

SKU Number: XN1503-SPKR-0000-9315

Description

The Atomik XN 15.0.2 is a 2-way passive full-range loudspeaker, designed for the pro-audio rental and fixed installation markets.

This point source box can be used individually or arrayed with up to 3 boxes into a single spherical point source array.

It features a 1.4" HF driver and a 15" LF driver for low frequencies, making it a high-output enclosure.

For optimal sound reinforcement with high SPL, we recommend using this enclosure with our subwoofers.

Features

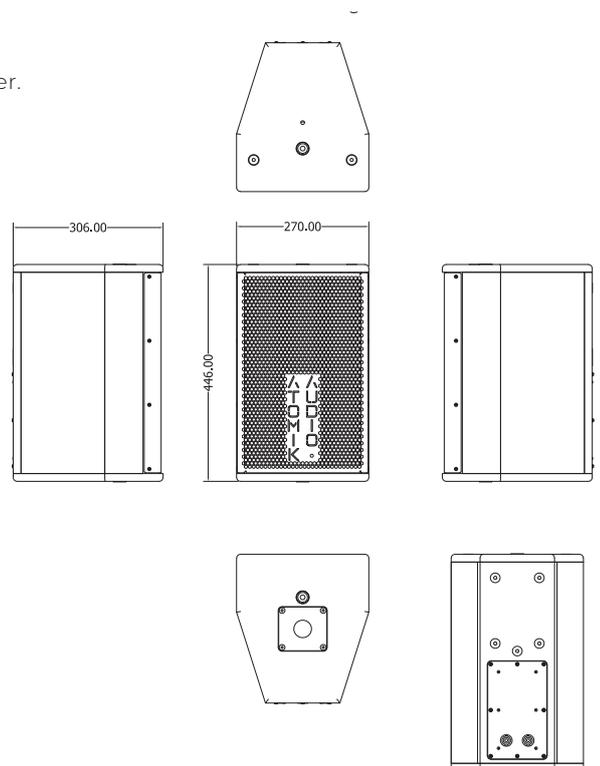
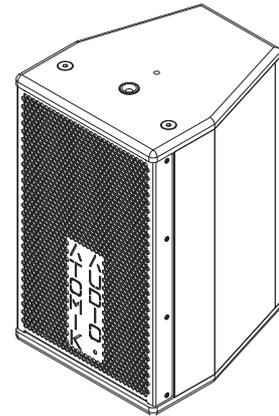
- Very high SPL output.
- Exceptional fidelity & high resolution loudspeaker system.
- Very smooth power response.
- High sensitivity design.
- Dual Neutrik NL4 connectors.
- Easily compatible with the XN 18.0.2 Sub Woofer or the XN 218.0.2 Subwoofer.
- Heavy duty 16mm marine plywood enclosure.
- 2mm thick steel grill with an acoustic micro foam backing.
- 3 x M10 rigging points for easy flying.
- Passive crossover.

Technical specifications

- HF Driver - 1.4" HF ferrite compression driver with a 51.6 mm voice coil and titanium diaphragm.
- LF Driver - 15" LF ferrite driver with a 76.2 mm voice coil.
- HF Horn - 60 x 40 degree nominal coverage pattern, rotatable HF horn.
- Axial Sensitivity - 96.8dB @ 1W/1m
- Maximum SPL - 132.5dB Peak SPL (Measured - AES75-2022 M-Noise)
134.2dB Peak SPL inf (Measured - AES75-2022 M-Noise)
132.5 dB SPL peak, 134.2 dB SPL peak inf (Unweighted)
127.9 dB SPL peak, 134.4 dB SPL peak inf (A weighted)
132.7 dB SPL peak, 134.1 dB SPL peak inf (C weighted)
- Power - Max 500 watts long term continuous / Peak 1000 watts
- Nominal Impedance - 8 ohms passive
- Frequency Response - -3dB 65Hz to 18kHz
- Dimensions in mm & in WxHxD - 436mm x 757mm x 415mm,
17.2" x 29.8" x 16.3"
Weight - 29kg/63.93lbs

Accessories

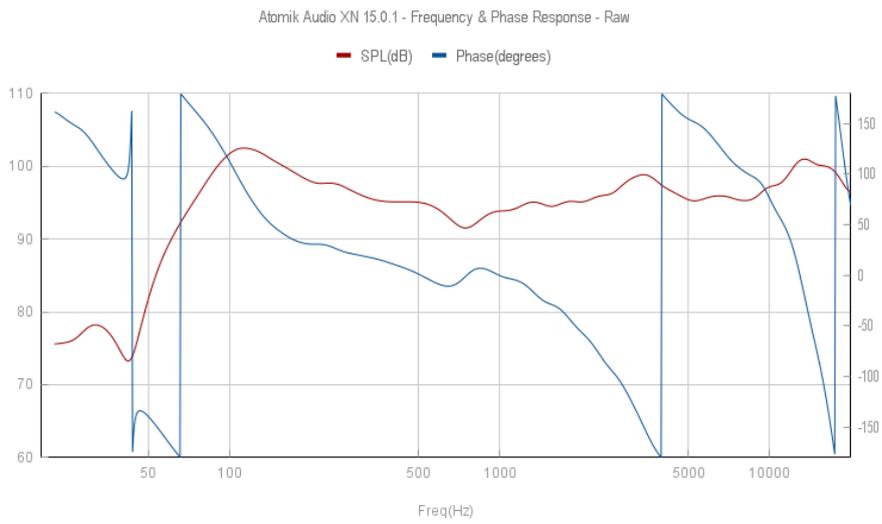
- Top Hat
- Top Hat cover plate
- Eye bolts
- Array frame for 2 x XN 15.0.2 boxes
- Array frame for 3 x XN 15.0.2 boxes
- Rain proof cover



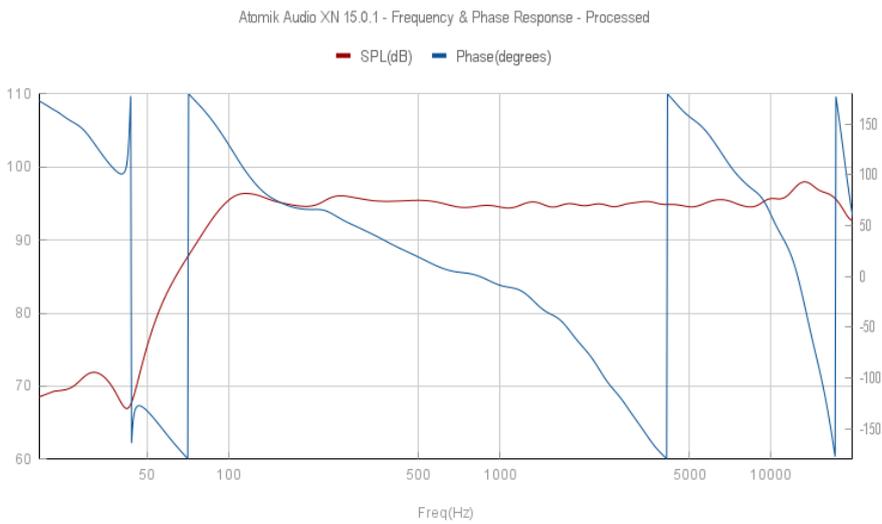
Dimensions in mm

Applications

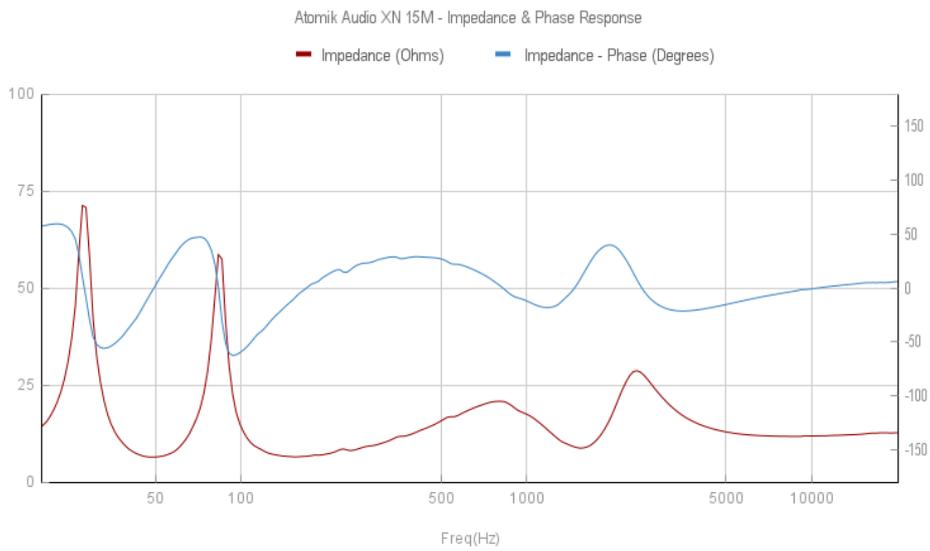
- Rental
- HOW
- Clubs
- Bars
- Restaurants
- Auditoriums



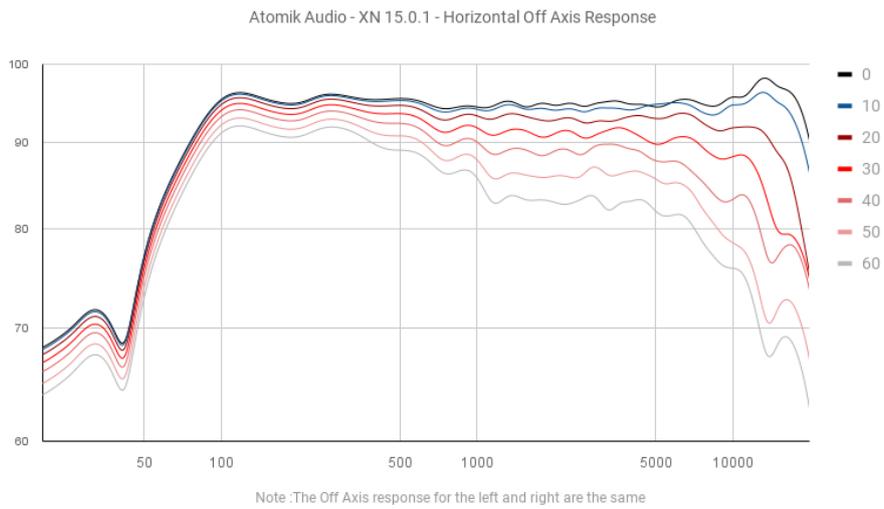
Frequency & Phase Response – Raw



Frequency & Phase Response – Processed

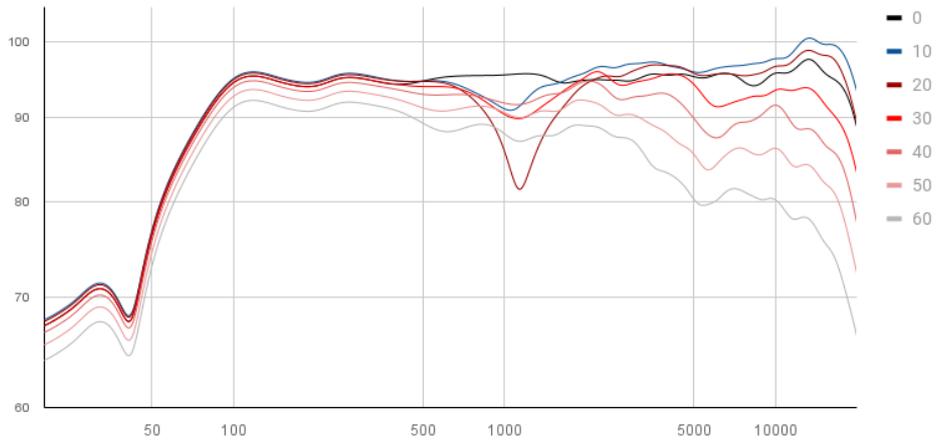


Impedance & Phase Response



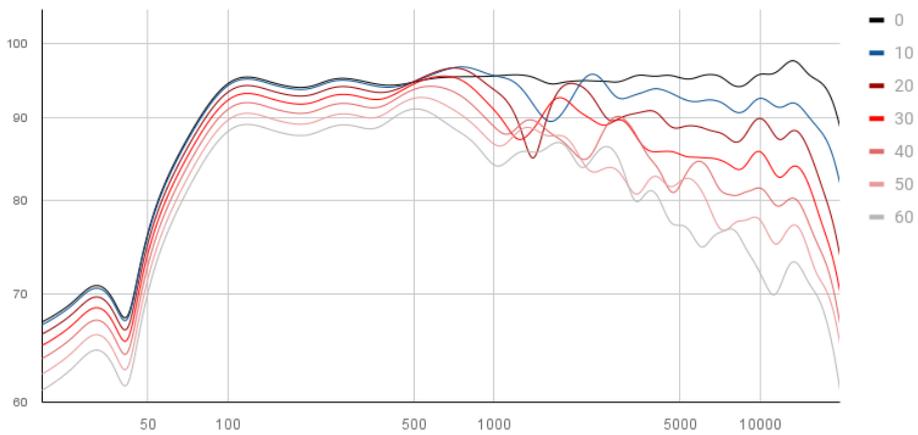
Frequency & Phase Response – Raw

Atomik Audio - XN 15.0.1 - Vertical - Top Off Axis Response



Frequency & Phase Response – Processed

Atomik Audio - XN 15.0.1 - Vertical - Bottom Off Axis Response



Impedance & Phase Response