

DROP6i

HIGH-PERFORMANCE LOUDSPEAKERS

Pendant Loudspeaker



PRODUCT OVERVIEW

DROP6i is a 2-way full-range 6.5" pendant loudspeaker delivering 75W @ 8Ω, designed with a sleek, discreet aesthetic. It features a 70/100V line transformer with selectable 60/30/15/7.5W power taps and is available in both high- and low-impedance configurations.

KEY FEATURES

- Two-way full-range pendant loudspeaker.
- 75 W RMS @ 8 Ω.
- 6,5" woofer / 1" Silk Dome tweeter.
- Compatible for use in high impedance (70V or 100V line) and low impedance (8Ω).
- Power selector: 4 options of 60W/30W/15W/7.5W in high impedance or one 75W option in low impedance.
- IP53 rated.
- ABS reinforced with fibreglass.
- Paintable grill and speaker (white).
- INPUT/LINK double connector, Euroblock type.
- Cable length: 5m (includes 2 height adjustable steel cords)
- Available in white (RAL9003) and black (RAL9005).
- [EASE files available](#).

APPLICATIONS

- Retail
- Hospitality
- Corporate
- Leisure

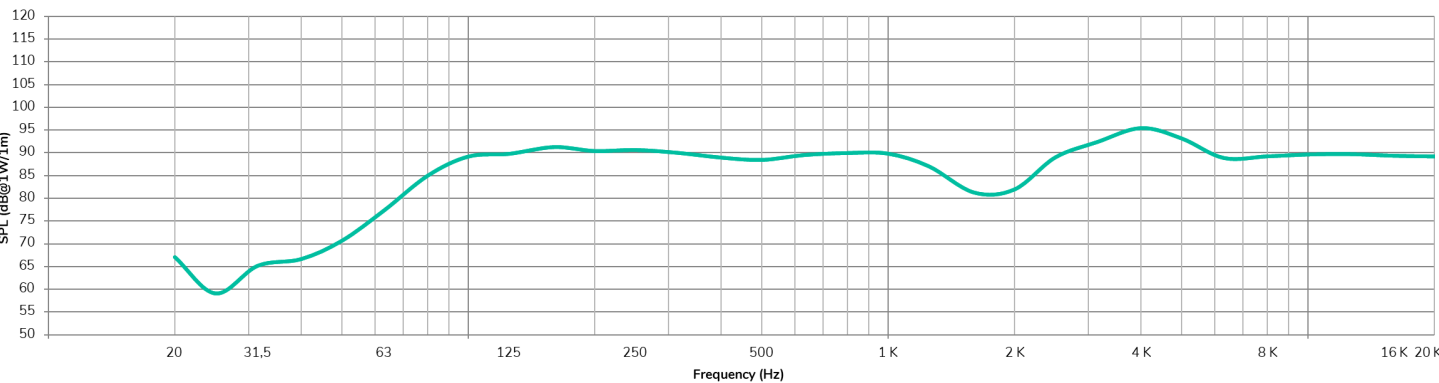
TECHNICAL SPECIFICATIONS

DROP6i

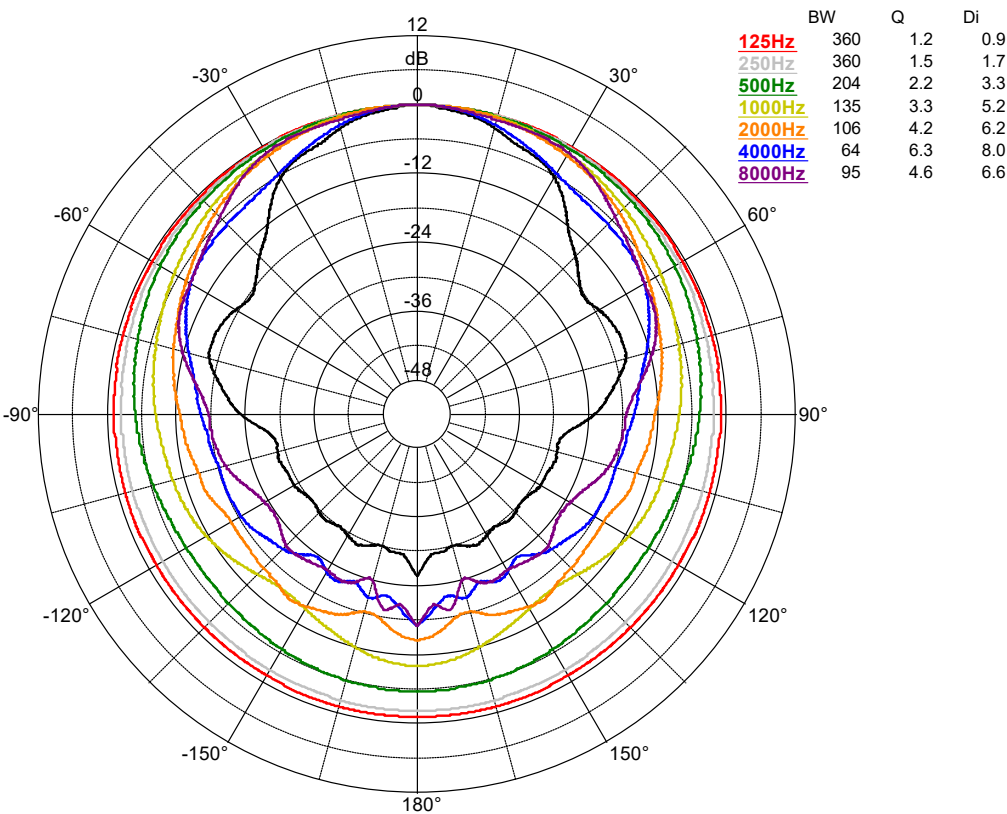
SYSTEM		
	Effective Freq. Range ¹	70Hz -20KHz (-10dB)
	Coverage angle ²	135° Conical
	Power handling	75W RMS / 300W Peak
	Sensitivity ³	90 dB (1W/1m)
	Maximum SPL ⁴	109 dB continuous / 115 dB peak
	Power options	70V/100V: 7.5W - 15W - 30W - 60W / 75W@8Ω
	Recommended amplifier power	150W RMS
TRANSDUCERS		
	Ways	2-ways full range
	Driver	6.5" Woofer + 1" Tweeter
	Low frequency driver	6.5" Woofer
	High frequency driver	1" Silk Dome Tweeter
	Nominal impedance	8Ω
FILTERS		
	Crossover filter	1,65 KHz
PHYSICAL		
	Connection type	Double INPUT/LINK connector, Euroblock type
	Power type selector	Back panel tap rotary selector
	Installation options	Pendant
	Environmental	IP53 rated
	Enclosure material	ABS reinforced with fibreglass
	Grill material	Aluminium
	Grill fixing system	Bayonet mount system
	Mounting system	Steel wire hanging
	Flying points	2 x Steel wire hanging points
	Operating temperature	Min: -20°C ; -4°F Max: 70°C ; 158°F
	Operating humidity	<85% HR
	Storage temperature	Min: -20°C ; -4°F Max: 70°C ; 158°F
	Storage humidity	<90% HR
	Included accessories	2 x Steel Wire for hanging (5 m), 2 x 3C Euroblock connector
	Finished colour	White (RAL9003) or Black (RAL9005)
	Dimensions (Ø xH)	270mm x 344mm / 10.63 in. x 13.54 in.
	Weight	4.2 Kg / 9.26 lb
	Pieces per box	1
	Shipping dimensions (WxHxD)	380 x 325 x 370mm / 14.96 x 12.80 x 15.57 in.
	Shipping weight	5.5 Kg / 12.13 lbs

¹10dB below the sound pressure level at specified sensitivity²6dB below the sound pressure level than that at the direction of maximum level. Max. angle between 1 kHz and 4 kHz.³Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.⁴Calculated from sensitivity and power handling specifications, exclusive of power compression

FREQUENCY RESPONSE ON-AXIS



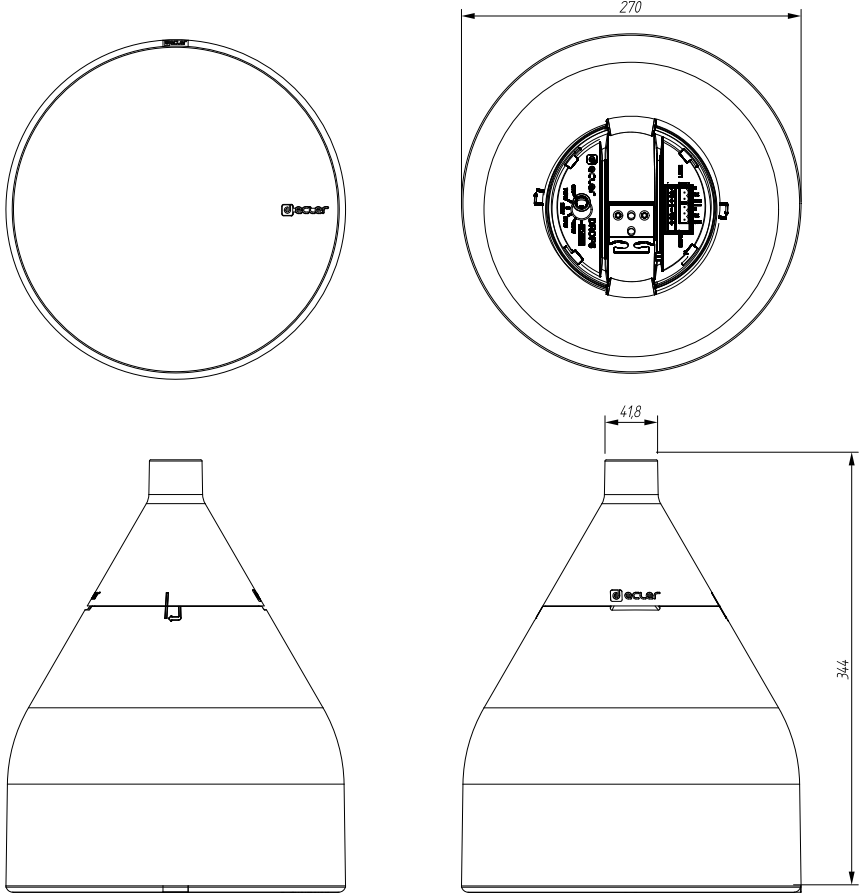
POLAR DIAGRAMS



MECHANICAL DIAGRAM



Ecler DROP6i Mechanical Diagram



All the measurements are in mm

6I-1079-0200

www.ecler.com

A&E SPECIFICATIONS

The pendant loudspeaker shall be a two-way type consisting of an 6,5" woofer and a 1" silk dome tweeter suitable for 70/100 V line or low impedance installations. The power handling should be 75 W RMS at a nominal impedance of 8 Ω with a peak power handling of 300 W. It shall include a multi-tapping line transformer with tapings for 7.5W - 15W - 30W - 60W in 70/100V line, including an 8 Ω bypass.

The effective frequency range (± 10 dB) shall be from 70Hz - 20KHz. The sensitivity shall be 90 dB considering 1 W input signal at 1 meter distance. The maximum continuous sound pressure level shall be 109 dB, while the maximum peak pressure level shall be 115 dB considering the loudspeaker's rated power. The coverage angle shall be a 135° conical coverage pattern.

The enclosure shall be made of ABS reinforced with fiberglass and the borderless grill shall be made of rust-proof aluminum. It shall come available in both white (RAL9003) and black (RAL9005) colors. Mounting of the pendant speaker into the ceiling shall be possible using the steel cords hanging. Connection shall be made via terminal block, including a double INPUT/LINK connector.

The loudspeaker shall have a diameter of 270 mm, a high of 344 mm and the weight shall not exceed 4,2 kg. It shall have data files available that can be used with EASE acoustic simulation software.

The loudspeaker shall be the ECLER DROP6i.



All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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