HIGH POWER / SPEAKERS / PASSIVE

LIGNUM-8SUB

PASSIVE HIGH-POWER LOUDSPEAKER SUBWOOFER



COMPACT DESIGN · SPEAKON AND EUROBLOCK · EXCLUSIVE DESIGN · HEADROOM LEVEL · HIGH SENSITIVITY · HIGH MAX SPL · PLYWOOD · LOW THD · BASS-REFLEX · SUBWOOFER

- High sensitivity, allowing for considerable volume with lower energy consumption.
- High maximum SPL, ideal for maintaining 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-8SUB

ESPECIALLY RECOMMENDED IN:



Hospitality



Retail



Sports facilities



Hotels

DESCRIPTION

Passive high-power 8" subwoofer speaker. 1,000 W peak, 250 W RMS @ 8Ohm.

TECHNICAL CHARACTERISTICS

TYPE OF SPEAKER	8" subwoofer speaker
TRANSDUCERS	Woofer: 8": · Pressed paper fiber cone, ferrite magnet, 38 mm copper wire voice coil
POWER	250 W RMS, 1,000 W peak
RESPONSE	38-200 Hz (-6 dB) 30-1.000 Hz (-10 dB)
IMPEDANCE	8 Ohm
SENSITIVITY	87 dB (1W/1m) at 2.83 V
SPL MAX	111 dB continuous, 117 dB peak
DISPERSION	Omnidirectional
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
MOUNTING AND INSTALLATION	· Flying (rigging), wall-mount and safety anchoring points: 5 x M8 · VESA mount 100x100: 4 x M6
COLOUR	Black
PROTECTION	Temperature range: · Operation: Min: -20 °C | Max: +60 °C · Storage: Min: +5 °C | Max: +30 °C Humidity: · Operation: < 90% · Storage: < 30%

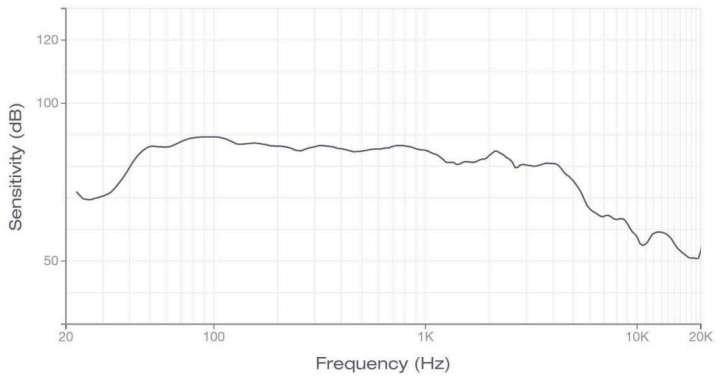


+ Info:
https://fonestar.com/LIGNUM-8SUB

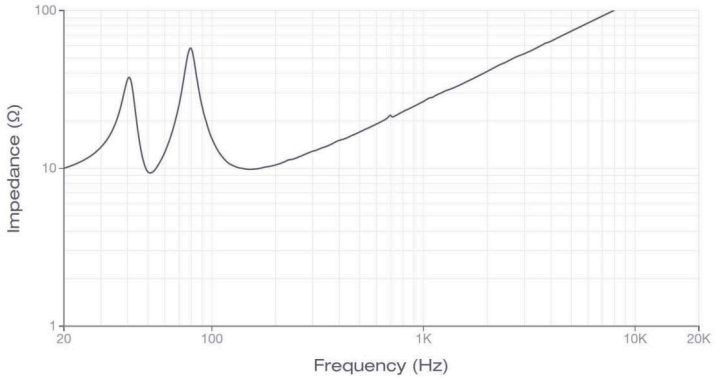
DIMENSIONS	330 x 410 x 308 mm depth
WEIGHT	9.37 kg

+ Info:
https://fonestar.com/LIGNUM-8SUB

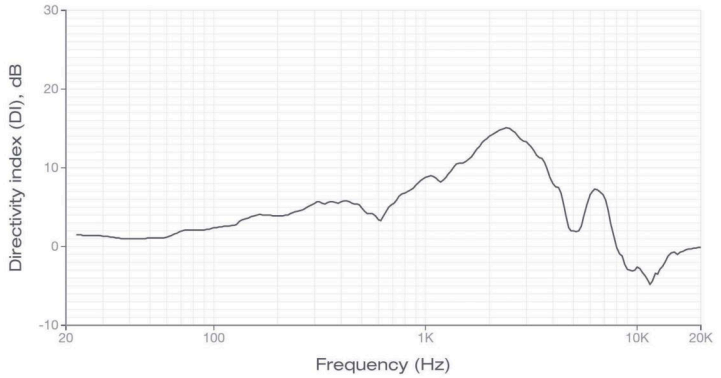
SENSITIVITY (SPL)



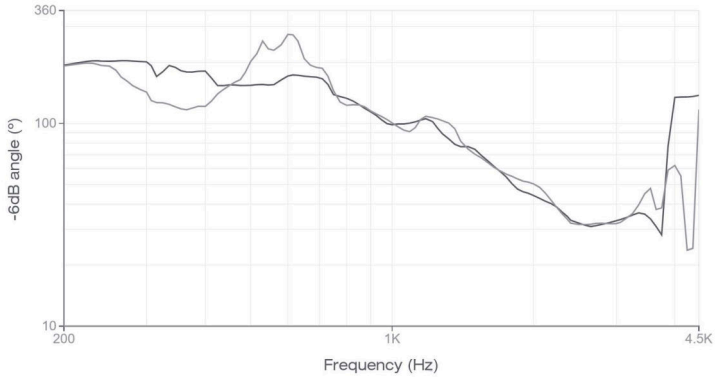
IMPEDANCE



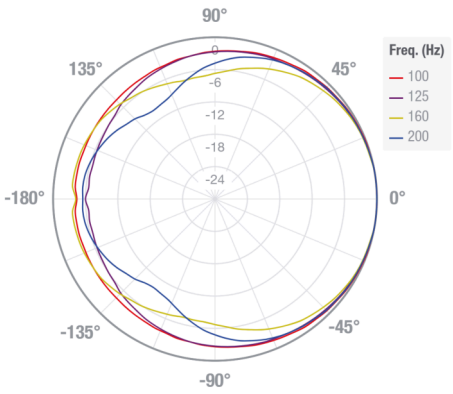
DIRECTIVITY INDEX

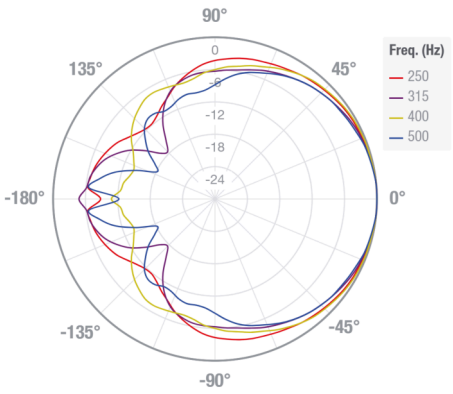


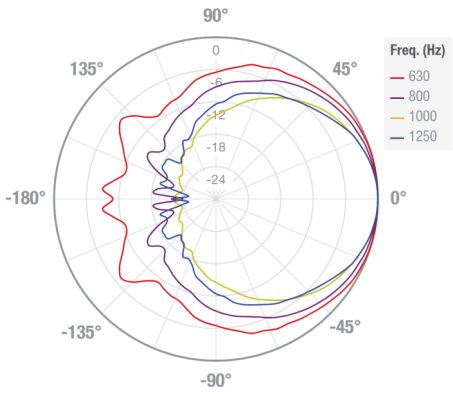
BEAM WIDTH (-6 DB)

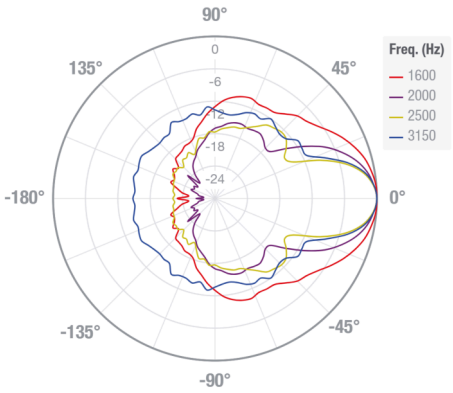


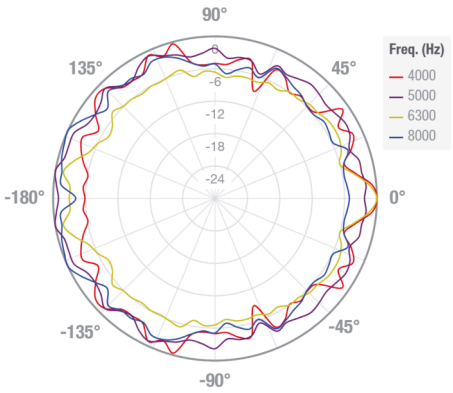
HORIZONTAL POLAR DATA

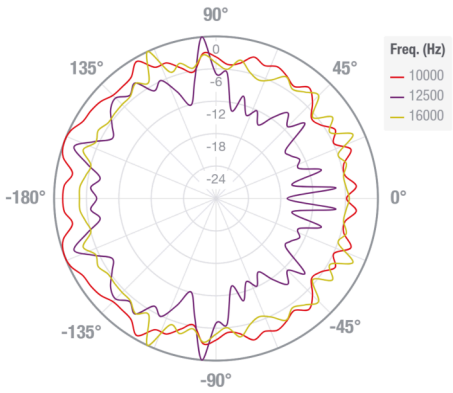




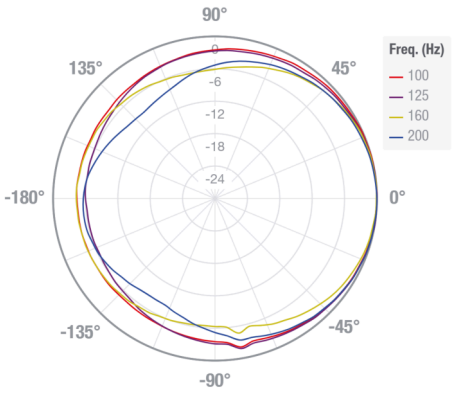


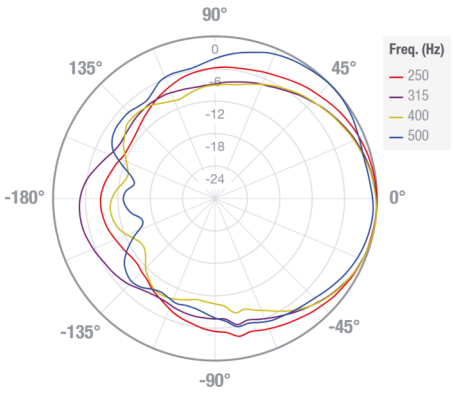


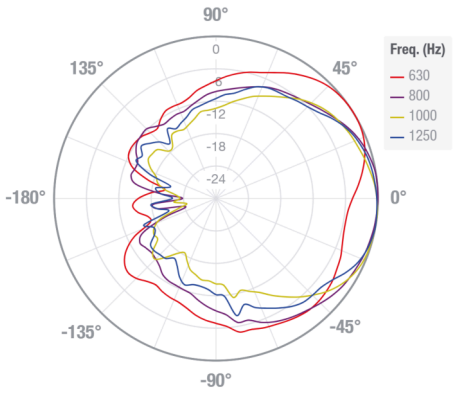


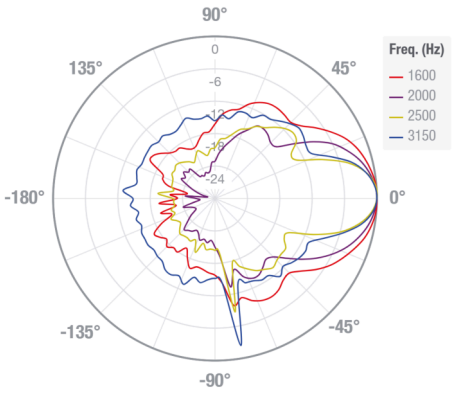


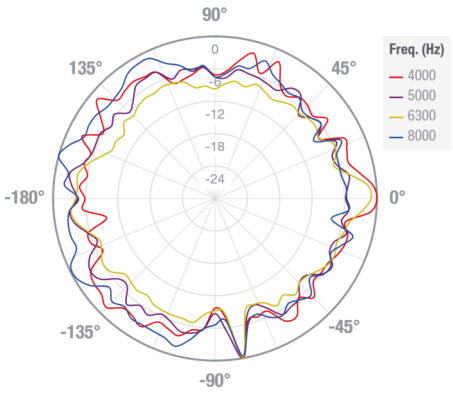
VERTICAL POLAR DATA

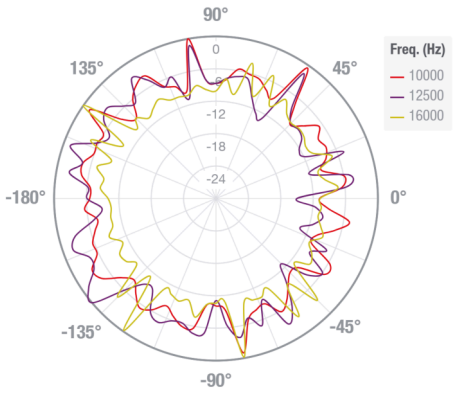


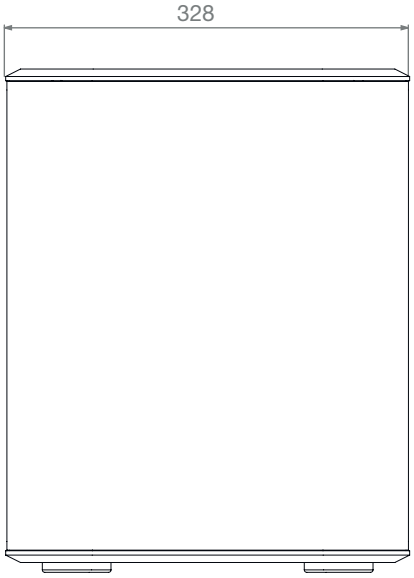


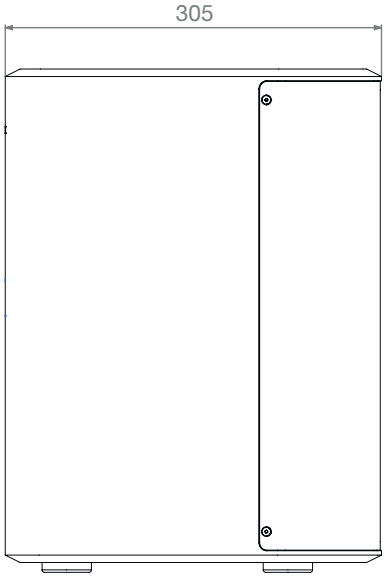


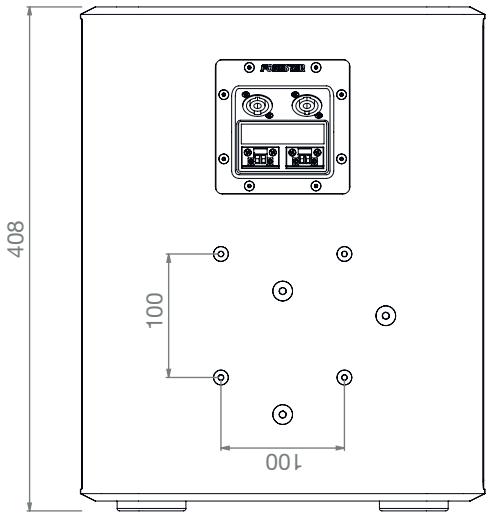







328


305


408
100
100

