



Key Features

- For touring & Fixed Installations
- True 450W RMS Power
- Crossover Modes: Passive / Bi-Amp Switchable
- Up to 16 Boxes per line can be installed with safety standards
- 12" Coaxial driver with 1.5" HF
- Integrated rigging system with stainless steel push-pins
- Touring grade textured black paint finish
- 100°(H) x 10°(V) Horn design

The Cox-12 is a precision-engineered coaxial line array speaker system, purpose-built for high SPL main PA applications in both touring and fixed installations, particularly within small-format environments. Its integrated rigging system, featuring secure locking push-pins and adjustable angling hardware, ensures efficient and reliable deployment.

Equipped with a robust 12-inch (304 mm) coaxial driver and a 1.5-inch (38 mm) high-frequency component, the Cox-12 delivers exceptional acoustic performance. This passive, two-way full-range system incorporates a carefully tuned crossover network, making it well-suited for professional sound reinforcement across a range of venues - including nightclubs, auditoriums, multipurpose halls, rental services and other premium installations.

Constructed from high-density, multi-layer 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.



Technical Specifications

Type	Two-way Coaxial full range Bi-amp/passive switchable line array speaker
Frequency Response (-10 dB)	60 Hz – 19 kHz
LF Drivers	1x 12" (304 mm) Coaxial Driver
HF Drivers	1 x 1.5" (38 mm) HF Compression Driver
Power (Passive Mode)	450W (RMS) / 900W (Program) / 1800W (Peak)
Power (Bi-amp Mode)	LF: 400W, HF: 50W (RMS) / LF: 800W, HF: 100W (Program) LF: 1600W, HF:200W (Peak)
Sensitivity (1W/1m)	98 dB
Max SPL (Continuous/1m)	127 dB
Max SPL (Peak/1m)	130 dB
Nominal Impedance	8 Ohms
Crossover Mode	Passive/Bi-amp Switchable
Crossover Point (Bi-amp Mode)	LF : 65 Hz – 3 kHz HF : 3 kHz – 19 kHz
Dispersion	100°(H) x 10°(V)
Cabinet Material	High density multi-layer plywood
Size (mm)	350 x 500 x 450mm (H x W x D)
Weight (Kg)/Lbs	22/48.5

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