

TOWER LF44

LOW FREQUENCY EXTENSION COLUMN ARRAY LOUDSPEAKER



FEATURES

- Compact Build
- High SPL – up to 125 dB
- Bass response down to 73 Hz
- IP55 + Salt Water Resistant

APPLICATIONS

- Houses of Worship
- Theaters
- Entertainment Venues
- Outdoor Systems

DESCRIPTION

Tower LF44 is a compact, high powered enclosure, designed to supplement the low-frequency response in arrays of LCC44 and LCC84 units. It incorporates four 4" low-frequency drivers to help fill out the bottom end in suspended arrays of the full-range Tower column enclosures, bringing the overall system response down to 73 Hz. In order to simplify mechanical compatibility and maintain uniform, discreet esthetics in combined arrays, LF44 is externally identical to the Tower LCC44 unit, while adding to the array only a little over half of the weight per unit as the cardioid full-range enclosure. The LF44 uses a single independent amp channel with a dedicated, proprietary DSP preset.

LF44 incorporates the proprietary Tower Rigging System, which allows it to be integrated into flown arrays of LCC units, with variable splay angles. It can also be deployed independently on a wall mount.

SPECIFICATIONS

Audio Specifications

- Description:** Low Frequency extending element for Tower System
- Bandwidth:** 70 Hz - 200 Hz (-6 dB preset dependent)
- Max SPL:** 125 dB SPL @ 1 m w/ preset (1 speaker)
- Power:** 560 watts (program), 280 watts (AES)
- Directivity:** Omnidirectional
- Elements:** (4) 4" low frequency driver
- Impedance:** 8 Ω
- Connectors:** (4) NL4 each allowing for audio inputs and linking, (3) Neutrik NDL dummyPLUGs

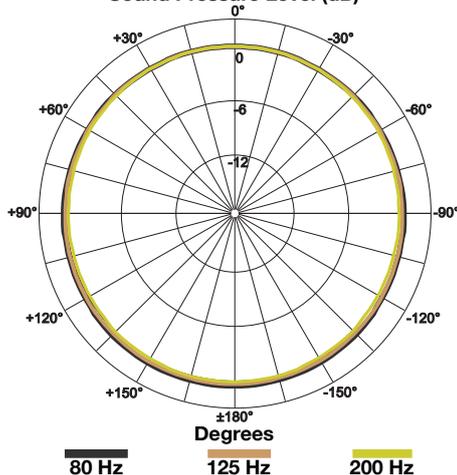
Mechanical Specifications

- IP Rating:** IP55 indoor/outdoor and salt water resistant
- Rigging:** Proprietary rigging elements and fly bars -3°, 0°, +3°; (14) available M6 points
- Weight:** 13.2 lbs / 6 kg
- Construction:** Finland birch plywood (urea glue), stainless steel internal structure, matte salt and UV resistant coating, 316 stainless steel hardware, 3D spacer mesh fabric
- Dimensions:** 17.8" (452 mm) x 6.3" (160 mm) x 9.5" (240 mm)
- Colors:** Stocking black and white, custom colors and fabrics available
- Accessories:** LCC44 Wall Bracket, Tower Rigging System, Fly Bar (Long & Short)

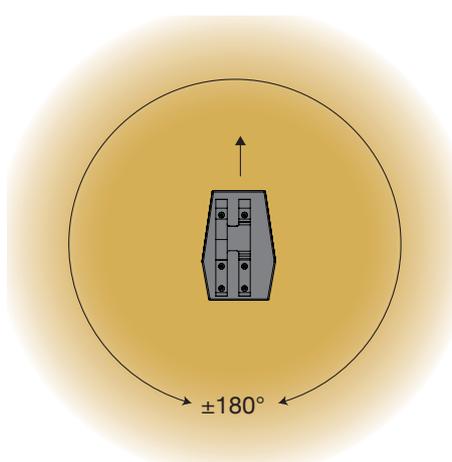
DIRECTIVITY

Horizontal Polar Plot

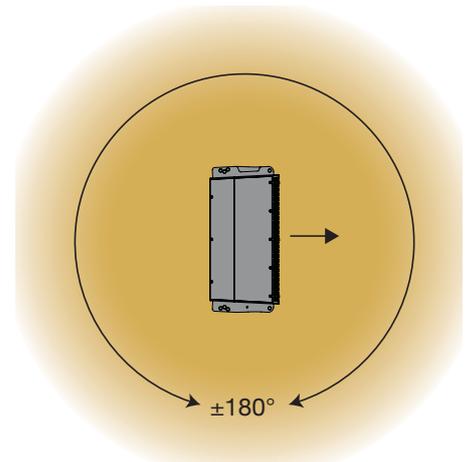
Sound Pressure Level (dB)



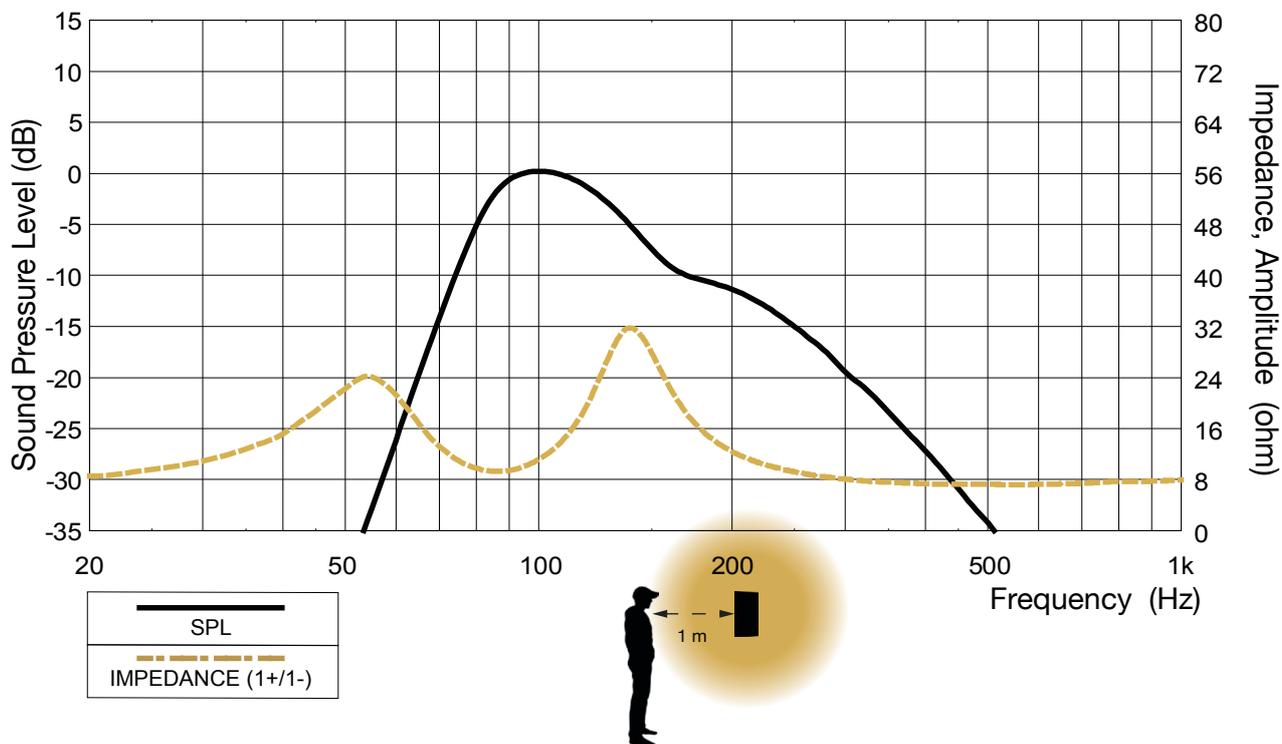
Horizontal Coverage



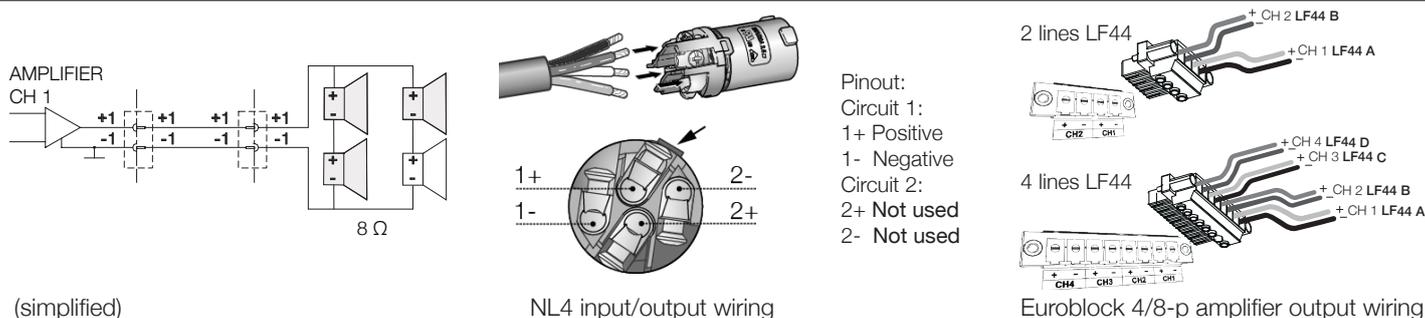
Vertical Coverage



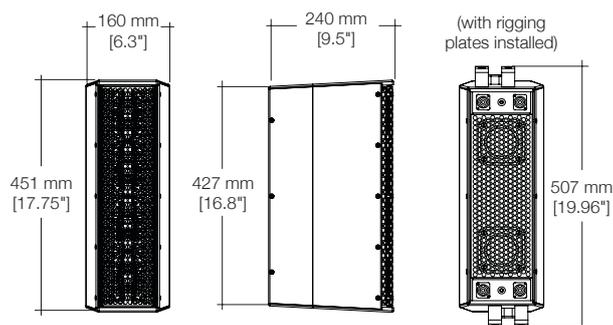
FREQUENCY RESPONSE



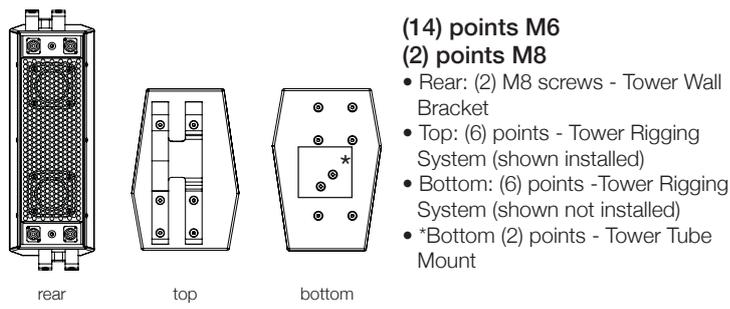
WIRING



DIMENSIONS



RIGGING



ACCESSORIES



Contact

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Warranty

All manufactured 1 SOUND products are warranted to be free from defects in materials or workmanship for a period of 3 years from original purchase. If there is specific hardware or grilles you might want replaced or any repairs needed please contact your region's authorized 1 SOUND distributor.

