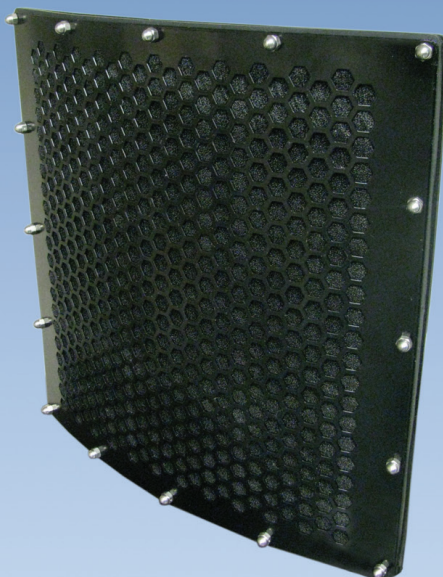




Speaker Assembly - Front



Electronics Module



AHDi Trigger Button



## HyperSpike® AHD-i for OEM Applications

### Features

- Easily integratable to provide long range acoustic communications
- 140 dB SPL peak acoustic output
- Long range, 500 m+
- +/-10° narrow acoustic beam
- Optimized for human voice
- Live & pre-recorded messages/warnings
- Multilingual messages
- Built-in alert tone
- Mobile applications

Using unique and proprietary HyperSpike® technology, the AHD-i is an ideal acoustic hailing device that can be integrated into custom platforms to provide long range communication capabilities in a handheld device.

The AHD-i consists of two modules; the speaker assembly and the electronics module.

The Speaker Assembly houses the acoustic transducers which provide a peak sound pressure level of 140 dB at 1 meter.

The compact electronics module allows the operator to store and select pre-recorded messages & alert tones, select messages & alert tones, and connect a microphone for broadcasting live messages. The electronics module also contains a port that allows for easy battery recharging.

# AHD-i Specifications



Speaker Assembly - Back

## Acoustic specifications:

Sound Pressure Level	140 dB @ 1 m, A-weighted
Beam Width	+/- 10° @ 2 kHz
Communication Range	Exceeds 400 m (435 yds)
Frequency Response	800 Hz - 23 kHz

## Power requirements:

Battery Type	NiMH battery pack
Battery Life, typical	4 hours, intermittent use

## Physical specifications:

### Electronics Module

Dimensions	4.7" H x 7.1" W x 3.5" D (12 H x 18 W x 9 D cm)
Weight	3.3 lbs (1.5 kg)

### Speaker Assembly

Dimensions	15.7" H x 15.4" W x 4.3" D (40 H x 39.2 W x 10.9 D cm)
Weight	5.5 lbs. (2.5 kg)

## Ordering information

Model No.

90134A

Included with the AHD-i

- 110V-240V AC Battery Charger and Rechargeable Battery Pack



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