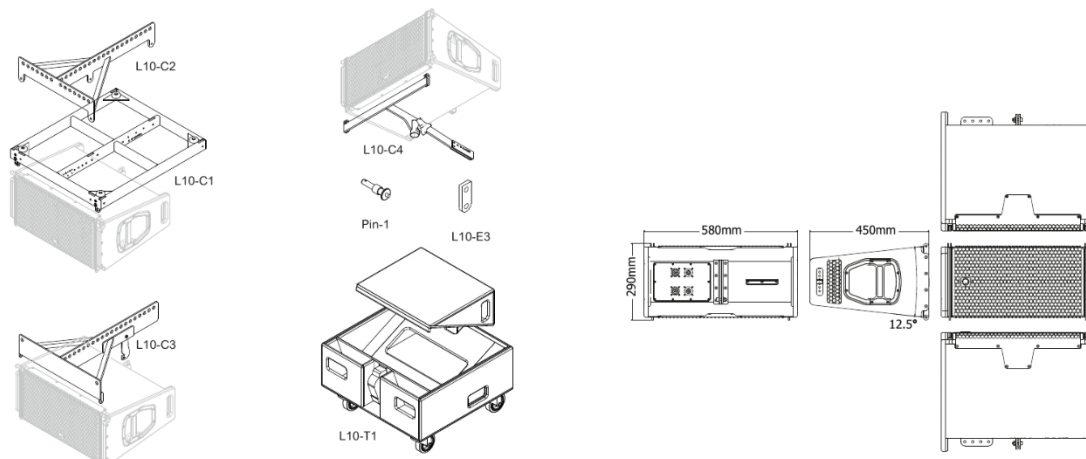
* Measurements are conform to AES75 and carried out with P9 processor and A42 amplifier. Values are scaled to 1m free field.

L16 — Directivity

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Accessories



L16

Architectural specifications

- The passive high performance line array module loudspeaker shall consist of two 8" low frequency drivers in a bass reflex design and one 4"/2.5" coaxial compression driver, with a nominal impedance of 5 ohms, designed for touring applications as a line source.
- The loudspeaker shall only be operated by a dedicated, compatible Quint Audio processor and amplifier (e.g., P9 processor and A42 amplifier) using 2-channel DSP control.
- The cabinet enclosure shall be made from birch plywood with a durable hybrid coating resistant to wear, impact, and weathering.
- The drivers shall be protected by a powder-coated steel grille with acoustically transparent fabric backing.
- The cabinet shall incorporate four ergonomic handles (two on the rear, one on the left, one on the right), an integrated rigging system for use with L-series modules, and truck-size design for efficient transportation.
- The connection panel on the rear shall be fitted with two NLT4 (4-pole speakON) and two NL8 (8-pole speakON) connectors.
- The dispersion shall be 110° x 12°.
- The peak sound pressure level shall be 142 dB over a frequency range of 100 Hz to 20 kHz (-6 dB). The maximum continuous SPL shall be 122 dB over the same range. At -10 dB, the maximum SPL shall be 112 dB over 93 Hz to 20 kHz. At -20 dB, the maximum SPL shall be 102 dB over 50 Hz to 20 kHz.
- The dimensions (W x H x D) shall not exceed 580 x 270 x 450 mm and shall weigh no more than 27 kg.
- The loudspeaker shall be the L16 by Quint Audio.