HIGH POWER / SPEAKERS / PASSIVE

LIGNUM-6

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-6

ESPECIALLY RECOMMENDED IN:



Hospitality



Retail



Sports facilities



Hotels

DESCRIPTION

Passive high-power full-range speaker 6". 480 W peak, 120 W RMS @ 8Ohm.

TECHNICAL CHARACTERISTICS

TYPE OF SPEAKER	2-way coaxial speaker
TRANSDUCERS	Woofer: 6": · 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	120 W RMS, 480 W peak
RESPONSE	90-20.000 Hz (-6 dB) 80-20.000 Hz (-10 dB)
IMPEDANCE	8 Ohm
SENSITIVITY	92 dB (1W/1m) at 2.83 V
SPL MAX	113 dB continuous, 119 dB peak
DISPERSION	105º H x 110º V (-6 dB)
CROSSOVER	Crossover frequency: 2,750 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 · Flying (rigging) and safety anchoring points: 3 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%



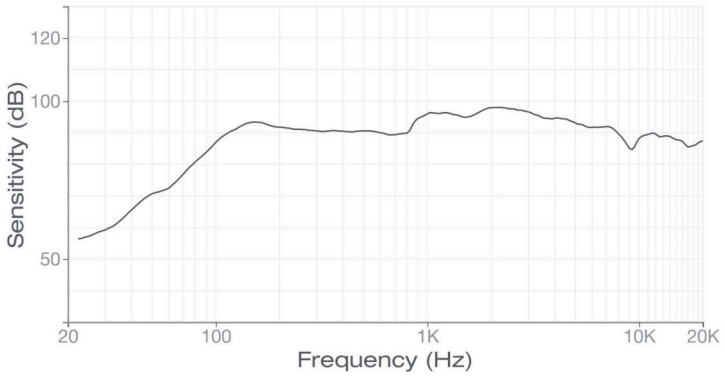
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DIMENSIONS	208 x 232 x 227 mm depth
WEIGHT	3.75 kg
ACCESSORIES	Wall mount included

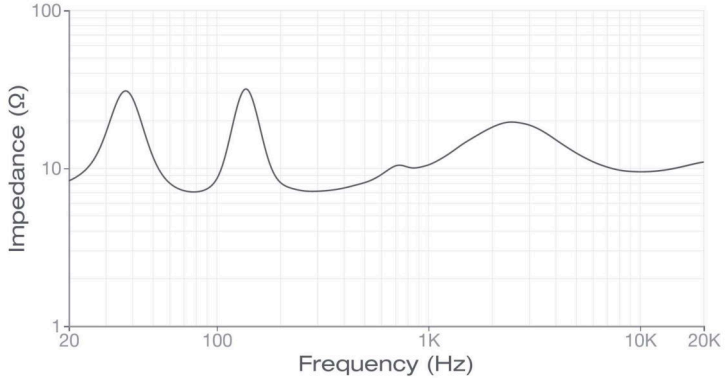


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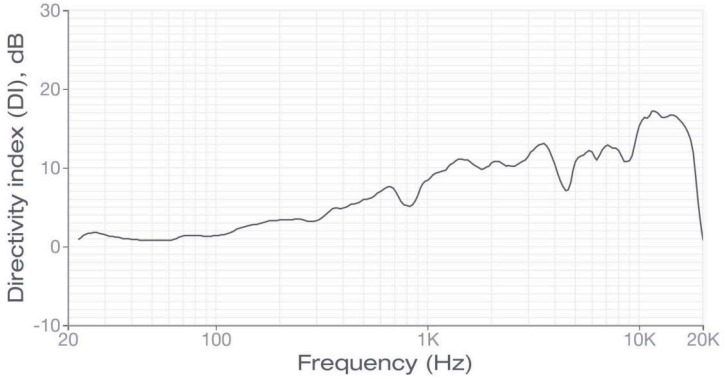
SENSITIVITY (SPL)



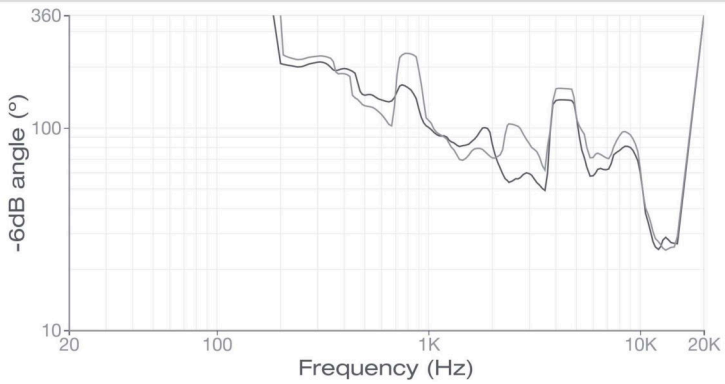
IMPEDANCE



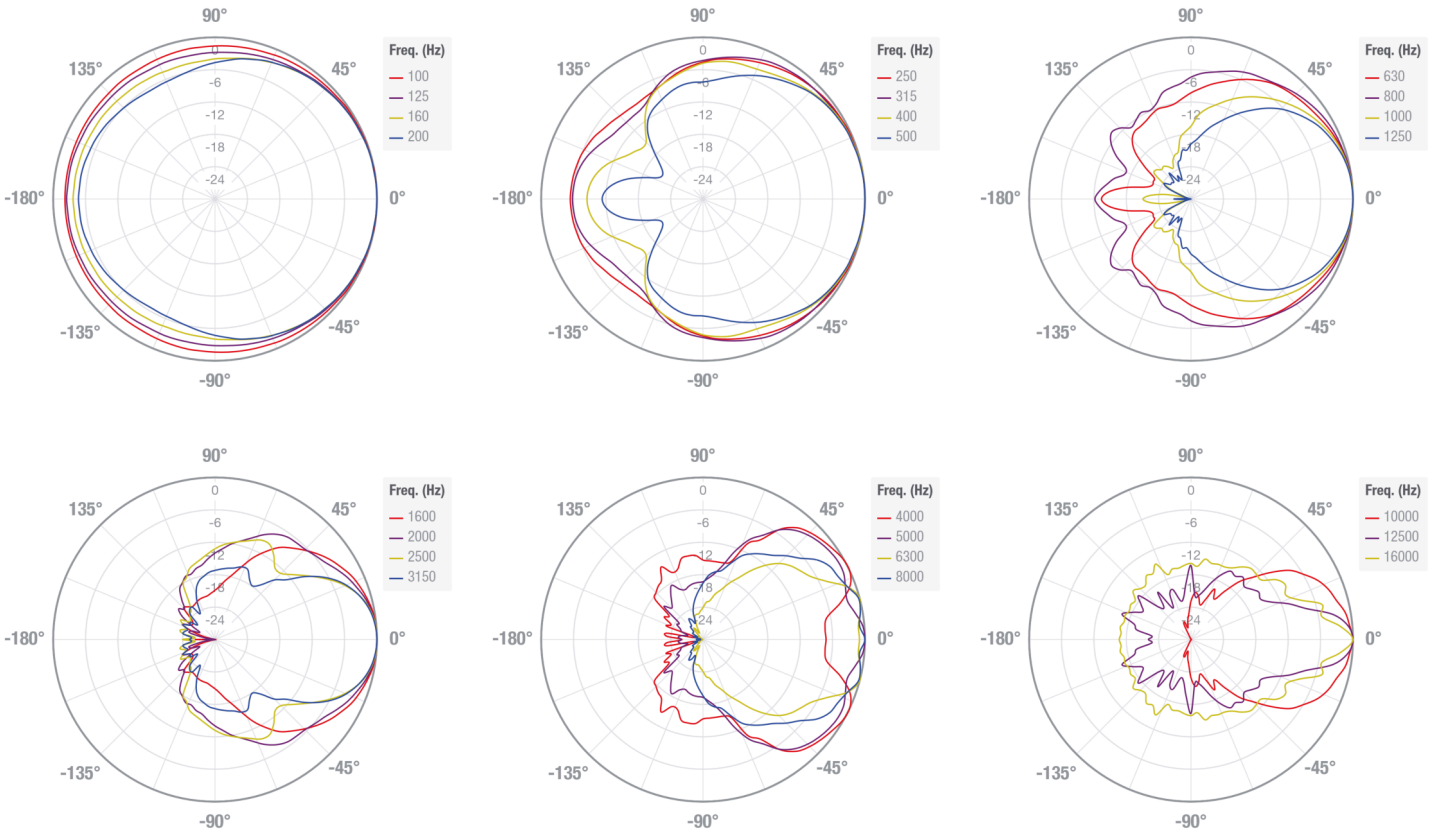
DIRECTIVITY INDEX



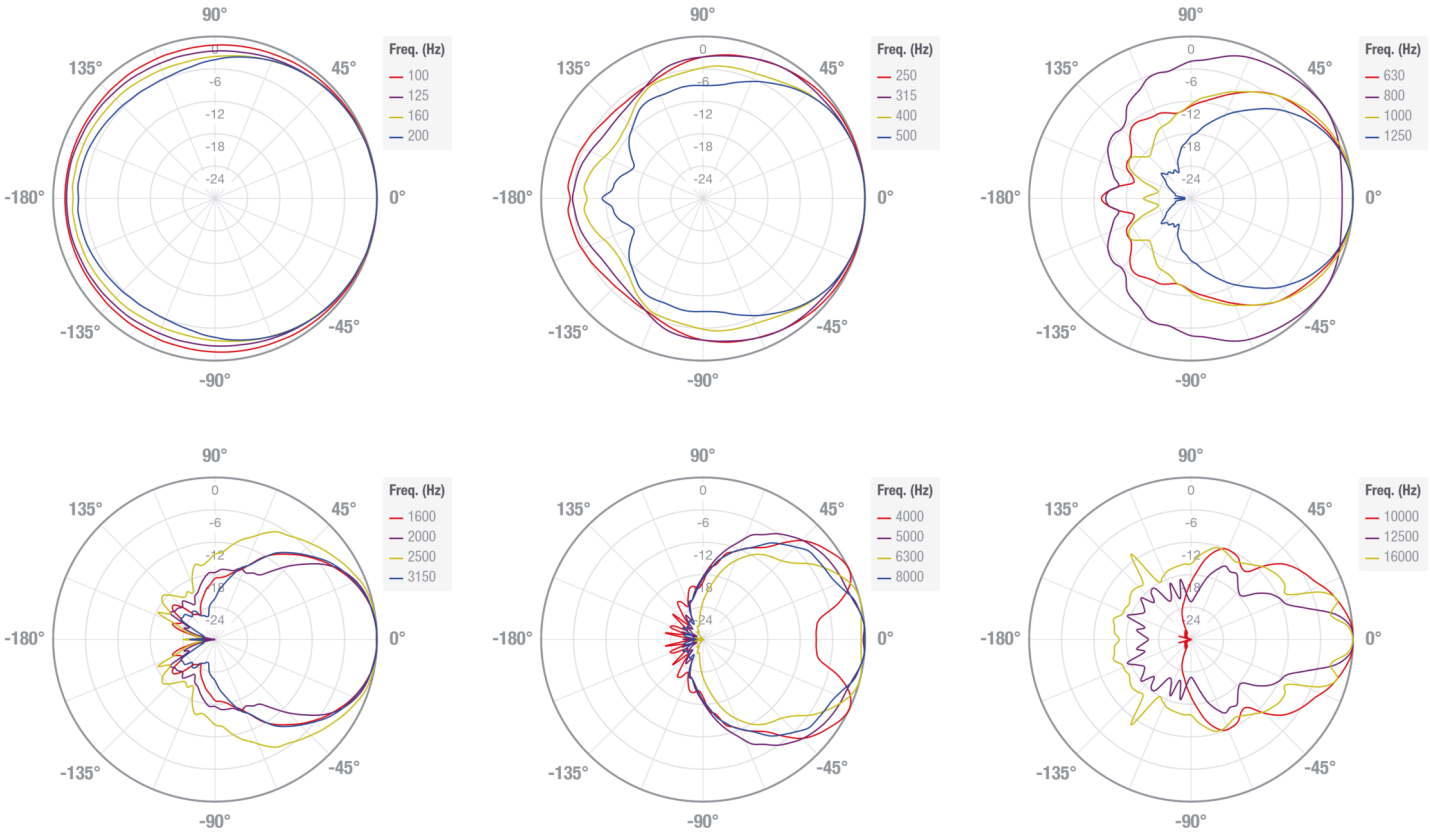
BEAM WIDTH (-6 DB)

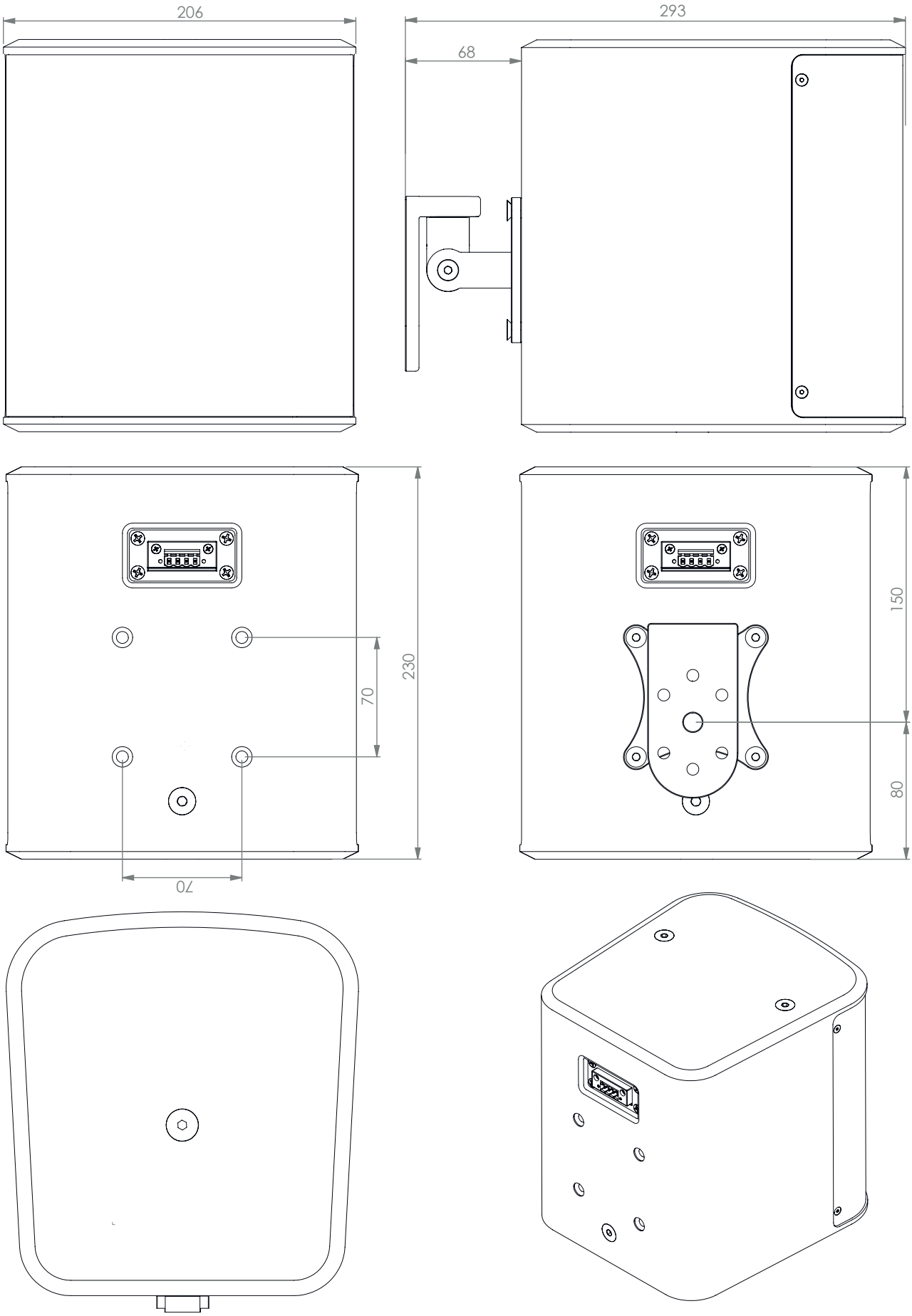


HORIZONTAL POLAR DATA



VERTICAL POLAR DATA




206
293
68
230
70
70
150
80