

ED12P

12" (300mm), 2-way, Full-range, Compact Loudspeaker System



KEY FEATURES

- ▲ High power handling HF compression driver
- ▲ 90° x 60° coverage rotatable horn
- ▲ Audiophile-grade passive crossover network
- ▲ High-performance woofer with extended low-frequency response

APPLICATIONS

The ED12P is a compact 2-way, full-range loudspeaker system offering great performance and full range response from an arrayable cabinet with a choice of dispersion patterns to suit a range of portable and fixed installations applications. Thanks to the compact size associated with an impressive SPL, ED12P can be employed for first-row or under-balcony coverage in theatres or for TV and broadcast applications.

THE ED12P

ED12P is a 2-way bi-amplifiable speaker system equipped with an audiophile-grade passive crossover. The 12" woofer features a 75 mm ISV (Interleaved Sandwich) aluminum voice coil and a cone made from special high strength woodpulp with a water repellent protection treatment. For the high frequencies it uses a 1.4" neodymium driver with a 2.4" voice coil and titanium diaphragm, combined with a progressive constant-directivity 90° x 60° rotatable waveguide, able to provide excellent directivity control, balanced frequency response and low distortion.

SYSTEM SPECIFICATIONS

SYSTEM

System's Acoustic Principle	2-way vented enclosure
Frequency Response (±6dB)	60 Hz - 18 kHz (-3 dB, +6 dB)
Nominal Impedance	8 Ohm + 8 Ohm
Horizontal Coverage Angle	90° average, from 1 kHz to 20 kHz
Vertical Coverage Angle	60° average, from 1 kHz to 20 kHz
HF Sensitivity	109 dB SPL (2.83 V @ 1 m)
LF Sensitivity	97 dB SPL (2.83 V @ 1 m)
Maximum (peak) Output	128 dB SPL

TRANSDUCERS

HF	1.4" neodymium driver - 2.4" voice coil
LF	12" ferrite woofer - 3" voice coil

INPUT CONNECTIONS

Connector Type	Neutrik® Speakon® NL4 x 2
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POWER HANDLING

Power rating (AES)	70 W + 600 W (600W passive)
Power rating (program)	140 W + 1200 W (1200 passive)

ENCLOSURE & CONSTRUCTION

Physical Dimensions	
Width	41 cm
Height	63 cm
Depth	37 cm
Enclosure Material	15mm birch plywood, internally reinforced
Paint	Black water based paint
Flying system	6 x M10 - top, bottom
Net Weight	27 kg (59.5 lbs)

