

X8 LIVE MONITORING ENCLOSURE



ELECTRO-ACOUSTICS



POINT SOURCE



COAXIAL



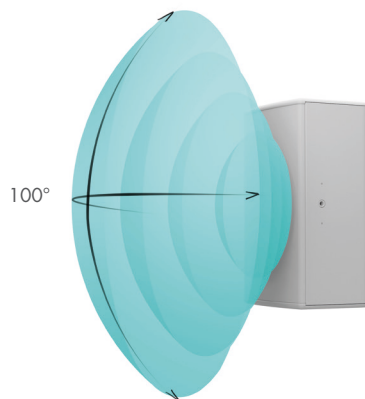
L-VENTS



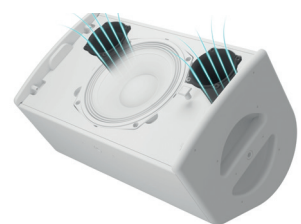
The X8 is a coaxial system designed for live monitoring and short throw sound reinforcement applications with minimum visual impact. The X8 features a 1.5" diaphragm compression driver coaxially loaded by an 8" low frequency transducer in a bass-reflex cabinet. The L-Vents laminar vented ports reduce turbulence and port noise at high levels to increase LF efficiency.

The X8 operates from 60 Hz to 20 kHz. 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 internal passive crossover network uses custom filters. The L-Acoustics amplified controllers L-Drive parameters ensure the linearization and protection of the transducers.



Conical directivity



L-Vents laminar vented ports

PHYSICAL

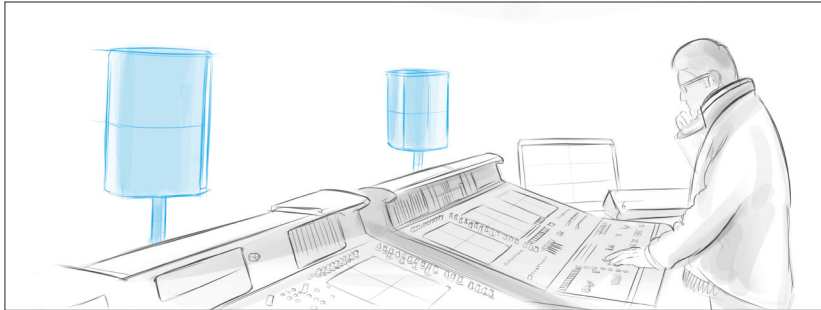
With a cabinet combining the properties of birch and beech plywood, X8 weighs 12 kg and its elegance makes for an easy integration in any situation. It provides an angle setting of 35° with regard to vertical for stage monitoring. An optional white or RAL color program means that it can melt into any architecture.



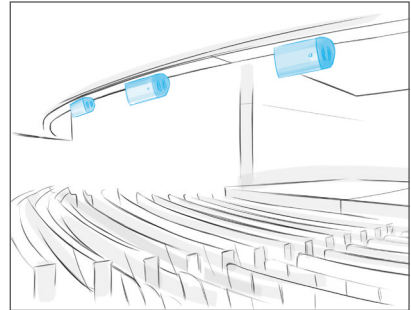
Sleek design

APPLICATIONS AND BENEFITS

The X8 is an ideal live monitor capable of accurately translating the signature of large systems at FOH position or in control rooms. The X8 features a pristine L-Acoustics sonic signature, a high SPL capability and extended LF resources in a compact format. Its coaxial design generates a wide conical directivity pattern with excellent spatialization and no minimum listening distance. Sound designers can also take advantage of its sleek design for discreet fill applications requiring a high SPL.



FOH live monitoring



Under balcony fills

RIGGING

The X8 can be pole-mounted using the integrated socket. Other deployments such as wall-mounted, ceiling-mounted or flown are quick and easy, with a complete range of rigging accessories that offer multiple set-up options and various orientations.

X-UL8
Long U-bracket for X8

Wall or ceiling mounts

X-UTILT
U-bracket*

Wall mount

Pole mount socket

X-US8
Short U-bracket for X8

Wall or ceiling mounts

Wall mount

* wall mount with tilt adjustment

CLAMP250
Clamp certified for 250 kg

Flown with X-BAR

X-BAR
Rigging bar

Vertical or horizontal - 10 angulations

EMBi
Pole mount socket

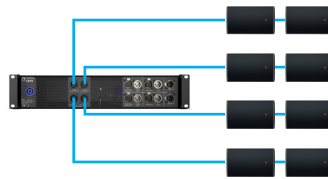
With X-US8

AMPLIFIED CONTROLLERS

LA4X: amplified controller with DSP



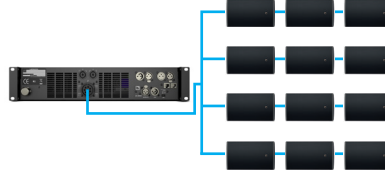
4 x 1000 W/8 ohms or 4 ohms
4 inputs x 4 outputs architecture
Max 8 enclosures per amplified controller



LA8: amplified controller with DSP



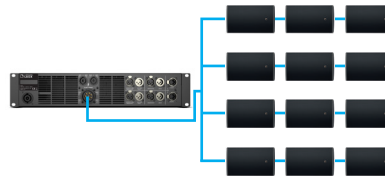
4 x 1800 W/4 ohms or 2.7 ohms
2 inputs x 4 outputs architecture
Max 12 enclosures per amplified controller



LA12X: amplified controller with DSP



4 x 3300 W/ 2.7 ohms
4 inputs x 4 outputs architecture
Max 12 enclosures per amplified controller



L-CASE: transport and operation case for electronics



Capacity: single 2U amplified controller
Stacked or flown



SUBWOOFERS

SB15m: compact subwoofer (1x15")



System bandwidth 40 Hz - 20 kHz
Contour reinforced by 8 dB at 100 Hz
Ratio of one SB15m to one X8



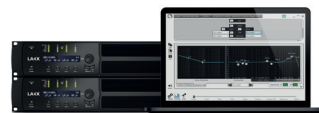
SOFTWARE

SOUNDVISION: simulation software



3D electro-acoustic & mechanical simulation software

LA Network Manager: control & monitoring software



Real-time control and monitoring up to 253 units
Multiple network topologies

X series: a complete range for professional sound reinforcement



The X Series comprise four coaxial enclosures with distinct formats, bandwidth, SPL and coverage angles adapted to short throw applications in rental productions and fixed installations. With studio monitor sound quality, the X Series convey a natural and transparent sound. Coaxial technology allows for a compact design and constant tonal balance over distance, giving the X Series smooth coverage for off-axis audiences, no minimum listening distance and high feedback rejection.

SPECIFICATIONS

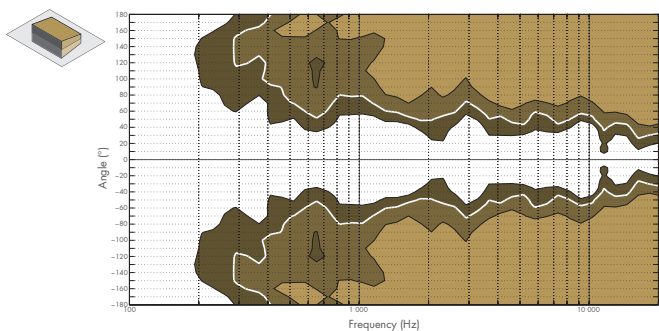
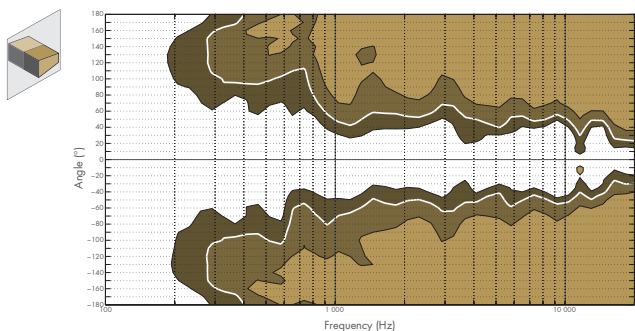
Description	Passive 2-way coaxial enclosure, controlled and amplified by LA4X / LA8
Usable bandwidth (-10 dB)	60 Hz - 20 kHz ([X8] preset)
Maximum SPL¹	127 dB ([X8] preset)
Nominal directivity	Axisymmetric 100°
Monitoring angle²	35°
Transducers	LF: 1 × 8", bass-reflex, laminar vents HF: 1 × 1.5" neodymium compression driver
Nominal impedance	8 Ω
Connectors	IN: SpeakON® LINK: SpeakON®
Rigging and handling	1 × handle DIN580-compatible M8 threaded insert 4 × M10 threaded inserts 35 mm pole socket
Weight (net)	12 kg / 26.5 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 preset specified in brackets.

2- With regard to vertical.

BEAMWIDTH

DIMENSIONS



► Dispersion angle diagram of a single X8 in vertical (top) and horizontal (bottom) plane using lines of equal sound pressure at -3 dB, -6 dB, -12 dB.

