

Amplified Speaker MRC-67A



that is one source for many solutions.

When customers have totally new or unique requirements or need adaptations to meet mission critical program requirements, our design and engineering teams can provide extensive services ranging from mechanical, electrical, software and testing. Based on your defined needs, we provide total solutions including costing, prototyping, testing and manufacturing.

Ultralife Communications comprises three brands: McDowell Research, AMTI and RedBlack Communications.

Features

- Embedded 5-watt audio amplifier
- Automatic muting when handset is keyed
- Speaker and handset volume controls
- Power and receiver audio active LED indicators
- Wide range DC input power
- Easy installation and operation
- Compatible with existing communications equipment
- Local handset fully functional regardless of power switch setting
- Optional cable sets available for: remote operation, battery operation or alternate power source connections

Overview

The MRC-67A amplified speaker is a rugged, waterproof audio speaker system made to withstand tactical environments. The MRC-67A will monitor a single transceiver and/or encryption unit. The unit is compatible with virtually any communication systems using the standard transceiver interface audio connections.

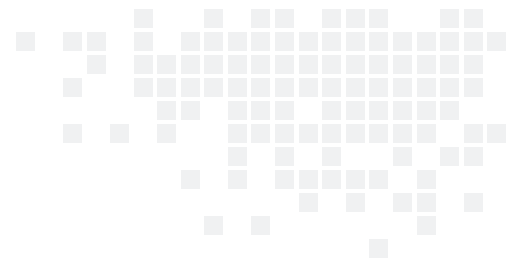
One Source, Many Solutions

The MRC-67A is another example of the broad capabilities of Ultralife Communications Systems to provide products, systems and 'concept to reality' engineering solutions to the military and defense industries. Ultralife offers a wide range of products from batteries, RF amplifiers, chargers, power adapters, speakers, cables/connectors, equipment mounts and case equipment.

As a worldwide leader in power solutions and accessories, Ultralife customers benefit from a company

Amplified Speaker

MRC-67A



Technical Specifications:

Part No.	MRC-67A
NSN	5965-01-511-3633
DC input	10-36 VDC
Power indicator	Green LED NVG compatible
Receive audio annunciation	Yellow LED NVG compatible
Audio input	1.6 V RMS (2.3 V P-P)
Audio output	5 watts max
Audio band pass	300 Hz to 3000 Hz
Total harmonic distortion	2% at 5 watts
Sound pressure level	90 DbA at 1 meter with 0.6 V RMS 1 kHz
Speaker mute	Automatic when PTT keyed
Power switch	On/Off - handset operational w/speaker off
Size	4.75"L x 4.75"W x 3.75"H
Weight	3.6 lbs.
Operating temperature	-50° to +70° C
Storage temperature	-70° to +85° C
Operating altitude	15,000 ft.
Storage altitude	55,000 ft.
Immersion	10 ft.
Humidity	95% relative
Cables optional	MRC67-023-DC PS MRC67-024 AC MRC67-026DC MRC67-030
Accessories optional	MRC67-012 AC-DLPS MRC67-013 AC DLPS (AUS) PCP-130 DC cable