



FEATURES

- Two 8" tetracoil low frequency drivers
- One 8" coaxial transducer with a proprietary horn
- Progressive horizontal directivity
- Low-profile, lightweight and discreet
- IP55 + Salt Water Resistant

APPLICATIONS

- Touring
- Theaters
- Clubs

DESCRIPTION

The CM38 is a high-performance, low-profile stage monitor with a bi-amplified, three-way system that generates a cardioid directivity pattern. It is equipped with two 8" tetracoil woofers, plus a central 8" coaxial transducer with a 3" voicecoil for the low-frequency element and a 2" voicecoil for the incorporated titanium-diaphragm HF element. All the transducers feature neodymium magnets for reduced weight. The HF transducer in the coaxial unit is coupled with a proprietary wave guide, which offers excellent coherence of attenuation over distance between the high end and the low end of the spectrum. The asymmetrical design of the wave guide creates a diffusion pattern that goes from 80° for a listener standing near or above the monitor, narrowing down to 40° as it throws across the stage. To further help clean up the sound on stage and direct the energy to where it is needed, the coaxial unit and the two woofers are loaded in such a way as to reduce emissions towards the sides and rear of the enclosure all the way down to the lowest end of its passband. Thanks to a non-resonant chamber, the low-, mid- and high-frequency components work together in optimal conditions to deliver a tight, punchy sound and clear intelligibility to the listener, while achieving outstanding SPL with respect to its size.

CM38 features a recessed connection panel with a raised channel along the rear of the cabinet bottom to protect connections and facilitate clean cable management. For flush wall and ceiling installation, a recessed mounting bracket is available. This bracket remains completely concealed behind the cabinet when it is installed.

SPECIFICATIONS

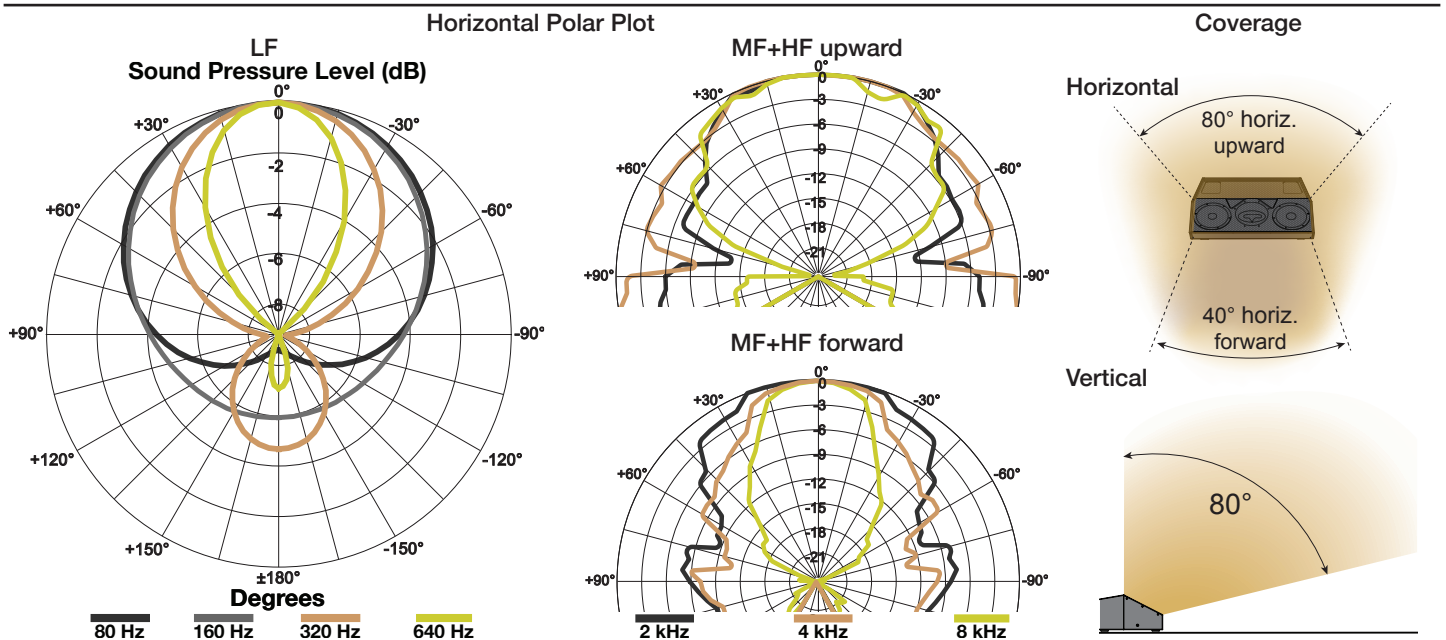
Audio Specifications

- Description:** Bi-amplified, 3-way, high-powered progressive horn floor monitor with cardioid behavior
- Bandwidth:** 70 Hz – 18 kHz (-6 dB)
- Max SPL:** 130 dB SPL @ 1 m with preset
- Power:** 1400 W (LF) + 800 W (MF+HF) (program)
700 W (LF) + 400 W (MF+HF) (AES)
- Directivity:** 80° vertical (+30°/-50° with respect to the baffle)
40° to 80° horizontal (progressive)
- Elements:** (2) 8" low frequency drivers, (1) 8" coaxial driver
- Impedance:** Bi-amp 8 Ω + 8 Ω
- Connectors:** (2) NL4

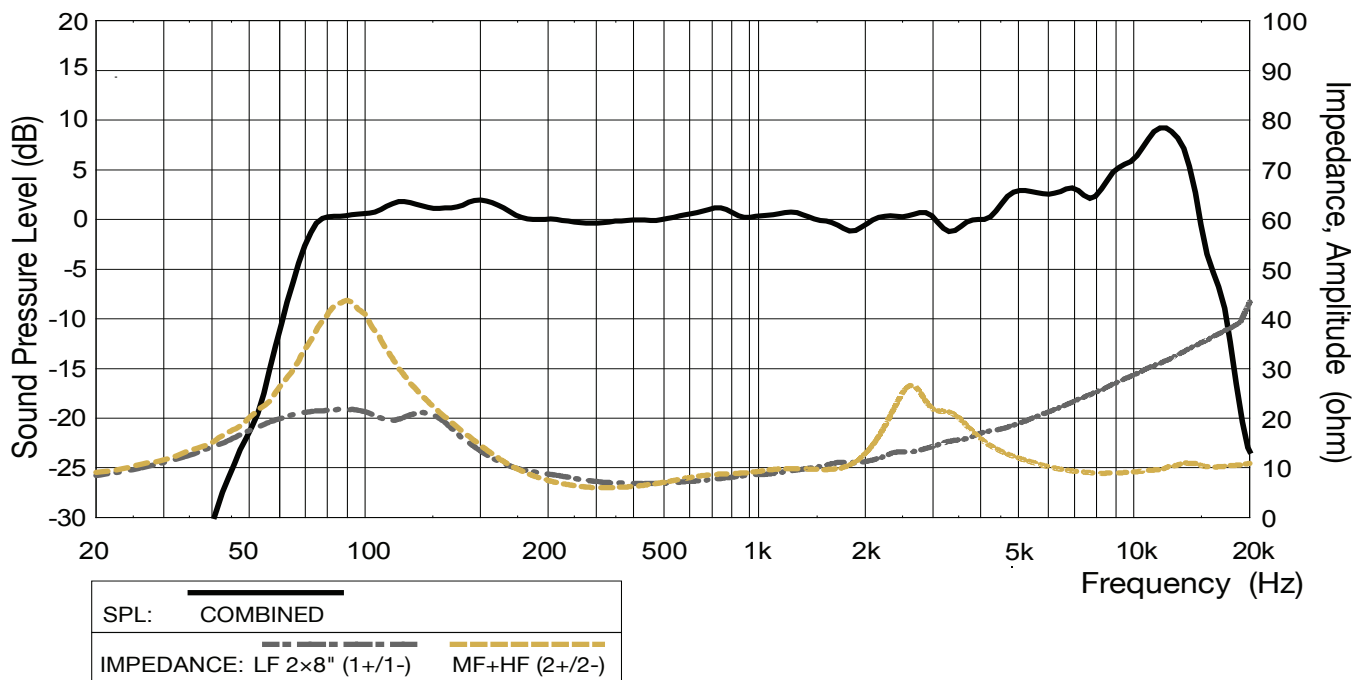
Mechanical Specifications

- IP Rating:** IP55 indoor/outdoor and salt water resistant
- Rigging:** (2) M6 points (only for bracket accessory) and (4) M8 points
- Weight:** 40 lbs / 18.2 kg
- Construction:** Finland birch plywood (phenolic resin), three coats of polyurea, matte salt and UV resistant coating, A4 (316) stainless steel hardware, 3D spacer mesh fabric
- Dimensions:** 27.6" (700 mm) x 16.1" (408 mm) x 8" (204 mm)
- Colors:** Stocking black and white, custom colors and fabrics available
- Accessories:** Recessed Mounting Bracket

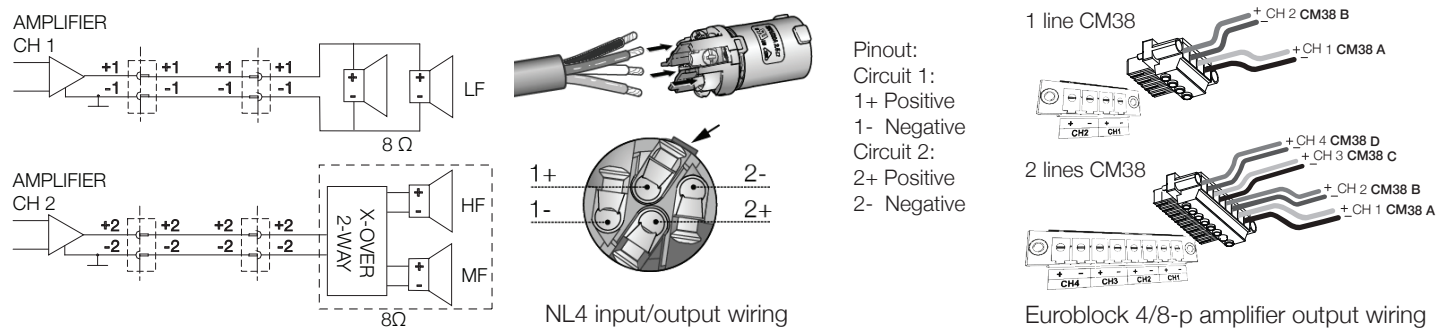
DIRECTIVITY



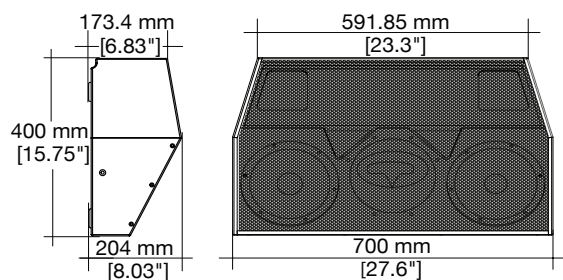
FREQUENCY RESPONSE



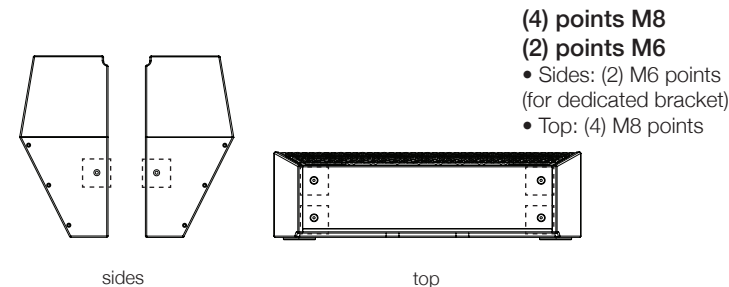
WIRING



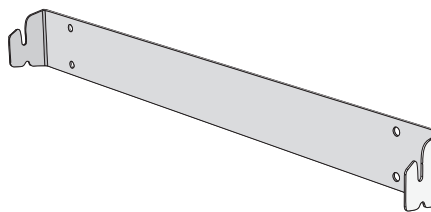
DIMENSIONS



RIGGING



ACCESSORIES



Invisible Wall Bracket

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.

