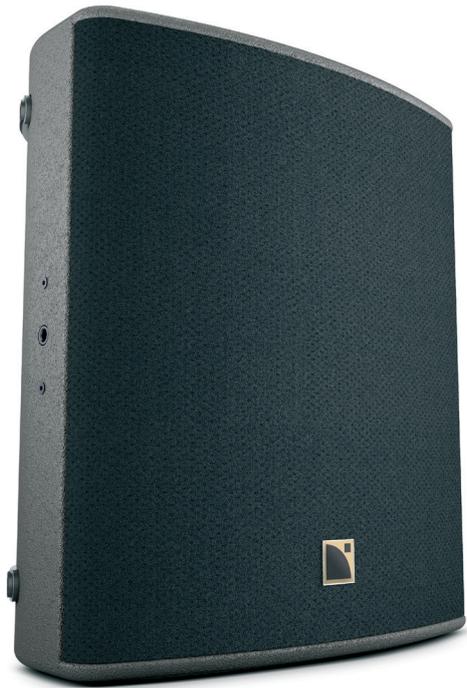


X12 PRELIMINARY



MULTI PURPOSE ENCLOSURE



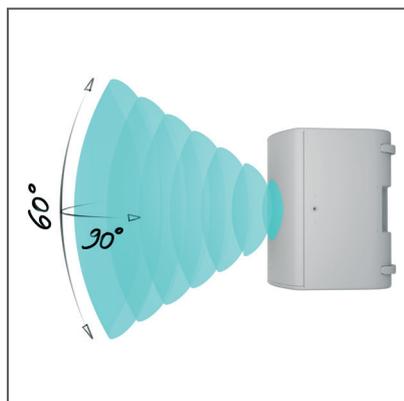
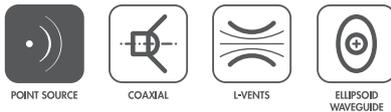
In the L-Acoustics coaxial X series, the X12 is the multi-purpose passive enclosure. It operates from 59 Hz to 20 kHz.

The X12 features a 3" diaphragm compression driver coaxially-loaded by a 12" low frequency transducer in a bass-reflex enclosure with laminar vents. The internal passive crossover network uses custom filters.

The coaxial transducer arrangement and its ellipsoid acoustic design produces a $90^\circ \times 60^\circ$ directivity pattern with a smooth tonal response free of secondary lobes over the entire frequency range. As a result, the X12 cabinet design makes it perfectly suited to all short throw sound reinforcement applications.

The X12 provides a stage monitoring angle setting of 35° with regard to vertical or 55° thanks to its built-in risers. With a cabinet combining the properties of birch and beech plywood, X12 low weight and elegance makes for an easy integration in any situation. Ergonomic handles for a solid grip and efficient handling. The X12 can be pole-mounted using the integrated socket or flown and tilted in various orientations using its rigging accessories.

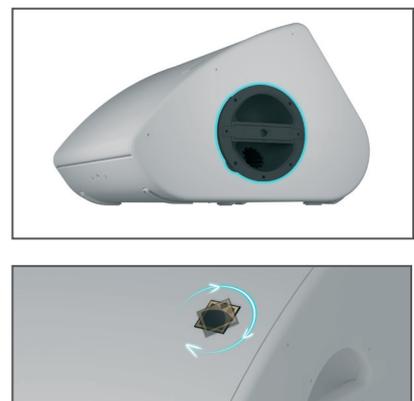
The amplified controllers L-Drive parameters ensure the linearization and protection of the transducers.



► The ellipsoid waveguide generates a directivity pattern of $90^\circ \times 60^\circ$ to maximize X12 versatility in horizontal or vertical deployments.



► The L-Vents laminar vented ports reduce turbulence and port noise at high levels, increasing LF efficiency.



► X12 features ergonomic handles with a recessed 35 mm socket, a rotatable logo, multiple rigging inserts, etc...

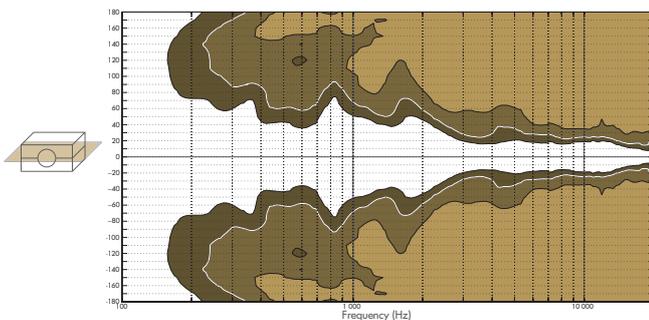
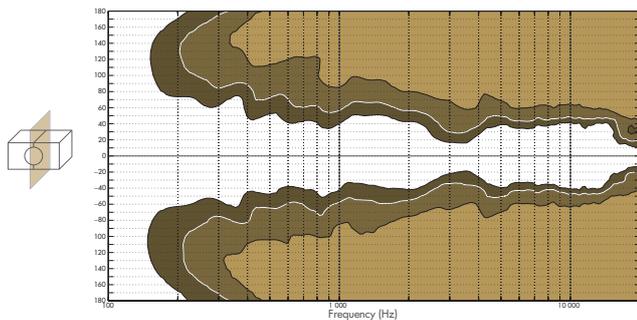
SPECIFICATIONS

Description	Passive 2-way coaxial enclosure, controlled and amplified by LA4X / LA8
Usable bandwidth (-10 dB)	59 Hz - 20 kHz ([X12])
Maximum SPL¹	134 dB ([X12])
Nominal directivity	Vertical: 90° Horizontal: 60°
Monitoring angle²	35° without risers 55° with risers
Transducers	LF: 1 × 12" neodymium, bass-reflex, laminar vents HF: 1 × 3" neodymium compression driver, partial horn and curtains
Nominal impedance	8 Ω
Connectors	IN: SpeakON® LINK: SpeakON®
Rigging and handling	2 × handles DIN580-compatible M8 threaded insert 4 × M10 threaded inserts 2 × 35 mm pole sockets
Weight (net)	20 kg / 44.1 lb
Cabinet	First grade Baltic birch and beech plywood
Finish	Dark Grey brown PANTONE 426C Pure white RAL 9010 Custom RAL code on special order
IP	IP43

1 Peak level at 1 m under free field conditions using 10 dB crest factor pink noise with specified preset.

2 With regard to vertical.

BEAMWIDTH



► Dispersion angle diagram of a single X12 HiQ in vertical (top) and horizontal (bottom) plane using lines of equal sound pressure at -3dB, -6dB, -12 dB.

DIMENSIONS

