

MRC-67 Series

Amplified Speakers

Technical Datasheet

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Overview

MRC-67 series amplified speakers are rugged, waterproof audio speaker systems made to withstand tactical environments. The MRC-67 series will monitor a single transceiver and/or encryption unit.

They are compatible with virtually any communication systems using the standard transceiver interface audio connections. A variety of power input configurations and colors are available.

The MRC-67 series is ideal for tactical operations centers, SOTM systems, and vehicle use. The MRC-67 series' rugged construction provides audio monitoring in the most demanding tactical environments.

Features

- Wide range of DC input voltages
- Internal 5-watt amplifier
- LED indicators
- Automatic muting when handset is keyed

Technical Specifications

Part No.	MRC-67A/B
Size H x W x D (inches)	4.75 x 4.75 x 3.75
Weight	3.6 lbs.
DC Input Voltage	10-36 VDC
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 1m with 0.6 V RMS 1 kHz
Speaker Mute	Automatic when PTT keyed
Power Indicator	Green LED NVG compatible
Power Switch	ON/OFF Handset operational with speaker off
Operating Temperature	-50°C to +70°C
Storage Temperature	-70°C to +85°C
Operating Altitude	15,000 feet
Storage Altitude	55,000 feet
Humidity	95% relative
Variants	MRC-67A: individual power and audio input connectors MRC-67B: integrated power and audio input connector
Color/Part No.	MRC-67A/B-0: Black MRC-67A/B-5: Green MRC-67A/B-7: Red MRC-67A/B-8: Gray