

X8i - SHORT THROW POINT SOURCE

Xi Series

Short throw: 15 m

Single element deployment (horizontal or vertical)

Axisymmetric directivity

X8i

Short description

2-way passive enclosure with 8 in / 1.5 in speaker producing an axisymmetric point source directivity of 90 degrees with consistent off-axis response.

Description

2-way passive enclosure with a premium 1.5 in diaphragm compression driver coaxially loaded by a 8 in low-mid frequency transducer mounted in a bass-reflex cabinet. The enclosure cabinet is constructed of premium grade Baltic beech and birch plywood. The enclosure front is protected by a coated steel grill and an acoustically transparent fabric. The enclosure provides two angle settings of 35 and 55 degrees for stage monitoring. Dedicated accessories ensures wall-mount, ceiling-mount and flown configurations in vertical and horizontal orientations. The enclosure integrates eight M6 threaded inserts for external rigging elements. Exclusively driven and protected by a proprietary amplified controller through a dedicated preset.

Technical requirements

Coverage (-6 dB):

- Nominal directivity: 90° axisymmetric
- Monitoring angle: 35° / 55°

Transducers:

- LF transducer: 8" cone driver
- HF transducer: 1.5" diaphragm compression driver

Acoustics:

- Nominal impedance: 8 Ω
- Usable bandwidth:
 - Preset 1: 67 Hz - 20 kHz (-10 dB), 75 Hz - 20 kHz (-6 dB), 83 Hz - 20 kHz (-3 dB)
 - Preset 2: 43 Hz - 20 kHz (-10 dB), 48 Hz - 20 kHz (-6 dB), 54 Hz - 20 kHz (-3 dB)
- RMS power handling (Calculated using the mean impedance measured on the usable bandwidth): 197 W
- Maximum SPL: (Peak level measured at 1 m under free field conditions using pink noise with crest factor 4)
 - Preset 1: 129 dB
 - Preset 2: 123 dB

Physical data:

- Acoustical load: bass-reflex
- Cabinet: premium grade Baltic beech and birch plywood
- Dimensions (W, H, D): 240 mm, 490 mm, 217 mm / 9.4 in, 18.9 in, 8.5 in
- Weight (net): 11 kg / 24 lb
- Connectors: IN: 1 × 2-point terminal block + LINK: 1 × 2-point terminal block
- IP: IP55
- Finish:
 - dark grey brown Pantone 426 C
 - pure white RAL 9010
 - custom RAL code on special order

Product name: X8i

Manufacturer: L-Acoustics