

EX-900R

LONG RANGE ACOUSTIC DEVICE

MADE IN KOREA

Max SPL **158** dB

Max Range **2.5** km

Weight **17** kg



Max Sustainable: Sound Pressure Level 1	158 dB SPL @ 1 meter, A-weighted	Dimensions (W x H x D): (Vertical Orientation)	372 x 672 x 336 mm 14.6 x 26.5 x 13.2 in
Optimal Voice Sound: Pressure Level 2	146 dB SPL @ 1 meter, A-weighted	Weight (Head Unit):	17.0 kgs / 37.5 lbs
Maximum Range 3: Typical Range 4:	2,500 m (8,202 ft) 1,500 m (4,921 ft)	Hard Mounting Points:	Two attachment points for Vertical or Horizontal mounting
Frequency Response:	200 Hz to 9 kHz	Accessory Mounting Points:	Two mounting points for attaching accessories
Max Power:	800 W	Materials of Construction:	Glass Fiber Composite, Aluminum and Stainless Steel
Beam Width:	+/- 15 Degrees at 1 kHz / -3 dB	Emitter Controller Power Input:	24 - 28 VDC and 100 - 240 VAC, 50/60 Hz
Front to Back Attenuation:	-35 dB	IP GRADE:	IP 67

1. Continuous operational SPL measured at peak frequency (2 kHz) at 1m.
2. Continuous operational SPL measured for voice performance (1 kHz) at 1m.
3. SPL of 82 dB at 1,800 meters (2 kHz frequency) under ideal conditions.
4. SPL of 82 dB at 800 meters (1 kHz frequency) under ideal conditions.

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The EX-900R is a powerful new compact Loud Hailing and Warning System used to project live or pre-recorded voice messages and alarms in a focused pattern over extremely long distances.

The system features industry leading performance in the voice spectrum, resulting in clearer and more consistent communication at longer distances. This next generation acoustic design can produce longer range performance with a lower system weight and power consumption.

The EX-900R form factor allows for easy mounting on vehicles, vessels or tripods for applications on land or sea.

Integration into Remote Weapon Stations or similar multi-use systems offers added communication as an enhanced capability.

OPTIONAL SYSTEM COMPONENTS

- Emitter Controller Unit
- Control Unit Cable
- Power Cables (AC and DC)
- Microphone with Recording Capability
- Mounting Yoke Assembly
- Soft Cover
- Hard Copy Manual
- Corrugated Box Packaging
- Accessory Bag
- Tablet Control Unit w Bluetooth
- Tripod
- Portable DC Power Supply
- Magnetic Mount
- Ship Rail Mount
- Custom Mount (call for information)
- High Powered Searchlight
- Hard Case

- › Law Enforcement
- › Defense
- › Commercial Security
- › Critical Infrastructure Security
- › Maritime
- › Homeland Security
- › CBRNE Incident Management
- › Port & Border Security
- › Emergency Warning
- › Mass Communication
- › Wildlife Preservation & Control

SALT SPRAY TEST



WATERPROOF



SNOWPROOF



DIRTPROOF



SHOCKPROOF

