HIGH POWER / SPEAKERS / PASSIVE

LIGNUM-12

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-12

ESPECIALLY RECOMMENDED IN:



Hospitality



Sports facilities



Hotels

DESCRIPTION

Passive high-power full-range speaker 12". 1,400 W peak, 350 W RMS @ 8Ohm.

TECHNICAL CHARACTERISTICS

SPEAKER TYPE	2-way speaker with compression driver
TRANSDUCERS	12" woofer: · Pressed paper fiber cone, 170 x 65 mm ferrite magnet, 65 mm copper wire voice coil Compression driver: · 1" throat, resin body with threaded joint and plastic rear cover, 110 x 44 mm ferrite magnet, 44 mm copper wire voice coil
POWER	350 W RMS, 1,400 W peak
RESPONSE	95-18,000 Hz (-6 dB) 75-20,000 Hz (-10 dB)
IMPEDANCE	8 Ohm
SENSITIVITY	100 dB (1W/1m) at 2.83 V
MAX SPL	126 dB continuous, 132 dB peak
DISPERSION	90° H x 90° V (-6 dB)
CROSSOVER	Crossover frequency: 1,700 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. · Enclosure: Birch plywood protected with a sprayed polyurea coating · Built-in bass reflex
ASSEMBLY AND INSTALLATION	· Anchor points for flying (rigging), wall mount and safety: 5 x M8 · VESA 100x100 mount: 4 x M6 · 35 mm hole for subwoofer pole
COLOUR	Black

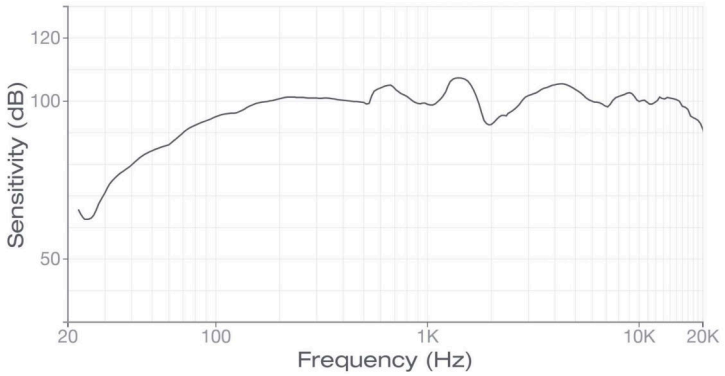


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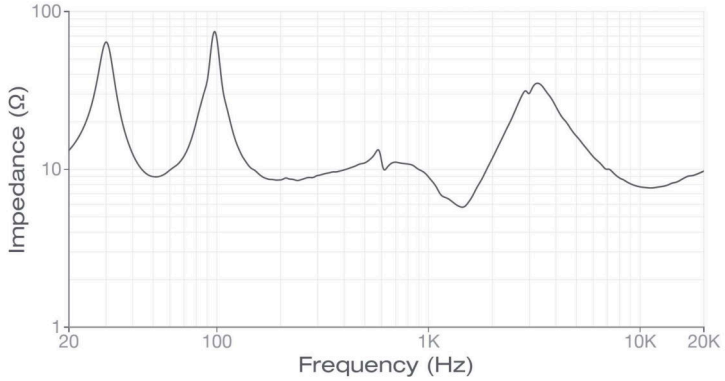
PROTECTION	Temperature range: · Operation: Min: -20 ºC | Max: +60 ºC · Storage: Min: +5 ºC | Max: +30 ºC Humidity: · Operation: < 90% · Storage: < 30%
DIMENSIONS	378 x 430 x 350 mm depth
WEIGHT	15.52 kg

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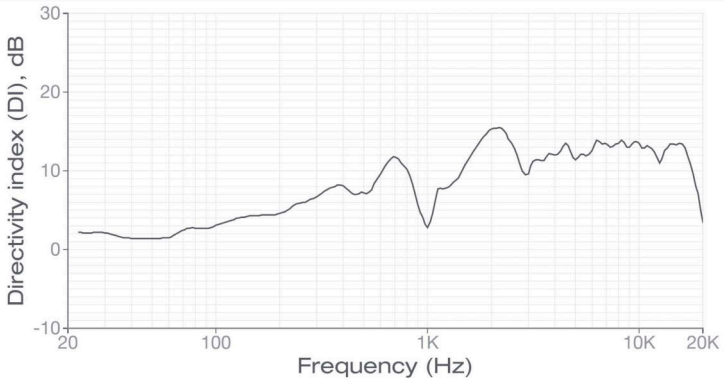
SENSITIVITY (SPL)



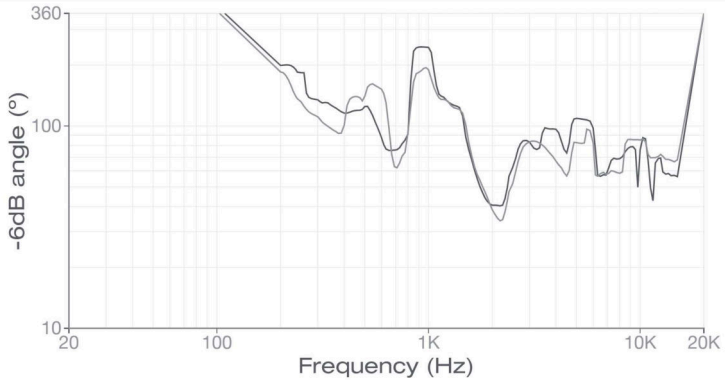
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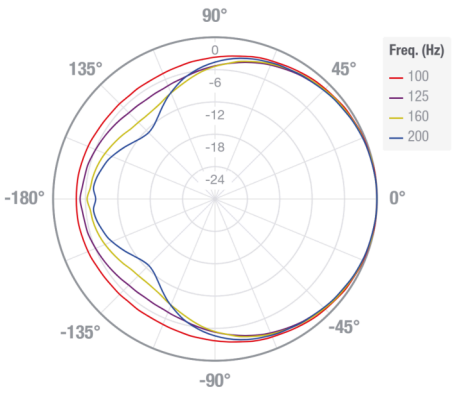
DIRECTIVITY INDEX

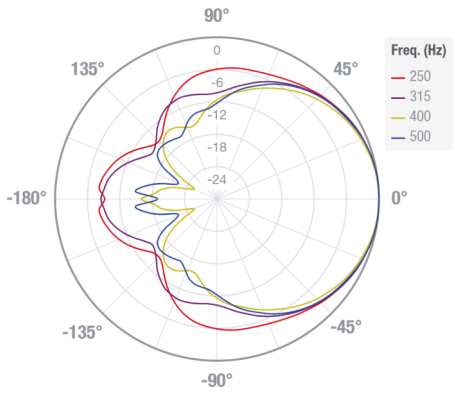


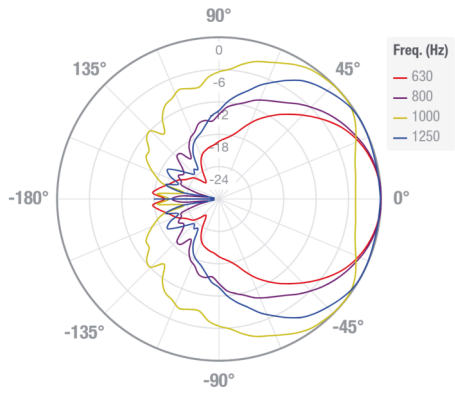
BEAM WIDTH (-6 DB)

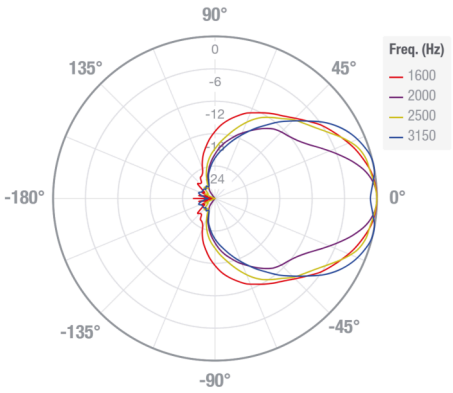


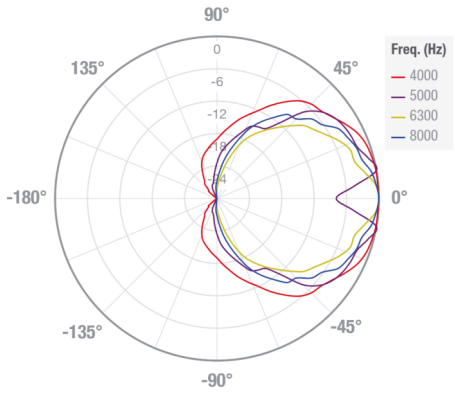
HORIZONTAL POLAR DATA

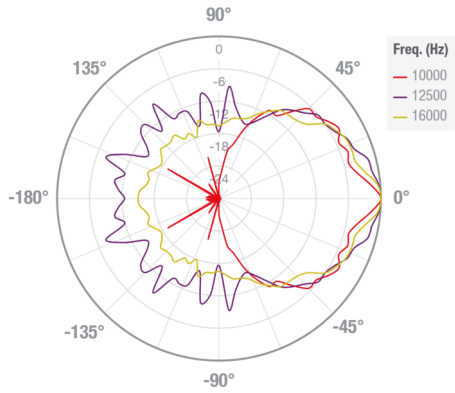




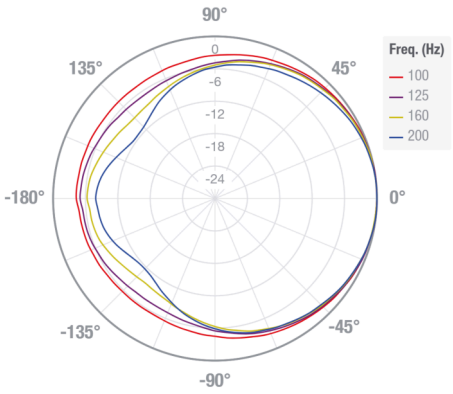


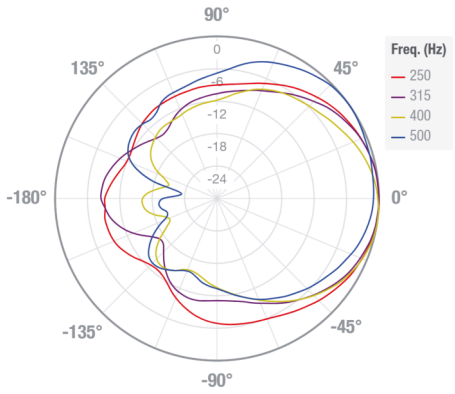


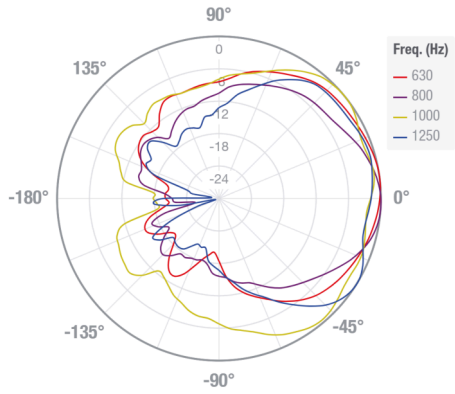


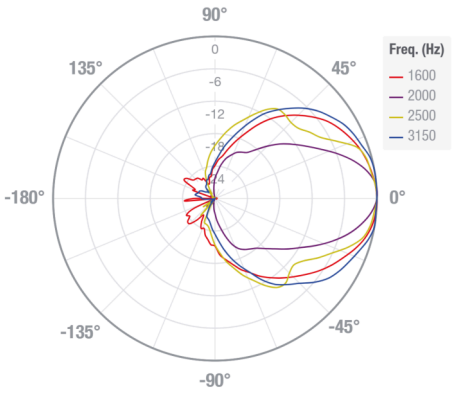


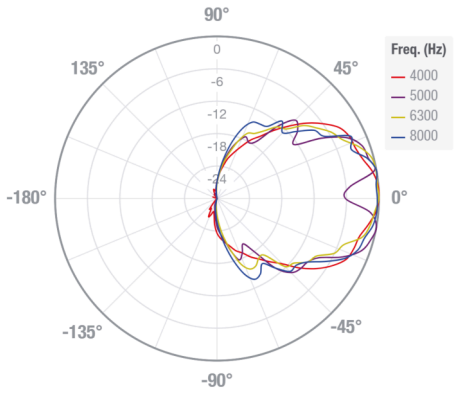
VERTICAL POLAR DATA

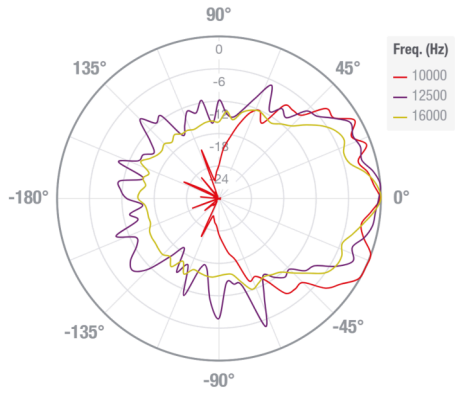


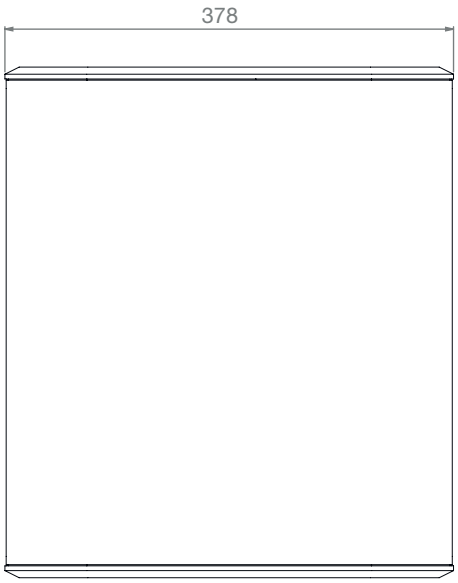


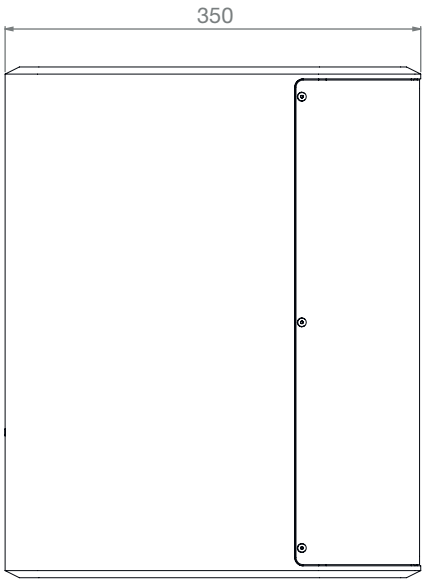


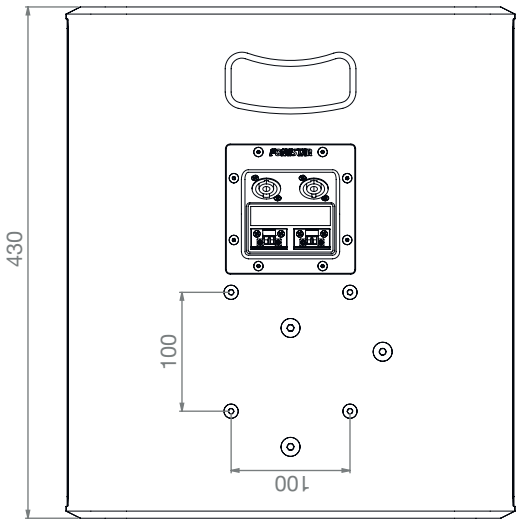







378


350


430
100
100

