

## Q-60 DUAL 10" LINE ARRAY SPEAKER



### Key Features

- For Touring & Fixed Installations
- 750W RMS Power in Passive Mode
- Crossover Modes: Passive / Bi-Amp Switchable
- Up to 16 Boxes per line can be installed with safety standards
- 2 x 10" Neodymium LF Driver 2.5" Voice Coil
- 2 x 1.4" Neodymium HF Compression Driver
- Integrated rigging system with stainless steel push-pins
- Touring grade textured Polyurea black paint finish

The Q-60 is a precision-engineered line array speaker system designed to meet the high-performance demands of touring productions, rental operations, and fixed installations. Built for versatility, durability, and sonic excellence, it delivers consistent, powerful sound reinforcement across a wide range of applications. Support bi-amplified & passive switchable design offers flexible configuration for diverse audio setups.

Equipped with two premium 10-inch Neodymium driver and two 1.4-inch compression high-frequency driver, Provides a horizontal dispersion of 100°, ensuring consistent sound distribution across various venue types. Ideal choice for Small-Mid Size Events, Outdoor Venues, Houses of Worship, Theatres & Auditoriums.

Constructed from high-density, multi-layer birch plywood, the enclosure is optimized for both permanent installation and rental use. The cabinet design prioritizes vocal intelligibility, sonic fidelity, and low distortion, while maintaining a responsive transient profile.

# Q-SERIES

PROFESSIONAL LINE ARRAY SYSTEMS



## Technical Specifications

Type	Two-way full range Bi-amplified/passive switchable Line array speaker
Frequency Response (-10 dB)	60 Hz – 20 kHz
LF Drivers	2 x 10" (254 mm) Neodymium driver with 2.5" voice coil
HF Drivers	2 x 1.4" (35mm) HF Compression Driver
Power (Passive Mode)	750W (RMS) / 1500W (Program) / 3000W (Peak)
Power (Bi-amp Mode)	LF: 600W, HF: 150W (RMS) / LF: 1200W, HF: 300W (Program) LF: 2400W, HF:600W (Peak)
Sensitivity (1W/1m)	102 dB
Max SPL (Continuous/Peak) 1m	133 dB / 136 dB
Nominal Impedance	8 ohms (Passive/Bi-Amp)
Crossover Mode	Passive/Bi-amp Switchable
Crossover Point (Bi-amp Mode)	LF : 60 Hz – 2.2 kHz   HF : 2.2 kHz – 20 kHz
Dispersion	100°(H) x 10°(V)
Cabinet Material	High density multi-layer birch plywood with Polyurea Paint
Size (mm)	286 x 754 x 380mm (H x W x D)
Weight (Kg)/Lbs	22.8/50.2



Rear View



Top View



Front View



Side View



### Safety Instructions

- When flying speakers, appropriate hardware and techniques must be employed for safely suspending the enclosures.
- All speaker hardware and flying apparatus must be regularly inspected for any visual or mechanical failure.
- Leave adequate distance between speakers and the audience. Refer to your local authority for Health and Safety guidance when using loudspeaker systems.
- The Louis Martin digital controller should only be programmed by an authorized technician. Do not use Louis loudspeaker systems without the correct controller and the program. If a system fails due to incorrect controller use, warranty is void.
- Protect your speakers and electronics from exposure to humidity, water or rain.
- The loudspeakers and electronics are covered against defects in workmanship or materials for a period of two years from the original date of purchase. The warranty does not cover any item which in Louis's opinion has failed due to user abuse, accident, modifications.
- The defective item will be repaired/replaced with no charge for materials or labour. However, the item should be adequately packed and dispatched, pre-paid, to a Louis authorized distributor/service