

# X8

PRELIMINARY



## LIVE MONITOR ENCLOSURE



**In the L-Acoustics coaxial X series, the X8 is the live monitoring enclosure. It operates from 60 Hz to 20 kHz.**

The X8 features a 1.5" diaphragm compression driver coaxially-loaded by an 8" 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 partial horn produce a 100° axisymmetric directivity output with a smooth tonal response free of secondary lobes over the entire frequency range.

The X8 design makes it perfectly suited to live monitoring applications. With a cabinet combining the properties of birch and beech plywood, X8 low weight and elegance makes for an easy integration in any situation. It provides an angle setting of 35° with regard to vertical for stage monitoring.

The X8 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.



POINT SOURCE



COAXIAL



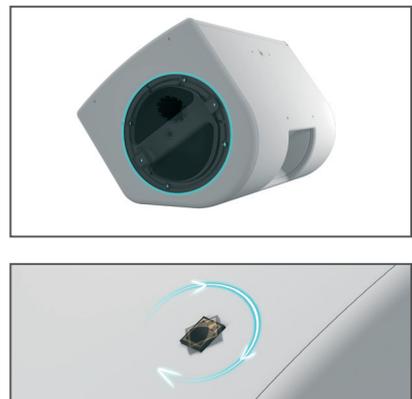
L-VENTS



► The partial horn generates a conical directivity pattern of 100° optimal for live monitoring applications.



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



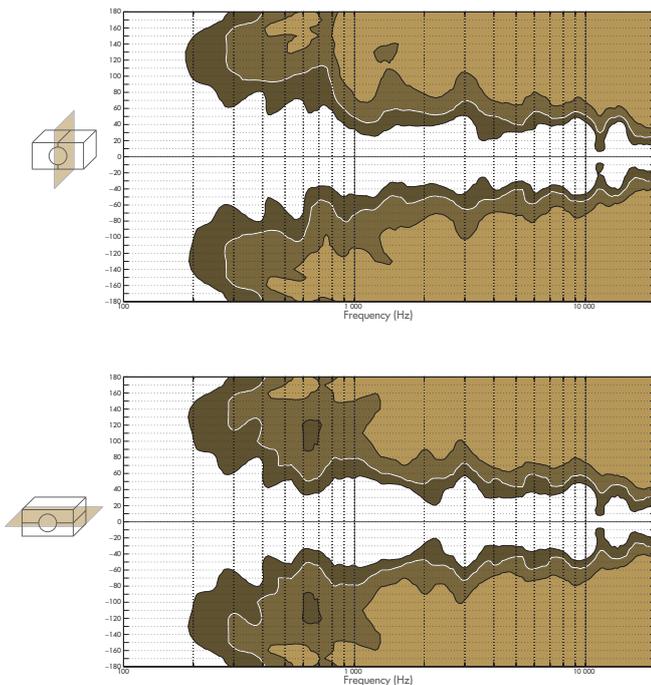
► X8 features an ergonomic handle with a recessed 35mm socket, a rotatable logo, multiple rigging inserts for various rigging deployments, etc...

# SPECIFICATIONS

<b>Description</b>	Passive 2-way coaxial enclosure, controlled and amplified by LA4X / LA8
<b>Usable bandwidth (-10 dB)</b>	60 Hz - 20 kHz ([X8])
<b>Maximum SPL<sup>1</sup></b>	127 dB ([X8])
<b>Nominal directivity</b>	Axisymmetric 100°
<b>Monitoring angle<sup>2</sup></b>	35°
<b>Transducers</b>	LF: 1 × 8", bass-reflex, laminar vents HF: 1 × 1.5" compression driver neodymium, partial horn
<b>Nominal impedance</b>	8 Ω
<b>Connectors</b>	IN: SpeakON® LINK: SpeakON®
<b>Rigging and handling</b>	1 × handle DIN580-compatible M8 threaded insert 4 × M10 threaded inserts 35 mm pole socket
<b>Weight (net)</b>	12 kg / 26.5 lb
<b>Cabinet</b>	First grade Baltic birch and beech plywood
<b>Finish</b>	Dark Grey brown PANTONE 426C Pure white RAL 9010 Custom RAL code on special order
<b>IP</b>	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 X8 in vertical (top) and horizontal (bottom) plane using lines of equal sound pressure at -3dB, -6dB, -12 dB.

## DIMENSIONS

