



MILITARY &  
SECURITY  
EXPERTS

MOOG

# MAHD-R™ Acoustic Hailing Device

*Remotely operable listening and broadcasting security device, optimized for voice communication*



## **Consequence Mitigation**

Like having a dedicated security staff on site without the risk and expense!

Ideal for ensuring security at port and coastal locations, gas and oil platforms at sea, medical-biological labs, chemical plants, water treatment facilities, border patrol locations, on cruise ships, and other locations that appeal to terrorists, thieves or others with harmful intentions.



## Surveillance and Deterrent System

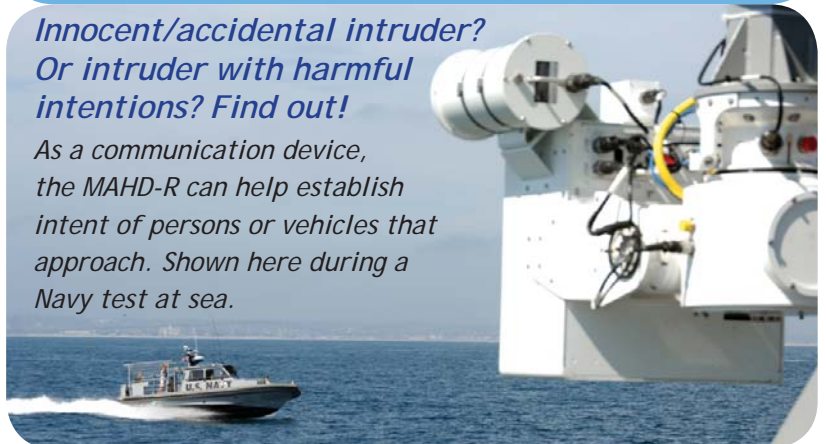


*The ability to operate the MAHD-R from a laptop anywhere in the world and literally see what is going on around your target is a powerful feature.*

*The MAHD-R™ represents the new generation of remotely-operable security devices developed for use in both harsh military environments and commercial applications.*

## **Innocent/accidental intruder? Or intruder with harmful intentions? Find out!**

*As a communication device, the MAHD-R can help establish intent of persons or vehicles that approach. Shown here during a Navy test at sea.*



## MAHD-R Capabilities

**Aiming Sound** - Point the device and communicate verbally, or play deterrent tone. Sound waves are directed in a straight line directly at the target (unlike normal sounds which emanate in a sphere). Effective Range is 6561 ft.—over 1 mile!

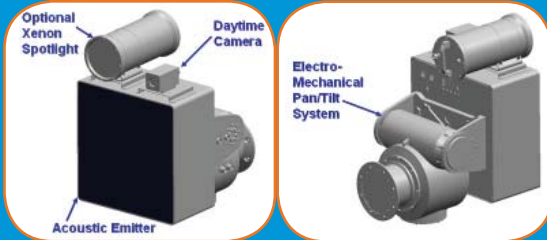
**Clear Voice Communication & Instruction** - Speak to suspicious persons in real time. Give instructions verbally, play pre-recorded instructions (in any language) or play deterrent tone.

**Unique Long-Range Listening Capability** - Hear conversations from as far away as 1968 ft. (600 meters). Device software filters out background noise.

**Deterrent Tone** - Effective Range of 984 ft. (300 meters). Extremely powerful deterrent audio warning can be sounded to communicate a clear warning and influence compliance.

## Components (included)

- Emitter head with listening and broadcast features
- Rugged Pan/Tilt System for remote aiming of the emitter
- Full-Featured Software for complete remote command/control of multiple MAHD-R™ systems

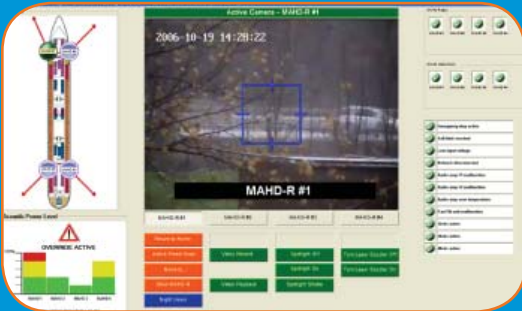


## Optional Accessories

- Daylight video camera
- Infrared video camera for night vision
- White Spotlight - Effective range 1000 yd.
- Laser Dazzler - Effective range 1500 yd.



- Listening Mode Audio Filter for optimum clarity when in "listening" mode
- Joystick for complete command/control of each MAHD-R™ system
- Easy-to-use control software runs on a conventional laptop (pictured below).



## Standard Software Features

- Full Command/Control of multiple systems
- Video/audio recording of "events of interest"
- Diagnostics provide real-time monitoring of system status for each MAHD-R™
- MP3 File-manager
- Safety Features
- Function Keys
- Intuitive Operation

## Reduce Vulnerability

*A recent pirate attack of a cruise ship off the coast of Somalia was foiled when a security officer used a manually operated hailing device in conjunction with a high pressure water hose. Since both aiming and operation of this device required the officer to stand directly behind the unit, the officer was placed in harm's way and suffered a gunshot wound in the process of defending the ship. Although he succeeded in foiling the attack, his serious injury could have been avoided if the system was remotely operable (as with the MAHD-R™).*



## MAHD-R Features

**Full remote control** - The control and operation of single or multiple systems from any location is a new solution to mitigating physical threats.

**Operator Safety** - Provides a new level of safety & flexibility.

**Bystander Safety** - Bystanders are not harmed by the effects of the deterrent audio tone as long as they are not between the device and the target.

**Auto Targeting from Radar & Electro-Optical Systems** - Telemetry data from existing systems can be used to acquire and track target.

**Auto-correction for Environmental Conditions** - Filters ambient environment conditions (wind, background noise) and automatically points emitter for optimum acoustic tracking on target.

**Language Capability** - Interfaces with the Phraselator™ for custom messages in any language (sold separately).

**Recording Capability** - Video and audio recording capabilities to accurately record "events of interest."

**Real Time Viewing** - Active display for video input from on-board camera can be expanded to full-screen for easy viewing. The display screens for each MAHD-R™ system can be customized with a unique label, time and other information for easy identification.

For more information or to order,  
call 888-363-7740 or visit  
[www.offthewallproducts.com](http://www.offthewallproducts.com)

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