

# Europa X2-64/96

2-Way,  
Full-Range Loudspeaker



## Description

The Europa Series has been designed to offer the utmost sound quality for installations. The range consists of 10 different two-way, full-range and 4 sub-bass options, all delivering high output whilst retaining exceptional clarity, efficiency and guaranteeing lower distortion whilst delivering superior reliability and sonic performance.

All full range models are either bi-amp or passive selectable. For greater flexibility the 12" and 15" full range cabinets are available in 4 different options depending on the coverage pattern and power required for the installation and for sub-bass reinforcement two different dual 18" are also available.

After considerable testing only the best components have been selected for the Europa Series. Materials such as hexacone, neodymium, nomex are all employed in our LF/MF drivers to ensure superior performance. The high frequency drivers all use either mylar, titanium or polyimide each with their own unique benefits and qualities whilst our aluminium horns offer improved compression driver cooling and very low distortion at high pressure levels.

All Europa Series cabinets are finished in rugged, premium birch plywood, coated with water-based black paint and protected by front steel grilles all backed with a special dark grey triple layer, acoustical textile which allows greater air flow and reduces heat and humidity.

## Key Feature

- High performance, ultra-compact, full range, two way bi-amp/passive cabinet.
- It consists of a 12" transducer and a 1.4" high frequency compression driver. They offer 2 dispersion options. The model X2-64 provides narrow dispersion of 60°×40° (rotatable) and the model X2-96 offers a wide dispersion of 90°×60° (rotatable).
- 129dB SPL (1400W program)

## Specifications

Frequency Range (-10 dB): 59 Hz - 20 kHz

Frequency Response (±3 dB): 65 Hz - 18 kHz

Sensitivity (1w @ 1m): Passive Mode: 94 dB

Nominal Impedance: 80ohms

Passive/Bi-Amp LF 80ohms, HF 80ohms

Maximum SPL: Passive Mode: 123 dB(Peak: 129dB)

Bi-Amp LF: 125 dB(Peak: 131 dB)

Bi-Amp HF: 127 dB(Peak: 133 dB)

Power Rating (Continuous/Program/Peak): Passive Mode: 700W / 1400W / 2800W  
Bi-Amp LF: 700W / 1400W / 2800W  
Bi-Amp HF: 80W / 160W / 320W

Crossover: Bi-Amp/Passive (Selectable)

Coverage Pattern: Constant directivity horn (Rotatable)  
60°×40° X2-64; 90°×60° X2-96

Dimension (H x W x D): 705×377×495mm

Net Weight: 26Kg (57lbs)

Components: LF: 12", 3.5" Aluminium voice coil, waterproof front side treatment, neodymium magnet  
HF: 1.4" Exit compression Driver, 2.5" aluminium voice coil, Titanium diaphragm

Connectors: 2×Neutrik Speakon NL4MP

Finish: High resistant water-based black paint

Material: 15mm Premium birch plywood