



R-SERIES

LOUDSPEAKERS FOR EMERGENCY MANAGEMENT,
HIGH LEVEL COMMUNICATIONS AND ALERTING SYSTEMS



R-Series

COMMUNICATE WITH CONFIDENCE



R.25
Two-way, full-range
100 Hz to 16 kHz
LF 1 x 8", HF 1 x 3/4"
IP55W*



R.5
Two-way, full-range
85 Hz to 16 kHz
LF 1 x 12", HF 1 x 1"
IP55W*



R.5HP
Three-way, full-range
85 Hz to 16 kHz
LF 1 x 12", MF 1 x 2", HF 1 x 1"
IP55W*



R1
Two-way, full-range
90 Hz to 16 kHz
LF 1 x 12", HF 1 x 1"
IP55W*



R2
Three-way, full-range
70 Hz to 16 kHz
LF 2 x 12", MF 1 x 2" HF 1 x 1"
IP55W*
Model R2-52Z features MF 2 x 2"



R6-51
Three-way, full-range
50 Hz to 16 kHz
LF 6 x 12", MF 6 x 2" HF 6 x 1"
IP55W*



RMG-200A
Voice-range horn system
400 Hz to 8 kHz
MF 1 x 2"
IP65W*



RSH-462
FocusedArray™ horn system
400 Hz to 8 kHz
MF 4 x 2"
IP65W*

*A minimum 5 degree downward aiming angle is recommended.

The Community R-Series leads the industry in high-performance all-weather professional loudspeakers. When the industrial grade R2 was introduced in 1998, it became an important advance in outdoor sound systems. For the first time, high quality voice reproduction and music performance normally associated only with indoor systems were now available for outdoor use. Since then, the R2 has been installed in sports facilities all over the United States, as well as in NFL and Olympic venues worldwide. The R-Series family has been expanded to include compact weather-resistant models, large bass horns and high SPL voice range announcement systems.

What sets the R-Series apart?

High Intelligibility. All Community R-Series loudspeakers are highly intelligible. In any public area, college campus or large venue, intelligibility becomes critical amidst the panic of a dangerous situation or sudden evacuation. With the R-Series, instructions come through loud and clear in all types of emergency communications.

Versatile Performance. The R-Series features tightly controlled dispersion patterns and long projection distances. The "throw distance" of an RSH-462, for example, is over 240 yards (218 meters) at 96 decibels, much longer than that of conventional paging horns. At the same time, tight pattern control allows the sound to travel only where it is directed and away from neighboring areas.

Weather-Resistant Construction. All R-Series loudspeakers are proven leaders in outdoor performance. From local athletic fields to college campuses to water parks to NASCAR motor speedways, R-Series loudspeakers are utilized for their high quality speech and music reproduction coupled with unquestioned product longevity. All R-Series are built to



R.5 loudspeakers are strategically placed around the city of Venice as part of its flood warning and evacuation system.

EMERGENCY MANAGEMENT, HIGH LEVEL COMMUNICATIONS AND ALERTING SYSTEMS

withstand the toughest and most extreme weather conditions imaginable. These loudspeakers are commonly used on ski slopes and winter resorts, as well as on beaches and Caribbean cruise ships.

Though designed to handle harsh environments, R-Series is the perfect choice for many less demanding conditions as well, as evidenced by the vast number of units installed in convention centers, gymnasiums, airports and other indoor venues. With 22 models to choose from, ranging from short throw with wide coverage angles to ultra-narrow, long throw systems, the task of designing an acoustically and economically effective sound system for entertainment and mass notification systems has never been easier.

Smaller R-Series products are rotationally molded of polyethylene, while the larger models are built from hand-laid glass fiber composites. All medium and long throw R-Series systems feature horn loading in all frequency bands. The acclaimed R2 is offered with no less than three symmetric horn patterns and two asymmetric horn patterns, and all models with the exception of R6, RMG and RSH are equipped with internal protection circuitry to guard against abusive overdrive. All models are available in architectural light grey, but custom colors are also available for volume purchases. R-Series is protected by a 5-year product warranty and 15-year enclosure warranty.

In summary, the R-Series family can singularly, or in combination, handle almost any large-scale public address task imaginable. It is the clear choice for short, medium, and long throw applications where high power speech and music reinforcement is required. The impressive ratings, genuine musicality, extremely high intelligibility and speech clarity of R-Series solve problems that no other loudspeaker line can solve, both functionally and economically.



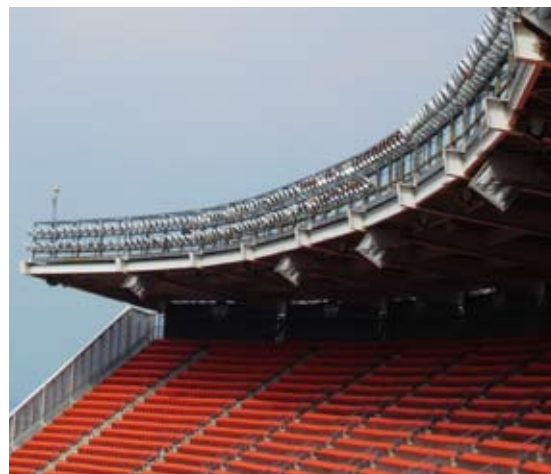
RSH-462 loudspeakers provide important safety announcements to incoming vessels at Icdas Jetty port in Turkey.

Benefits of R-Series for Mass Notification Systems

- High intelligibility so your message is loud and clear
- Tightly controlled dispersion puts sound only where you want it
- Long projection capability with high SPL (Sound Pressure Level)
- Weather-resistant construction for outdoor use
- Corrosion-resistant steel hardware, fasteners and mounting brackets
- Versatile performance for combined entertainment, paging and emergency announcement systems
- Versatile models for short, medium and long throw applications
- Protection circuitry in R.25, R.5, R1 and R2 models
- Autoformer versions available for distributed 70V/100V systems
- Industry-best 5-year product warranty and 15-year enclosure warranty
- Proven performance in world-class venues worldwide

Applications and Users

- Voice warning communications systems
- Industrial paging and alerting systems
- Military camps and military buildings
- Public transportation
- Power plants
- Athletic venues and sports stadiums
- Beach and harbor warning systems
- Theme and amusement parks
- Convention centers
- Factories and warehouses
- Campus alarm systems
- Government facilities throughout Washington, DC
- NASA/USA Space Program facilities including the Kennedy Space Center launch pad and Vehicle Assembly Building



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