



FEATURES

- Clarity Technology©
- Freestanding, Wall, or Array Deployment
- Cardioid Directivity / Rear-Cancellation
- Compact Build
- High SPL
- IP55 + Salt Water Resistant

APPLICATIONS

- Restaurants
- Lounges
- House of Worship
- Theaters
- Entertainment Venues
- Outdoor System

DESCRIPTION

Tower LCC44 is a compact, high powered cardioid line array element. It Features Clarity Technology©, a proprietary high frequency technology built around four 4" coaxial transducers and three additional rear 4" full-range transducers unit, that provide a cardioid dispersion pattern with -20 dB rear cancellation.

The Towers can be deployed independently – on a pole stand or a wall mount bracket – or can be combined to create long column arrays using the proprietary Tower Rigging System. Each LCC44 unit requires two amplifier channels operating with a dedicated DSP.

SPECIFICATIONS

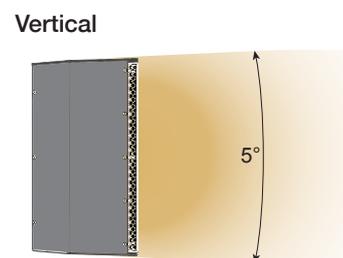
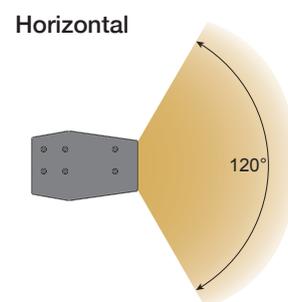
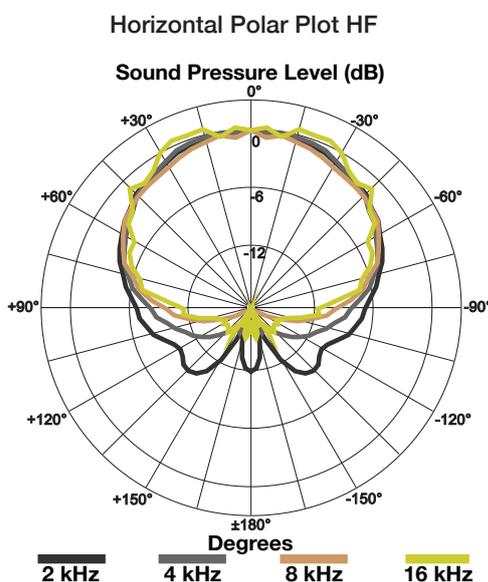
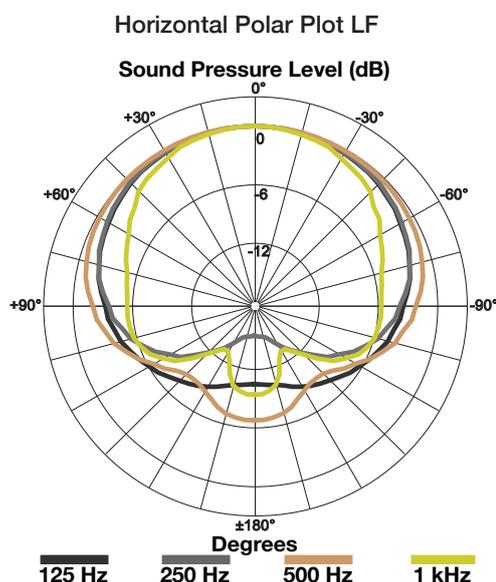
Audio Specifications

- Description:** Cardioid line array column featuring Clarity Technology© high frequency
- Bandwidth:** 105 Hz - 18 kHz (-6 dB)
- Max SPL:** 123 dB SPL @ 1 m w/ preset (1 speaker)
- Power:** 800 watts front + 400 watts rear (program), 400 watts + 200 watts (AES)
- Directivity:** 120° horizontal, 5° top and bottom
- Elements:** (4) 4" coaxial each with a 1.4" compression driver, (3) 4" rear-facing full range
- Impedance:** 16Ω front speakers, 24 Ω rear speakers
- Connectors:** (4) NL4, 1+1- front, 2+2- rear, each allowing for audio inputs and linking, (3) Neutrik NDL dummyPLUGs

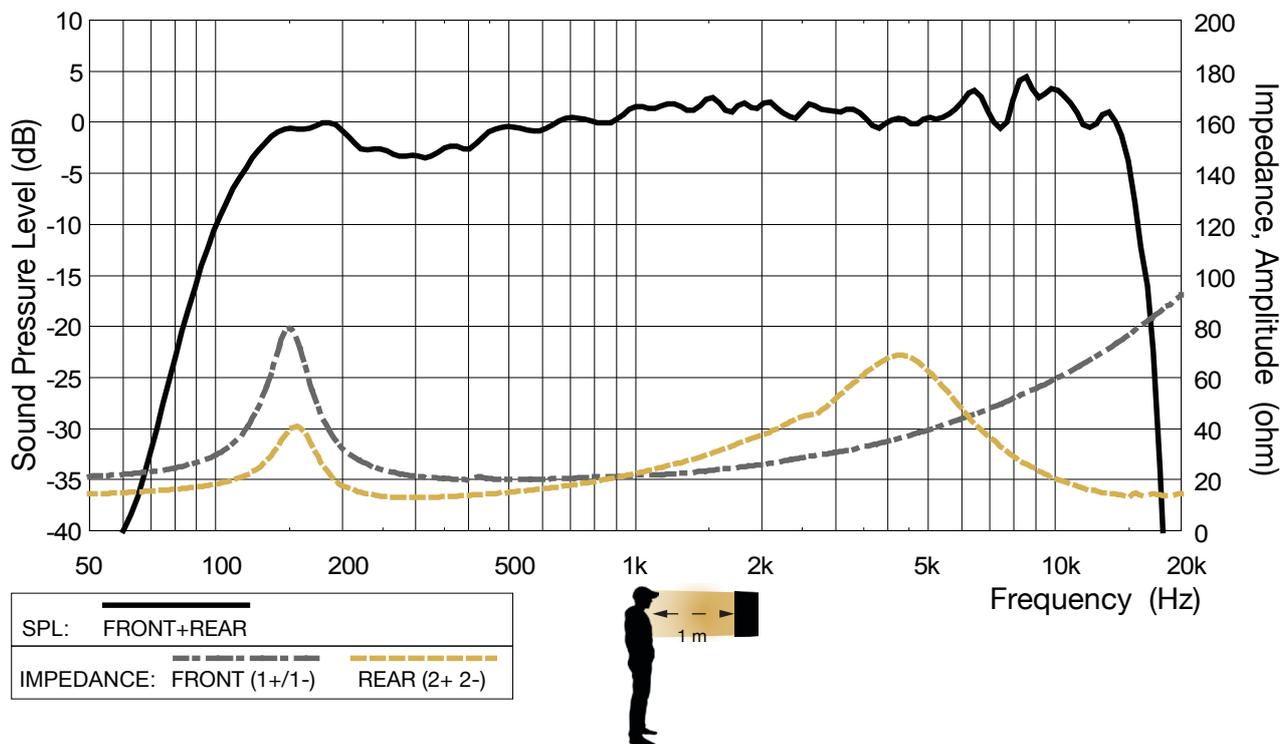
Mechanical Specifications

- IP Rating:** IP55 indoor/outdoor and salt water resistant
- Rigging:** Proprietary rigging elements and fly bars -3°, 0°, +3°, +6°, +9°; (14) available M6 points
- Weight:** 22 lbs / 10 kg
- Construction:** Finland birch plywood (urea glue), structural stainless steel interior, polyurea, 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 Tube Mount, Tower Rigging System, Fly Bar (Long & Short), Active Speaker Stand & Tubes (37.4", 57", 70")

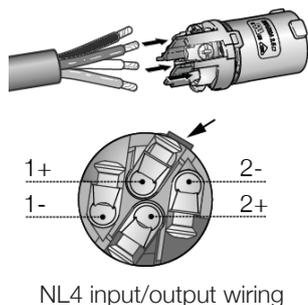
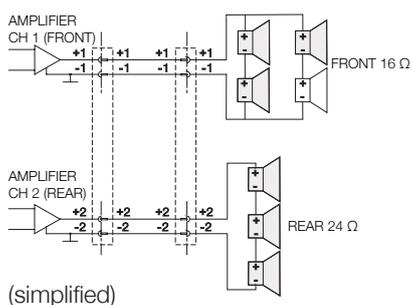
DIRECTIVITY



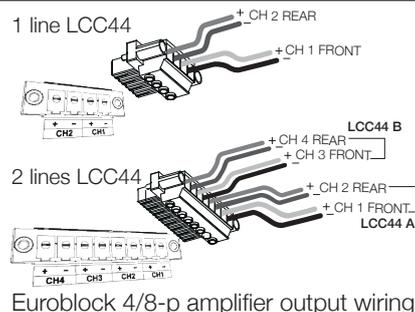
FREQUENCY RESPONSE



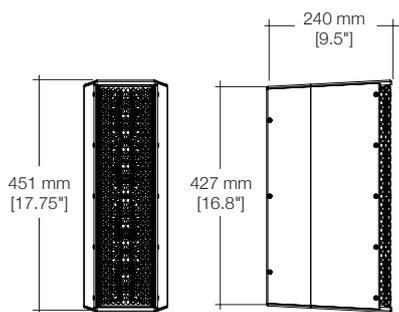
WIRING



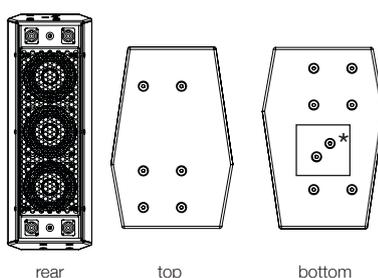
Pinout:
 Circuit 1 (front-facing):
 1+ Positive
 1- Negative
 Circuit 2 (rear-facing):
 2+ Positive Full Range
 2- Negative Full Range



DIMENSIONS



RIGGING



- (14) points M6
 (2) points M8
- Rear: (2) M8 screws - Tower Wall Bracket
 - Top: (6) points - Tower Rigging System
 - Bottom: (6) points - Tower Rigging System
 - *Bottom (2) points - Tower Tube Mount

ACCESSORIES



Contact

For more product or service information please contact the 1 SOUND headquarters.

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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.

