HIGH POWER / SPEAKERS / PASSIVE

LIGNUM-8

PASSIVE HIGH-POWER FULL-RANGE SPEAKER.



EUROBLOCKS · COMPACT DESIGN · SPEAKON AND EUROBLOCK · 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-8

ESPECIALLY RECOMMENDED IN:



Hospitality



Retail



Sports facilities



Hotels

DESCRIPTION

Passive high-power full-range speaker 8". 800 W peak, 200 W RMS @ 8Ohm.

TECHNICAL CHARACTERISTICS

SPEAKER TYPE	2-way speaker with compression driver
TRANSDUCERS	8" woofer: · Pressed paper fibre cone, 156 x 65 mm ferrite magnet, 65 mm copper wire voice coil Compression driver: · 1" mouth, resin body with threaded joint and plastic rear cover, 90 x 34 mm ferrite magnet, 34 mm copper wire voice coil
POWER	200 W RMS, 800 W peak
RESPONSE	90-20,000 Hz (-6 dB) 75-20,000 Hz (-10 dB)
IMPEDANCE	8 Ohm
SENSITIVITY	94 dB (1W/1m) at 2.83 V
SPL MAX	117 dB continuous, 123 dB peak
DISPERSION	90° H x 90° V (-6 dB)
CROSSOVER	Crossover frequency: 2,230 Hz
CONNECTORS	Inputs: · 1 x 2-pin safety Euroblock · 1 x 4-pole speaker connector (1+, 1-, 2+, 2-) Outputs: · 1 x 2-pin safety Euroblock · 1 x 4-pole speaker connector (1+, 1-, 2+, 2-)
PHYSICAL SPECIFICATIONS	· Grille: Steel grille with acoustic foam and powder-coated finish. · Chassis: Birch plywood and protected with a sprayed polyurea coating. · Built-in bass reflex
ASSEMBLY AND INSTALLATION	· Flying (rigging), wall-mount and safety anchoring points: 5 x M8 · VESA mount 100x100: 4 x M6
COLOUR	Black

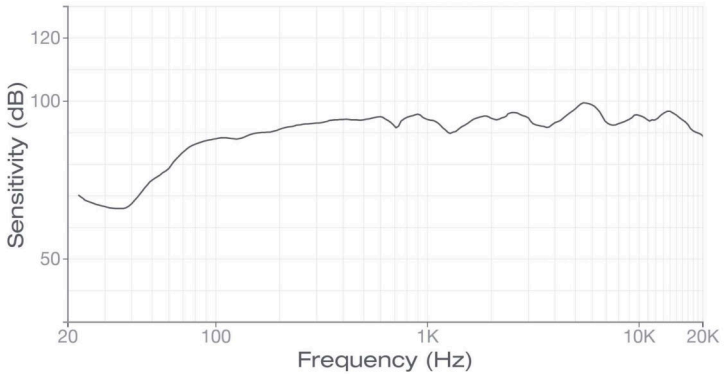


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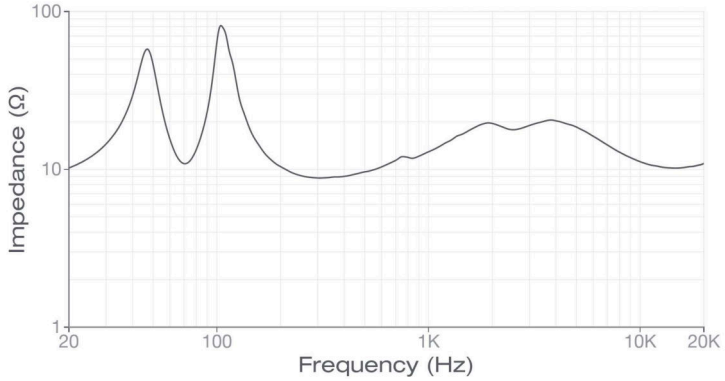
PROTECTION	Temperature range: · Operation: Min: -20 ºC | Max: +60 ºC · Storage: Min: +5 ºC | Max: +30 ºC Humidity: · Operation: < 90% · Storage: < 30%
DIMENSIONS	264 x 300 x 250 mm depth
WEIGHT	8.70 kg

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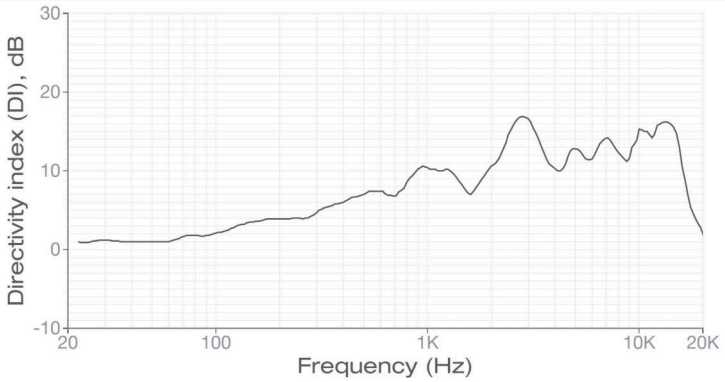
SENSITIVITY (SPL)



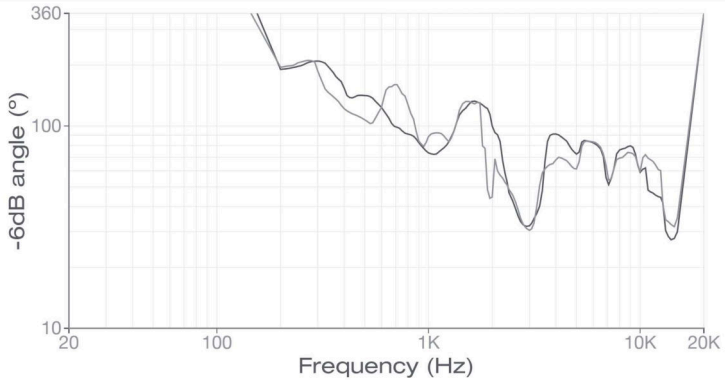
IMPEDANCE



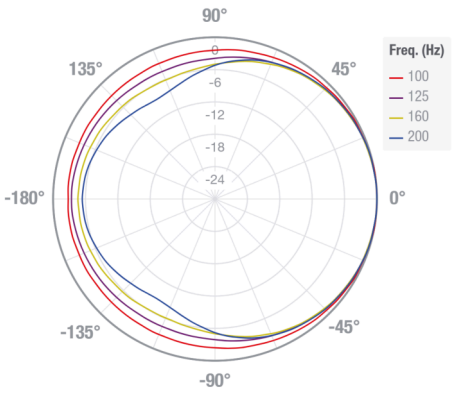
DIRECTIVITY INDEX

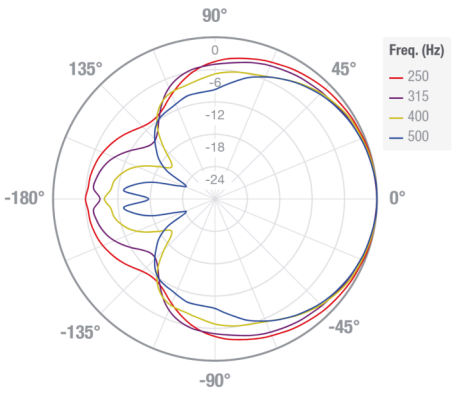


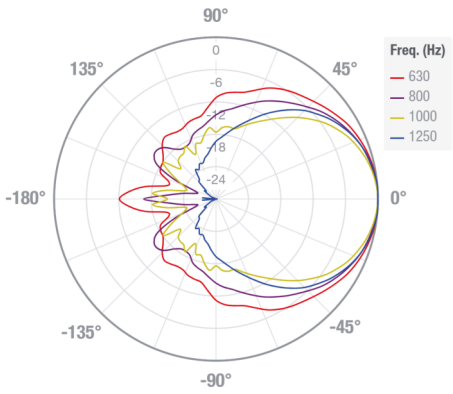
BEAM WIDTH (-6 DB)

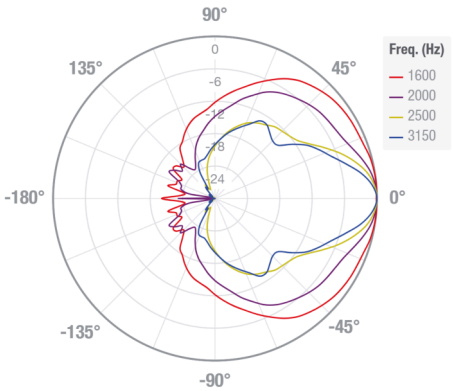


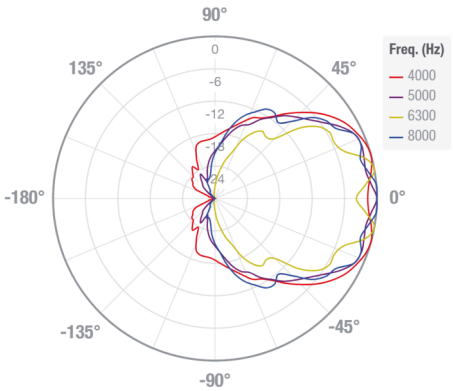
HORIZONTAL POLAR DATA

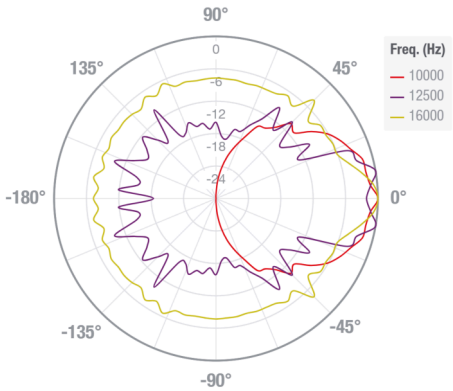




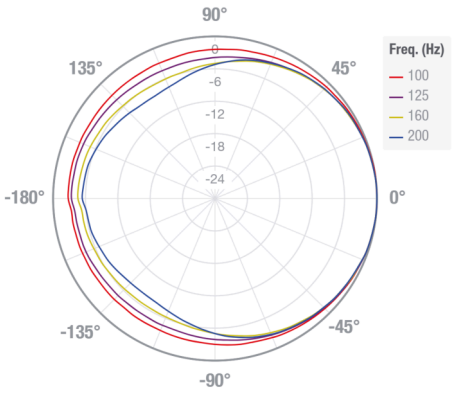


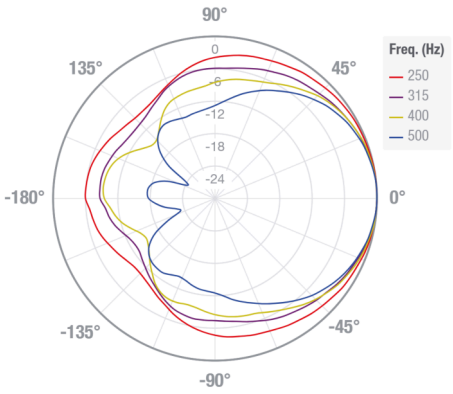


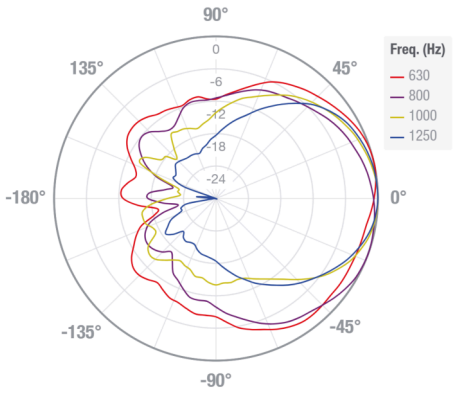


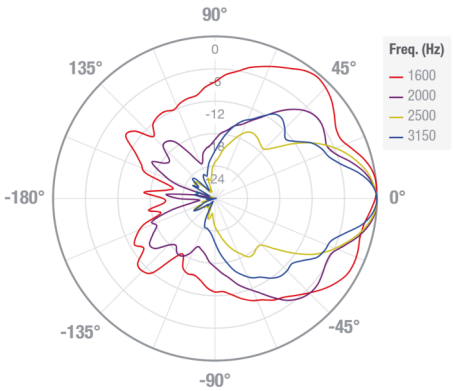


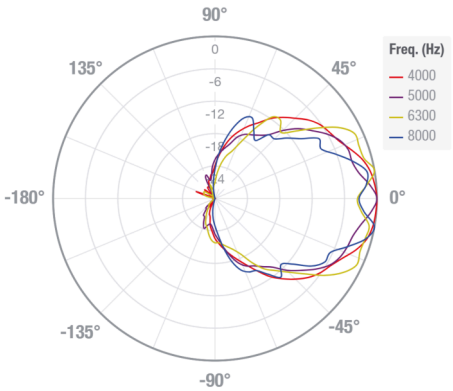
VERTICAL POLAR DATA

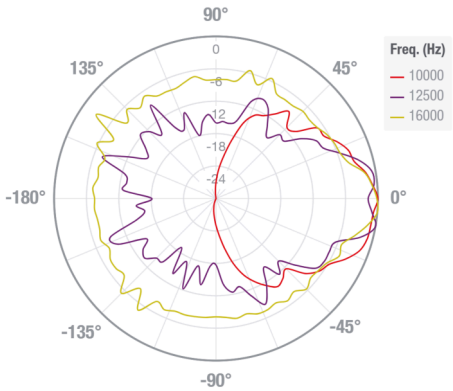


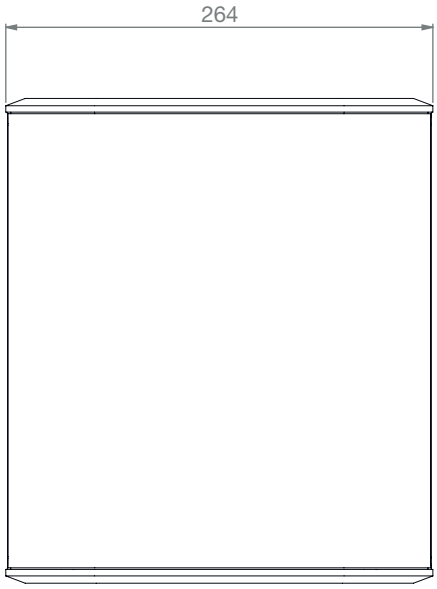


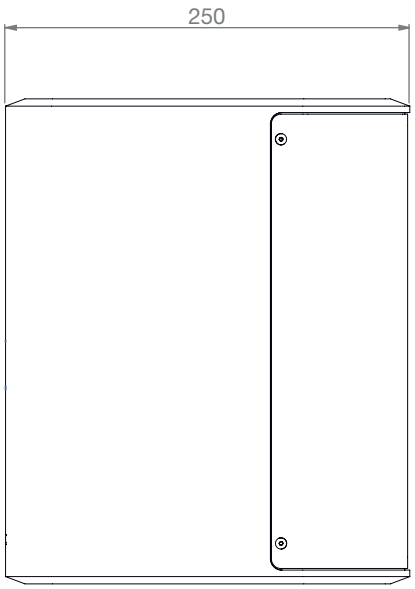


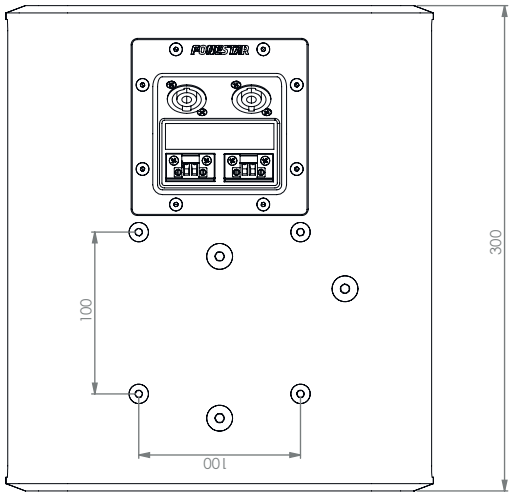







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