

ED23P

Dual 3.5" (88mm), 2-way, Full-range, Compact Loudspeaker System



KEY FEATURES

- ▲ WTW configuration with a Spherical Wave Guide Horn (SWG H)
- ▲ FEA computer modelled horn profile
- ▲ Ultra-compact size
- ▲ Easily configurable in small arrays

APPLICATIONS

The ED23P is a WTW full-range loudspeaker system with passive crossover, designed for near-field sound reinforcement applications such as television, stage front, conferencing, theatres, and audio-visual. Due to its very low profile, the ED23P is an ideal stage lip monitor and especially useful for fashion show catwalks where it can provide unobtrusively alternate inwards/outwards coverage for both audience and presenters.

THE ED23P

The system features two 3.5" woofers and a SWGH (Spherical Wave Guide Horn) loaded dome tweeter in a WTW configuration. The WTW driver arrangement provides a wide dispersion pattern that allows widely spaced units to cover large spaces with high quality background sound.

The trapezoidal cabinet is asymmetric allowing an easy combination of multiple units into small arrays.

High angular dispersion, homogenous coverage and high sensitivity stand out among the system features.

Parallel configurations yield better results thanks to the 32 Ohm impedance of the speakers.

SYSTEM SPECIFICATIONS

SYSTEM

System's Acoustic Principle	2-way vented enclosure
Frequency Response (± 6 dB)	200 Hz - 20 kHz
Nominal Impedance	32 ohm
Horizontal Coverage Angle	80° averaged, 1 kHz to 20 kHz, (-6 dB)
Vertical Coverage Angle	65° averaged, 1 kHz to 20 kHz (-6 dB)
Sensitivity	90 dB SPL @ 1m
Maximum Peak	112 dB SPL @ 1m

TRANSDUCERS

HF	Dome tweeter with spherical waveguide horn SWGH
LF	2 x 3.5" woofer

INPUT CONNECTIONS

Connector Type	Neutrik® Speakon® NL4 x 2
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POWER HANDLING

Input Power Rating (AES)	70 W
Input Power Rating (Program)	140 W

ENCLOSURE & CONSTRUCTION

Physical Dimensions	
Width	138 mm (5.43")
Height	320 mm (12.59")
Depth	198 mm (7.79")
Monitor taper	20°
Enclosure Material	15mm birch plywood
Paint	Black water based paint
Flying system	2 x M8 top, bottom - 2 x M5 rear
Net Weight	6.4 kg (14.1 lbs)

