HIGH POWER / SPEAKERS / PASSIVE

LIGNUM-4

PASSIVE HIGH-POWER FULL-RANGE SPEAKER



EUROBLOCKS · COMPACT DESIGN · EXCLUSIVE DESIGN · HEADROOM LEVEL · HIGH SENSITIVITY · HIGH MAX SPL · PLYWOOD · LOW THD · BASS-REFLEX

- High sensitivity, allowing for considerable volume with lower energy consumption.
- High maximum SPL, ideal for maintaining clear and powerful reproduction even in challenging environments.
- Good dynamic range (headroom), allowing signal peaks to be handled without distortion.
- Low total harmonic distortion (THD), ensuring remarkable sound fidelity.

+ Info:
https://fonestar.com/LIGNUM-4

ESPECIALLY RECOMMENDED IN:



Hospitality



Retail



Sports facilities



Hotels

DESCRIPTION

Passive high-power full-range 4" speaker. 240 W peak, 60 W RMS @ 16Ohm.

TECHNICAL CHARACTERISTICS

TYPE OF SPEAKER	2-way coaxial speaker
TRANSDUCERS	Woofer: 4": · Pressed paper fiber cone, ferrite magnet, 25 mm copper wire voice coil Tweeter: 1": · Silk dome, neodymium magnet, 20 mm copper wire voice coil
POWER	60 W RMS, 240 W peak
RESPONSE	100-20.000 Hz (-6 dB) 85-20.000 Hz (-10 dB)
IMPEDANCE	16 Ohm
SENSITIVITY	90 dB (1W/1m) at 2.83 V
SPL MAX	108 dB continuous, 114 dB peak
DISPERSION	125° H x 90° V (-6 dB)
CROSSOVER	Crossover frequency: 3,150 Hz
CONNECTORS	1 x 4-pin safety Euroblock (2 in, 2 out)
PHYSICAL SPECIFICATIONS	· Grille: Steel grille with acoustic foam and powder-coated finish · Enclosure: Birch plywood protected with a sprayed polyurea coating · Built-in bass reflex
MOUNTING AND INSTALLATION	· Microphone stand adapter: 1 x 3/8" · Wall mount anchoring point: 4 x M6 · Safety anchoring point: 1 x M8
COLOUR	Black
PROTECTION	TEMPERATURE RANGE: · Operation: Min: -20 °C | Max: +60 °C · Storage: Min: +5 °C | Max: +30 °C Humidity: · Operation: < 90% · Storage: < 30%



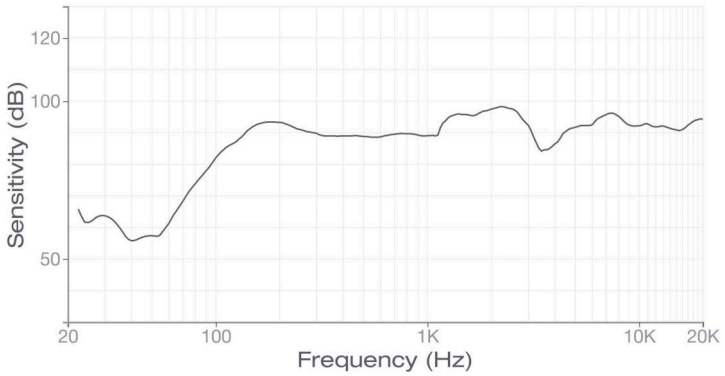
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DIMENSIONS	163 x 165 x 173 mm depth
WEIGHT	2.08 kg
ACCESSORIES	Wall mount included

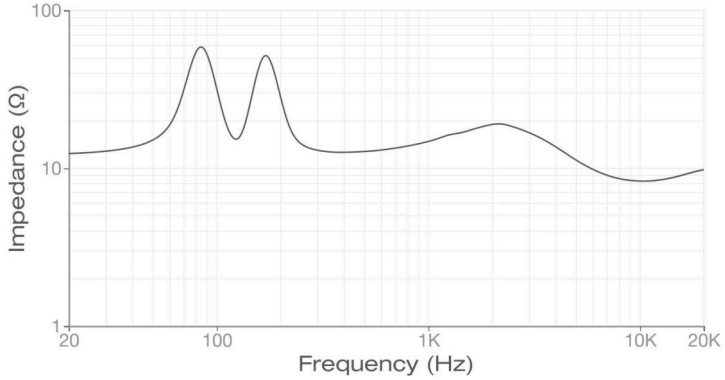


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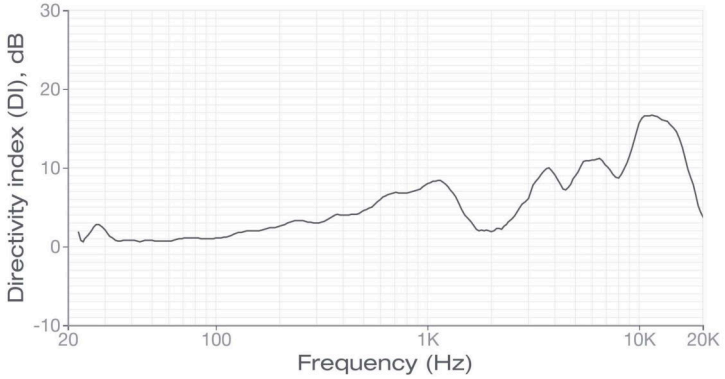
SENSITIVITY (SPL)



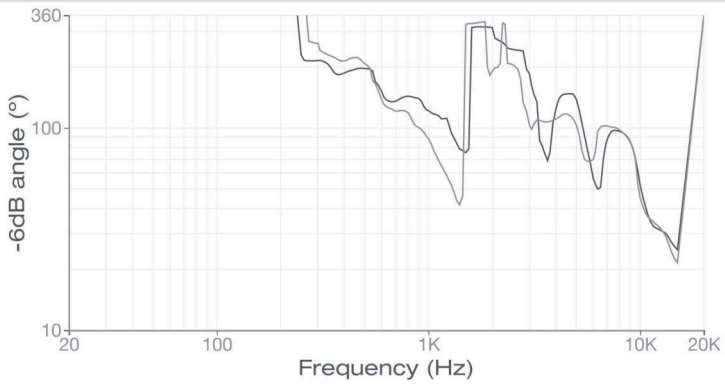
IMPEDANCE



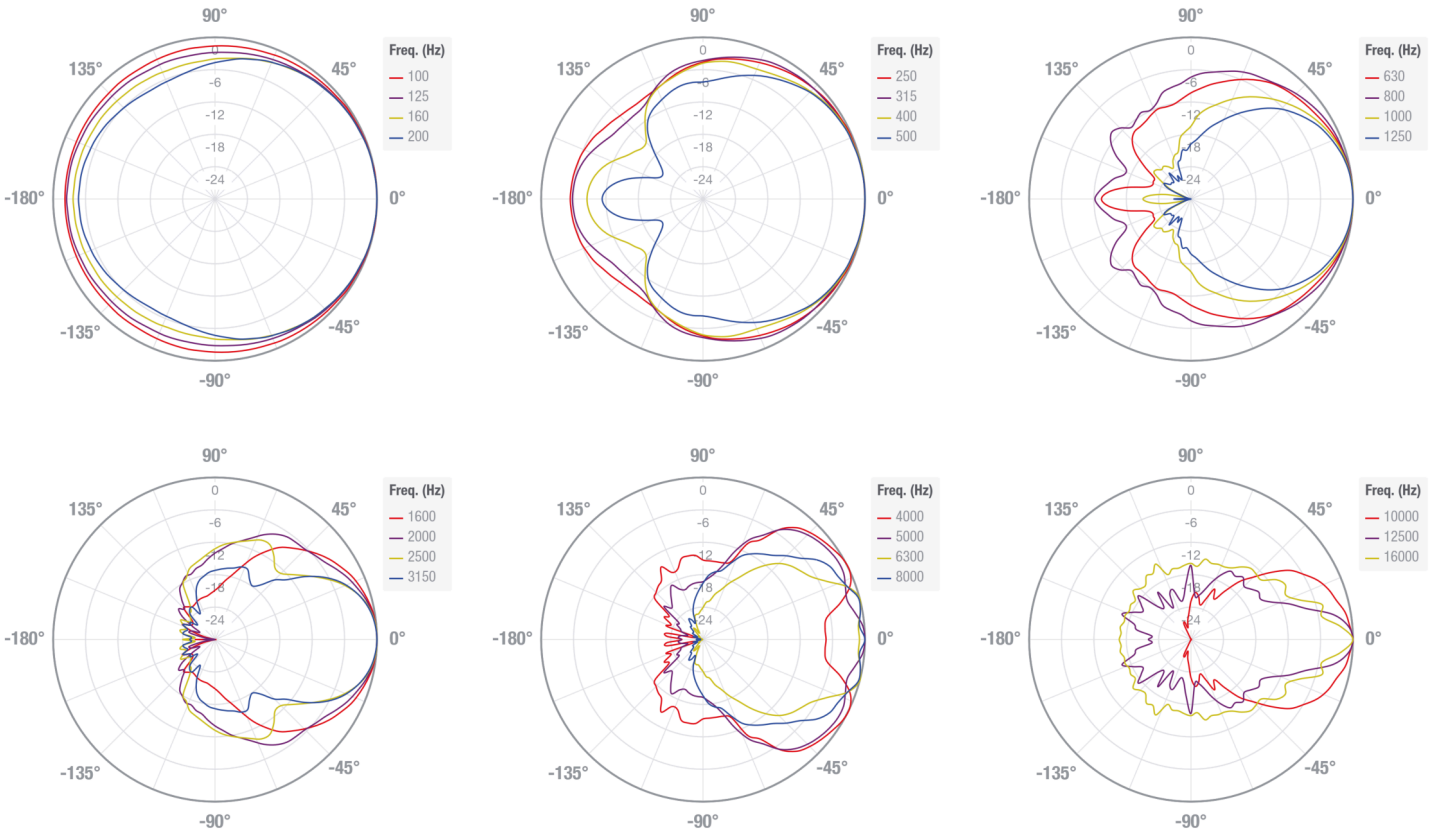
DIRECTIVITY INDEX



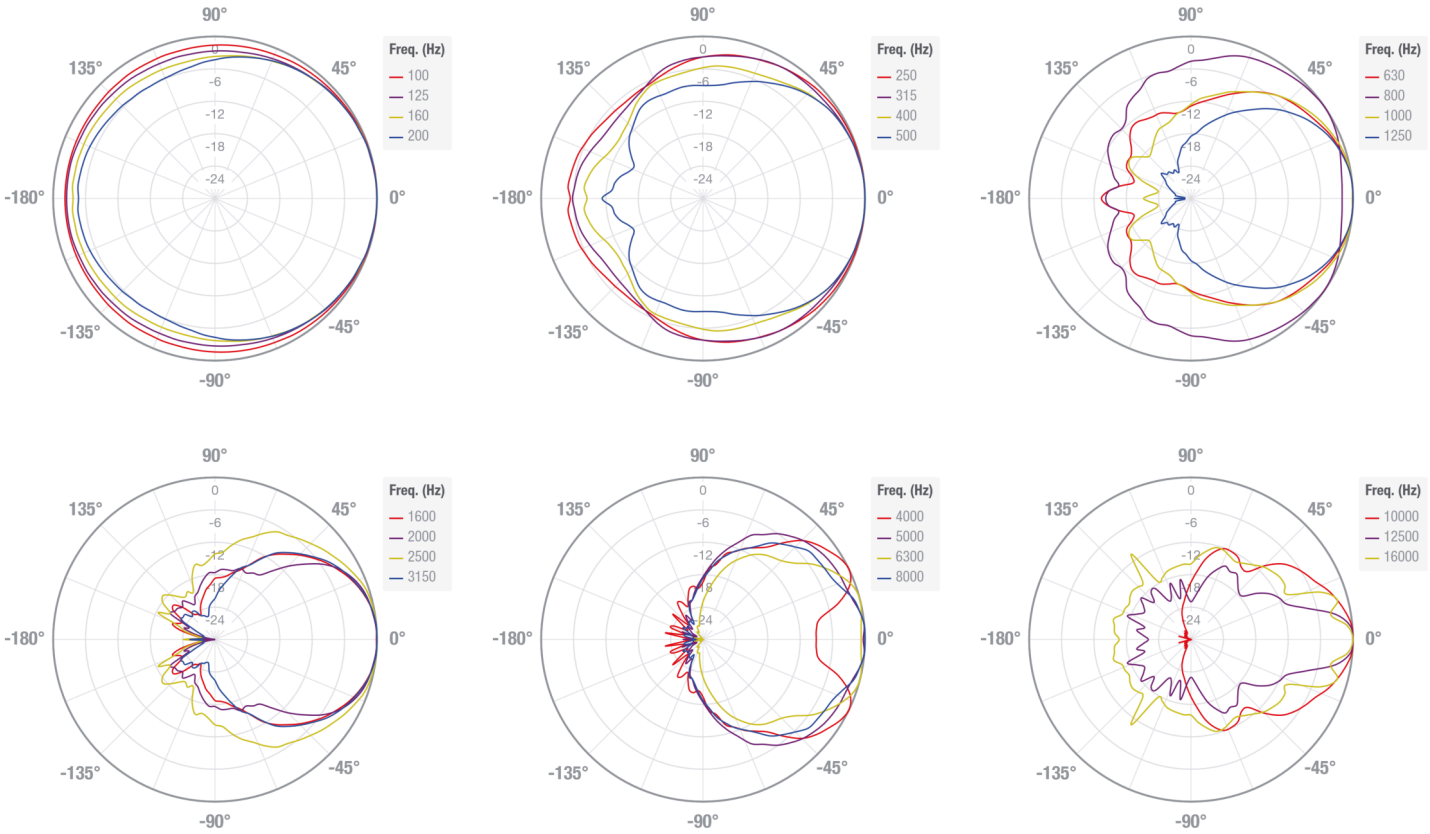
BEAM WIDTH (-6 DB)

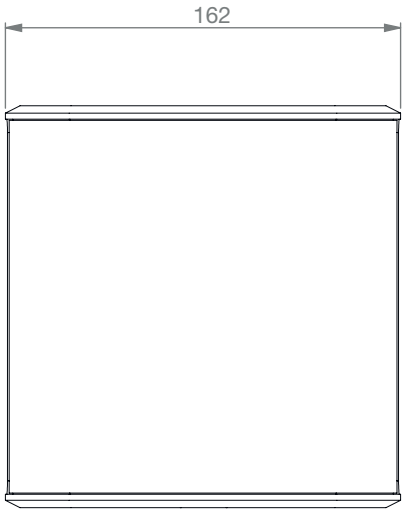


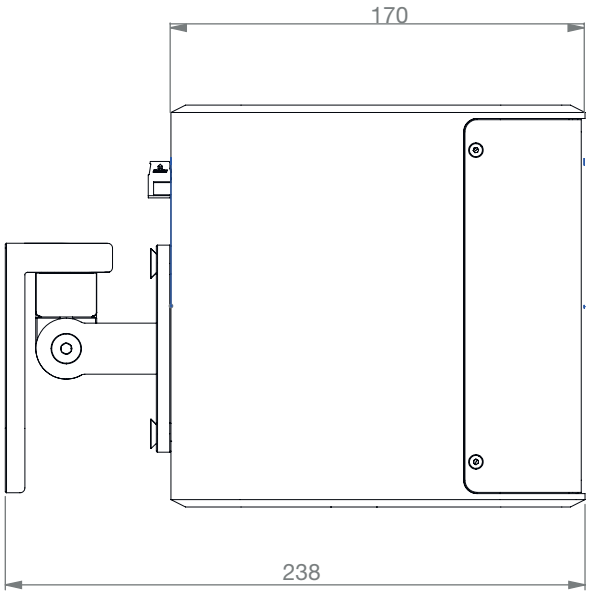
HORIZONTAL POLAR DATA

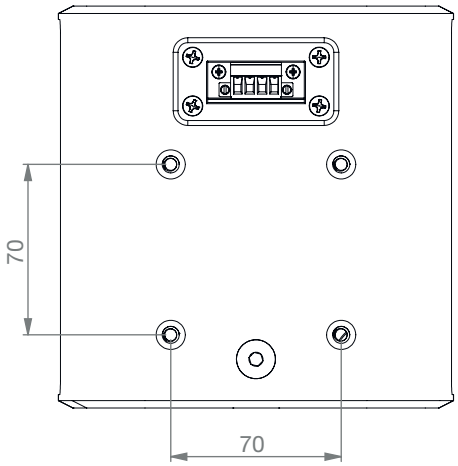


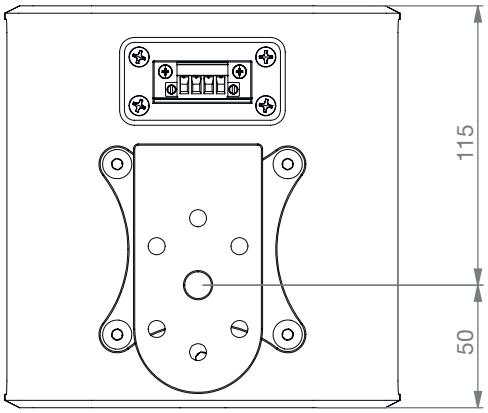
VERTICAL POLAR DATA




162


170
238


70
70


115
50

