



KEY FEATURES

- Passive two-way point source
- Ultra-compact lightweight enclosure
- Two 3.5" woofers and dome tweeter driver
- WTW configuration with Spherical Waveguide Horn (SWG H)
- FEA computer modeled horn profile
- Small-array configurable
- Non-symmetrical, multi-angled enclosure
- M8 and M5 rigging points
- Black or white finish

APPLICATIONS

- Distributed systems
- Theatre underbalcony
- Corporate and A/V
- TV and broadcast
- Conferencing
- Stage lip monitoring
- Near fill and front fill
- Live music venues
- Bars and restaurants
- House of Worship
- Retail outlets

TECHNICAL SPECIFICATIONS

SYSTEM

System's Acoustic Principle	Two-way Vented Enclosure
Frequency Response (-6dB)	200 Hz – 20 kHz
Nominal Impedance	32 ohm
Horizontal Coverage Angle	80° averaged, 1kHz to 20kHz (-6dB)
Vertical Coverage Angle	65° averaged, 1kHz to 20kHz (-6dB)
Sensitivity	90 dB SPL @ 1m
Maximum (peak) Output	112 dB SPL @ 1m

TRANSDUCERS

LF	Two 3.5" (89mm) LF drivers
HF	One Dome tweeter with spherical waveguide horn (SWG H)

INPUT CONNECTIONS

Connector Type	Neutrik® speakON™ NL4MP x 2
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POWER HANDLING

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

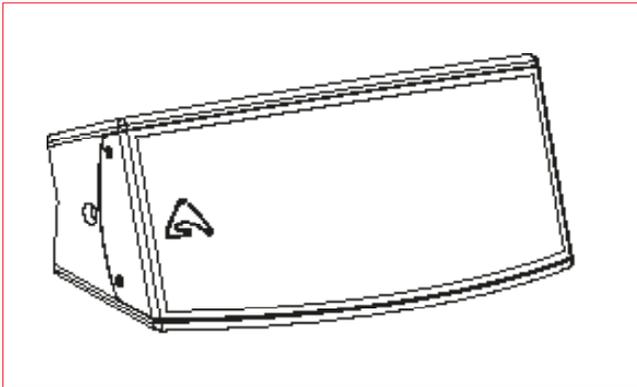
ENCLOSURE & CONSTRUCTION

Dimensions (W x H x D)	138 mm (5.4") x 320 mm (12.6") x 198 mm (7.8")
Monitor taper	20°
Enclosure Material	15mm birch plywood
Paint	High resistance, black or white water based paint
Flying System	2 x M8 flying points on top & bottom 2 x M5 on rear
Net Weight	6.4kg (14.1 lbs)

DESCRIPTION

The ED23P is an ultra-compact and lightweight, two-way passive point source loudspeaker 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 is especially useful for fashion show catwalks where it can provide unobtrusive inwards/outwards coverage for both audience and presenters.

The two 3.5" low frequency drivers are matched to a dome tweeter on a spherical waveguide horn with an audiophile-grade passive crossover in a WTW linear enclosure configuration to give a wide dispersion pattern that allows widely spaced units to cover large spaces with high quality background sound.



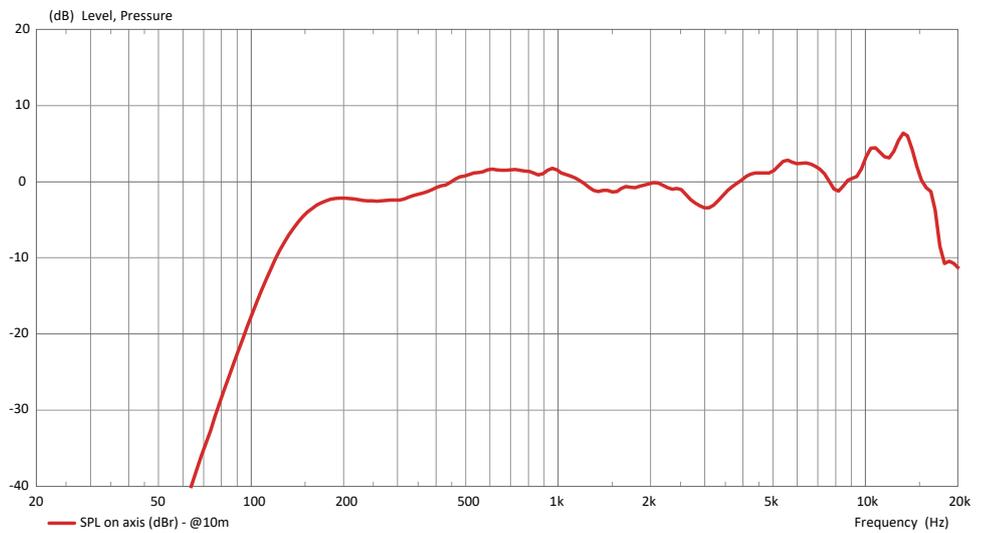
The cabinet is trapezoidally shaped, and also asymmetrical, and this profile not only allows the assembly of small clusters using the integral flypoints, but also enables it to be suspended horizontally very close to a ceiling or placed on a stage front as a low profile monitor. The 15mm birch plywood cabinet is provided with M8 rigging points on the top and bottom, and M5 rigging points on the rear of the cabinet to allow suspension in fixed installations using optional mounting brackets. Two Neutrik® speakON™ NL4 connectors provide input and link connections.

To extend the system's low frequency response the ED25P can be complemented by subwoofers from the Axiom SW series such as the SW210P or SW18P.

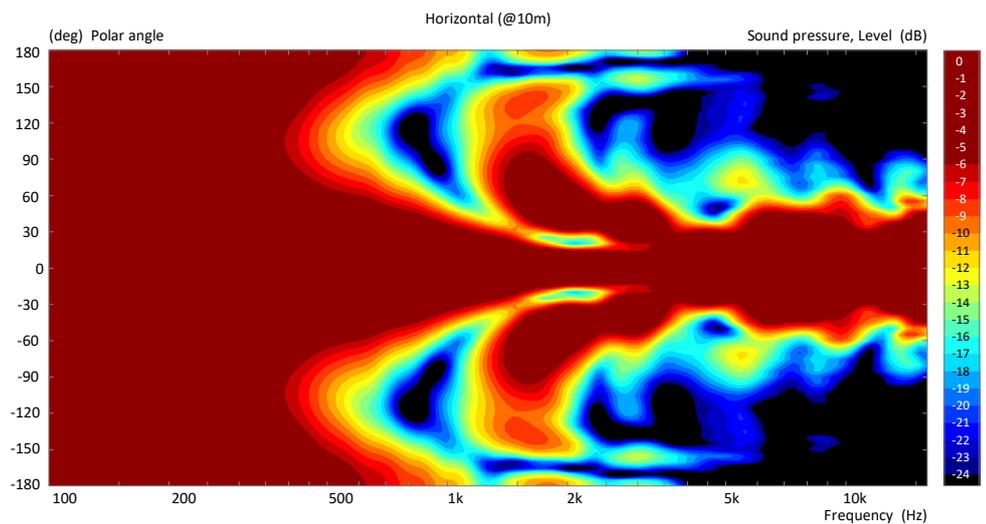
MOUNTING AND FIXING

The ED23P can be wall mounted in permanent installations either vertically or horizontally using the KPTED23B wall mounting bracket or the KPTLTP wall bracket.

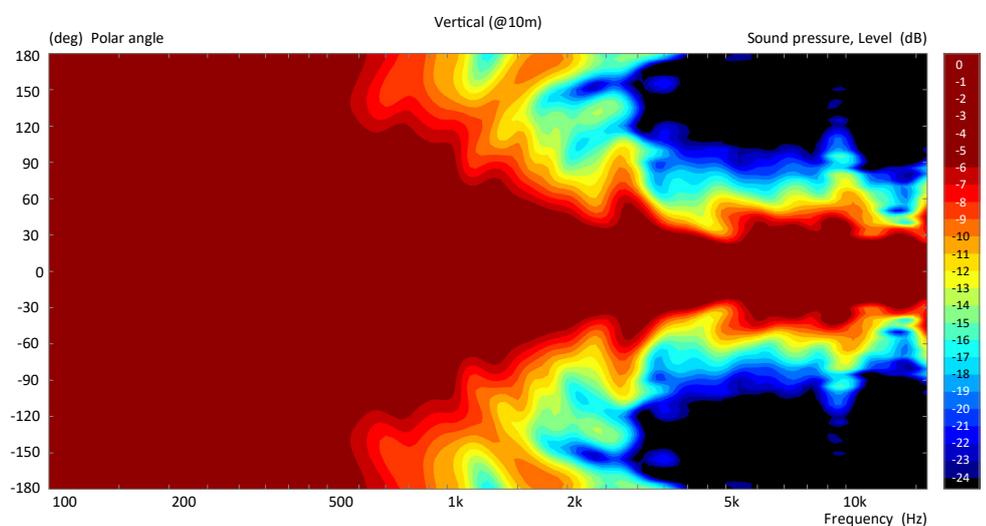
ED23P frequency response



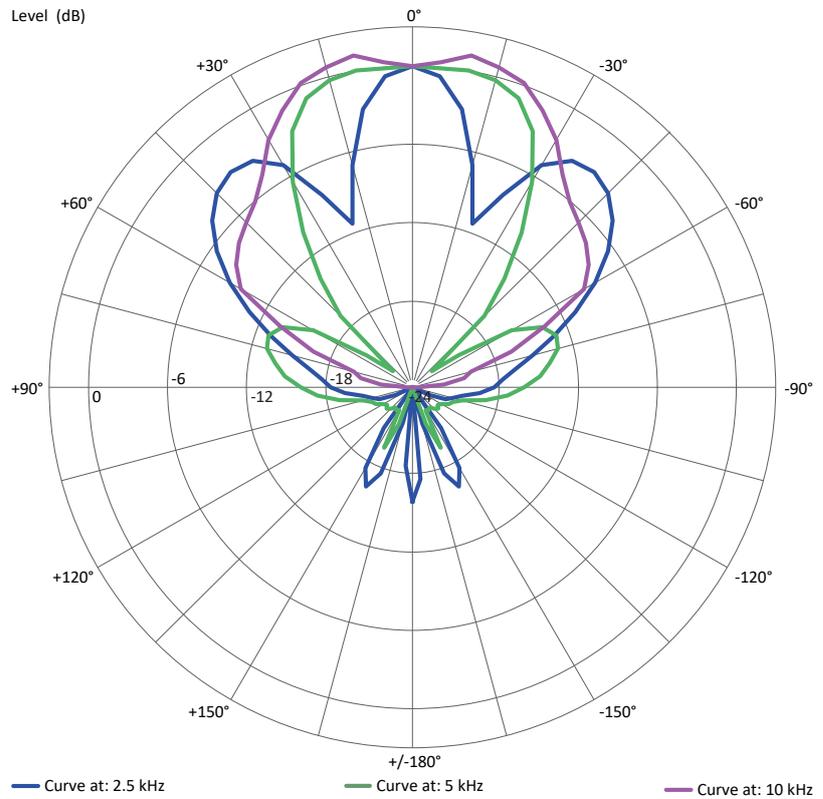
ED23P HORIZONTAL directivity map



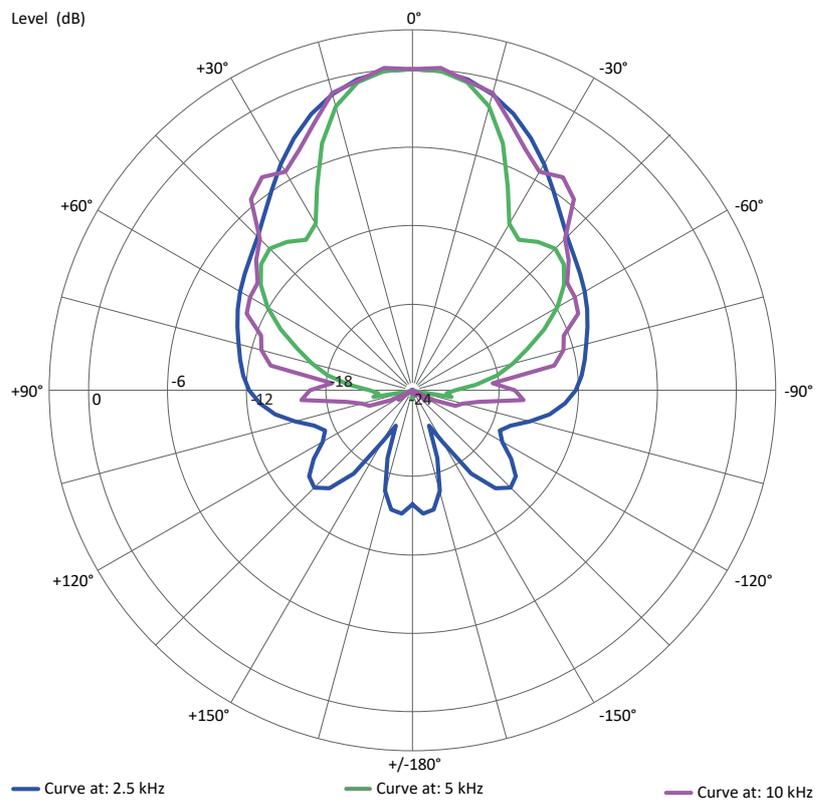
ED23P VERTICAL directivity map



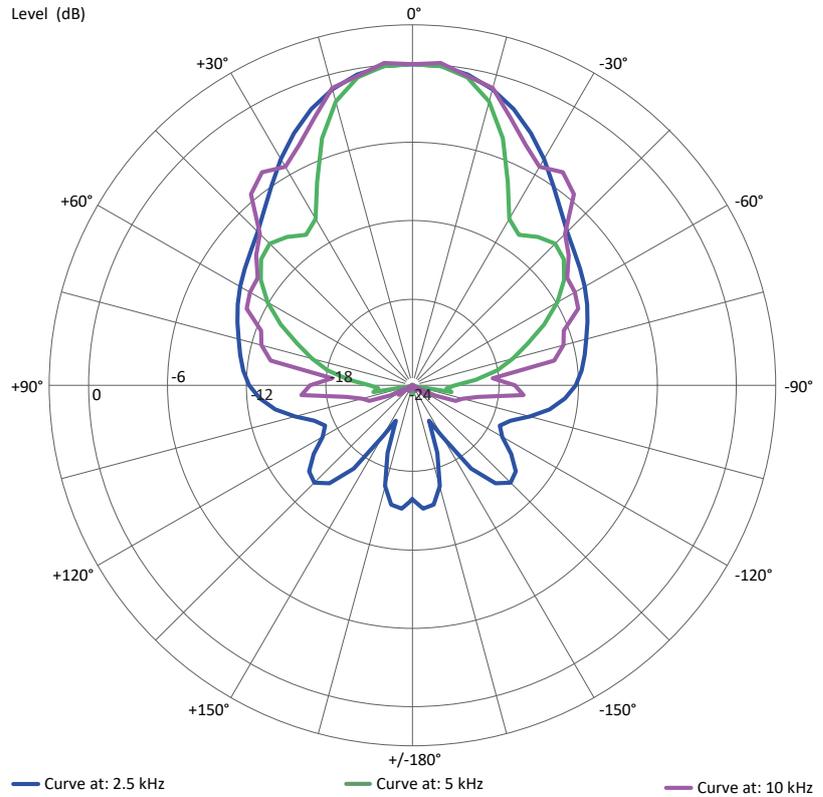
ED23P HF HORIZONTAL polar diagram



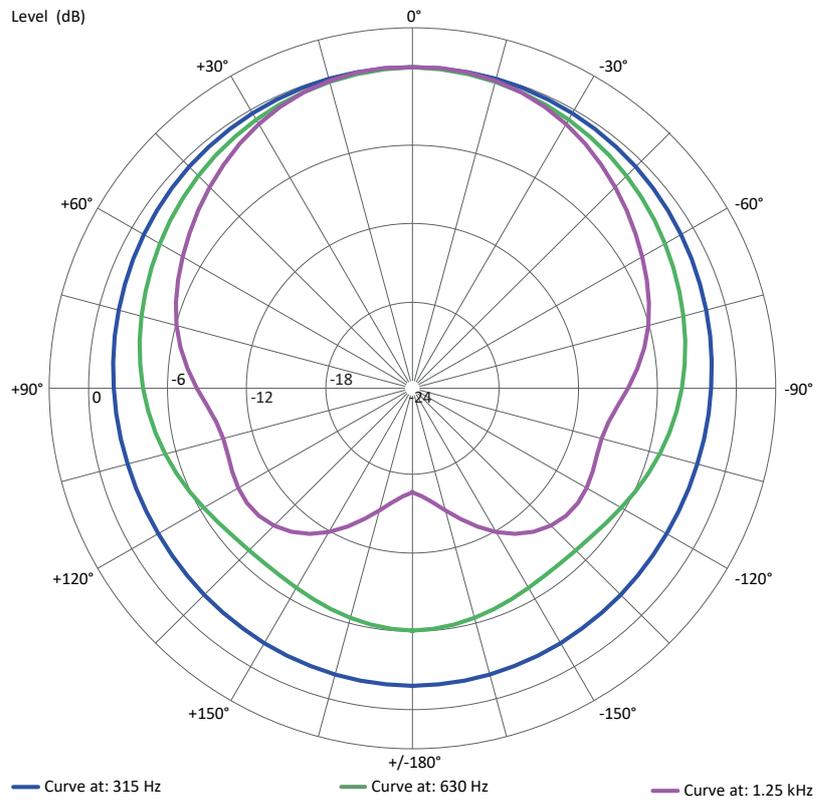
ED23P HF VERTICAL polar diagram



ED23P LF HORIZONTAL polar diagram



ED23P LF VERTICAL polar diagram



ENGINEERING DRAWING

