

## What is a Long Range Acoustic Hailing Device?

It can transmit highly clear sounds to a long distant. Bluetooth and external USB memory are supported. MP3 file playback and microphone broadcasting are also available.

## FEATURES

- Superior Voice Intelligibility and
- Highly Clear Communication up to 1.7km
- High output of 153dBA, 1.7km broadcasting distance(78dB)
- Operational range up to 1000 meters over 83dB of background noise. Ranges based on continuous output.
- External USB memory available
- MP3 file playback, microphone broadcast
- Maximum output limit available
- Embedded Amplifiers
- All-weather use



## 주요사양

Max. SPL	153dB(Peak)(@1m Front, A-weighted)
Directivity	±15° (2kHz Sine, -3dB)
Frequency Response	500Hz~5KHz
Communication Range	1.7km(78dB), 1km(83dB)
Weight	23.5kg
Power Input	100~240VAC / 50-60Hz or 48VDC
Power Consumption	Max. 1.2kW
Operating Temperature	-30°C ~ +60°C
Audio Controller	Copy from USB memory MP3 file Playback Character LCD(Backlight) – Sunshine Readable Handheld dynamic microphone
ETC	Can limit Max. SPL for hearing protection as customer's request. Embedded AMP

### ✓ Components



Audio Player

Tripod for 500P

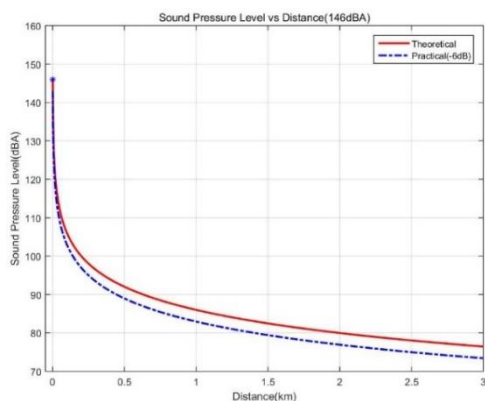
#### Basic Components

- Speaker Body : 1ea
- Audio Player : 1ea
- Mic : 1ea
- Power Module : 1ea
- Cradle : 1ea
- Power Cable and Interface Cable : each 1ea
- Headphone Type Hearing Protector : 2ea
- Form Type Hearing Protector : 1box(100ea)
- Sound Optimization Software : 1ea
- Spare Driver Unit : 1ea

#### Additional Components

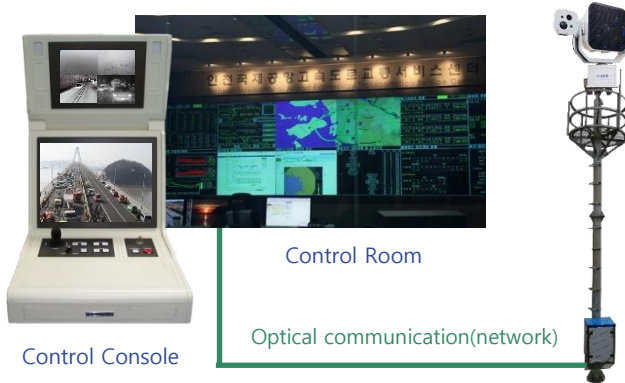
- Tripod for 500P : 1ea

### Sound Pressure Level vs Distance



30~50dB	Quiet library, noise in the woods, bedroom
50~60dB	General office noise
60~70dB	Noise on large ship deck
70~90dB	Small ship engine noise (above deck)
80~100dB	Noisy construction site, road noise
120~130dB	Jet noise (100m)
130dB	Above, we started to feel pain
160dB	Rocket firing noise

## Applications of Acoustic Hailing Devices



### ✓ Emergency Warning & Fire Rescue

Fire Evacuation Broadcast, Public Place Guide and Evacuation Broadcast, Valley Evacuation Broadcast due to heavy rain, and Coastal Accident Prevention & Evacuation Broadcast



### ✓ Law Enforcement, Homeland & Border Security

Illegal Activity Warning, Beach Announcement, Access Control Broadcast, Crowd Control



### ✓ Military, Maritime, Security & Protection

Military Training control, Anti-Piracy, Major Facility Intruder Warning, Preserving Wildlife & Protecting Assets



### ✓ Traffic Accident Broadcasting, Traffic Control

Traffic Control, Prevention of Secondary Accident, Traffic Accidents and Foggy Broadcast, Emergency Evacuation Broadcast.



### ✓ Installation in Ships, Vehicles and Drones

Mounting on Warships, Ships, Fire Trucks, Ambulances, Police Cars, Helicopters, Drones