

RSH-462

Exponential Focused Array™ Horn System



APPLICATIONS

- Voice alert systems
- Large public gatherings
- Industrial paging
- Tone signaling

FEATURES

- Four 2-inch (51mm) throat exit drivers
- High efficiency
- High power output
- Non-metallic diaphragms
- Highly resistant to harsh environments
- FocusedArray™ technology
- IP65W rating
- Weather-resistant mounting bracket included

The RSH-462 is a complete horn/driver system designed for use in stand-alone voice-range sound reinforcement and announcement/signaling applications.

The horn portion of the assembly is a precision molded handcrafted one-piece patented FocusedArray™ wave-guide engineered for optimum performance. With substantial multilayer glass composite layering and integral throat and driver flange construction, the horn is built to withstand significant shock and wind loads. The inherent strength and rigidity of the construction enhances sonic efficiency by preventing energy loss and parasitic resonance, as well as providing an inherently weather-resistant installed loudspeaker system.

The four M200 compression drivers are high output, high sensitivity compression loudspeakers that are configured with the diaphragm sealed in the horn throat, isolating the voice coil and magnetic structure of each driver from the environment. The one-piece, non-metallic diaphragm/suspension offers exceptional resistance to the effects of humidity, dust, and corrosive or acidic atmosphere. The large area, low compression phase plug in the M200 driver and large magnet structure contribute to the extremely low distortion at high output levels while maintaining high efficiency and low power compression. A fiberglass rear cover protects the drivers from the effects of weather and corrosion. A robust, locking galvanized steel mounting bracket assembly is included with the loudspeaker system.

Model	Drivers	Operating Range	Sensitivity	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
RSH-462	MF 4 x 2"	400 Hz - 8 kHz	118 dB	750W	11 ohms	60° x 20°	28.5 x 24.5 x 22.5 in. (724 x 622 x 572 mm)



NASA Space Shuttle Launch Pad, Cape Canaveral, Florida, USA