

# Dual Transceiver Case Series

## MRC-94



## Features

- Self-contained operation
- Operates from virtually any AC or DC power source
- Dual amplified speakers for remote mounting
- Easy operation, units can be fully operational in less than 3 minutes
- Case-mounted with space for storing power cables, handset, LOS or SATCOM antennas

## Overview

The MRC-94 series of dual transceiver power systems are transport case mounted, self-contained power systems which operate directly with the following radios:

- AN/PRC-117F
- AN/PRC-150 Transceiver
- AN/PSC-5 Series Transceivers
- AN/PRC-113 Series Transceivers
- AN/URC-200 Series Transceivers

Two MRC-67A amplified speakers are included with the system allowing remote monitoring away from case. Equipment is securely mounted on a double tray. Tray can be extended and braced in an elevated position for ease of operation. The systems can be fully operational in less than three minutes.

## One Source, Many Solutions

The MRC-94 is an 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 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 two brands: McDowell Research and AMTI.

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## MRC-94



### Technical Specifications:

Part No	MRC-94
AC input	95-270 VAC 47-440 Hz
DC input	11-36 VDC
Size	19.31"L x 24.56"W x 11.94"D
Weight	35 lbs. (without communication equipment or battery)
Operating temperature	-30°C to +45°C
Storage temperature	-50°C to +65°C
Operating altitude	27,000 ft.
Storage altitude	55,000 ft.
Immersion	10 ft.
Humidity	95% relative
	<b>MRC-94</b> Power supply: MRC-82A Internal battery: UBI-2590/BB-2590
	<b>MRC-94-01</b> Power Supply: MRC-99-01 Internal Battery: MRC-490 Sealed Lead Acid
<b>Power components</b>	<b>MRC-94-02</b> Power Supply: MRC-99-02
	<b>MRC-94-03</b> Power Supply: MRC-93 Internal Battery: Optional (does not charge battery)
<b>Cables included</b>	MRC67A-23-072 (2): 6 ft. speaker DC power cable MRC67A-24-072 (2): 6ft. speaker audio cable
<b>Accessories included</b>	2 MRC-82-A interoperable power adapter/ chargers 2 MRC-67A amplified speakers