

◆ SUPERIOR AUDIO ENHANCEMENT

◆ INNOVATIVE FILTERING

SOS Parabolic Acoustical Listening Systems use innovative technology developed to significantly enhance the ability to hear and identify sounds. In addition to extending effective 'hearing' ranges, the systems can selectively filter out unwanted sound frequency ranges. These listening systems can be used to detect and locate life signs and other critical sounds during rescue operations.

Extremely light and portable, both the 6" and 10" unit are paired with the newly developed filter amplification pack (AmpPac) to create a revolutionary system.

Potential Applications

- **Police** – Enhance SWAT deployment and surveillance operations; monitor crisis situations with more intelligent information
- **Firefighters** – Locate victims caught in fire and disaster situations with enhanced life-sign detection
- **Search & Rescue** - Detect individuals trapped in collapsed buildings, earthquakes or other natural disasters
- **Government** – Provide technology to support unique applications for Border Patrol, Homeland Security, State Department, Port Authority, DEA, FBI, ATF, Customs, Forest Service and Coast Guard
- **Military** – Aid in target identification, reconnaissance, perimeter surveillance, urban warfare; detect enemy presence in caves, houses or distant areas
- **Commercial Industries** - Use in detecting specific mechanical sounds
- **Power Companies** – Augment ability to quickly and easily identify power line faults, coolant leaks and gas leaks

Product Description

SOS parabolic acoustical listening systems are surprisingly small and portable, manufactured in a 6 "and 10" dish size for easy handling and quick deployment. The parabolic dishes are temperature and weather resistant for use in extreme operating conditions.

Both units come complete with the AmpPac, headphones, holographic sight, charger, cable and soft cover carrying case.



Key Product Features

- Parabolic directional audio design
- Constructed from an extremely hard and durable polycarbonate material
- Temperature and weather resistant
- 6 inch dish weighs less than 2 pounds; 10 inch weighs less than 3 pounds
- Standard Tri-pod connect at base of unit (10" Only)
- Dish assembly tested to 500° F
- Specially designed acoustical shape narrowly focuses on desired source and limits sounds from unwanted directions
- "Laser Pointer" or "Holographic Red-Dot Pointer" (optional) helps determines the location of audio source
- Sensitivity -64 dbm; frequency range 0-16 khz
- Rechargeable lithium ion battery with 8 hour continuous use
- AmpPac with LCD display and four programmed noise limiting filtering ranges

Technical Specifications

Materials	Semi-translucent polycarbonate (dish)
Dimensions	Dish – 10 ½" Diameter – 6" Depth; Dish – 6 ½" Diameter – 5" Depth Handle – 1 ¾" top depth – 6" grip Amp Pac – 4" W x 5" L x 1" D
Weight	6 inch—less than 2 lbs 10 inch—less than 3 lbs
Power requirements	12 volt rechargeable battery 12 volt battery power charger adapter
Input Signal Sensitivity	- 64 dbm
Frequency Range	0-16 kHz
Range Sensitivity	6 inch – 1000 feet (dependent on environmental and surrounding conditions) 10 inch – 1500 feet (dependent on environmental and surrounding conditions)
Laser pointer	Low power provided by AmpPac
Holographic Red-Dot Sight	Powered by 2032 battery