

# Single Transceiver System

## MRC-34 Series



## Features

- **Wide range of AC and DC input voltages**
- **With included MRC-82A power supply, it allows operation from nearly any AC or DC power source likely to be encountered worldwide**
- **Storage areas for power cables, handset, and antennas (LOS and deployable SATCOM)**
- **Removeable amplified speaker allows remote monitoring**
- **Space is also available for storing laptop computers up to: 13.75"W x 10.625"L x 1.825"H**

## Overview

The MRC-34 is a self-contained radio mounting system used with the following equipment:

- AN/PRC-117F Transceiver
- AN/PRC-138 Series Transceivers
- AN/PRC-150 Series Transceivers
- AN/PRC-113 Series Transceivers
- AN/PSC-5 Series Transceivers

Transceiver equipment is securely located and powered once installed in the transport briefcase. Internal power supply allows the use of communications equipment with or without battery. Internal battery is charged whenever external power is supplied to the unit.

## One Source, Many Solutions

The MRC-34 is one 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,

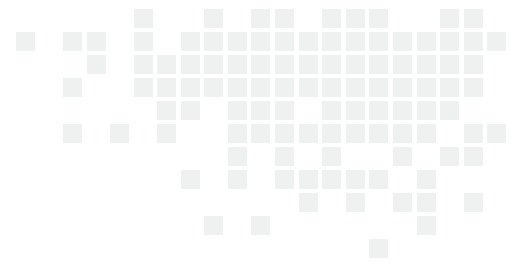
chargers, power adapters, speakers, cables/connectors, equipment mounts and case equipment. As a worldwide leader in power solutions and accessories, Ultralife customers benefit from a company that is one source for many solutions.

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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### Technical Specifications:

<b>Part No.</b>	MRC-34
<b>NSN</b>	6150-01-435-3922
<b>AC input</b>	95-270 VAC 47-440 Hz
<b>DC input</b>	11-36 VDC
<b>Size</b>	19.3"L x 15.3"W x 7.5"H
<b>Weight</b>	15 lbs. (without battery)
<b>Operating temperature</b>	-30° to +55° C
<b>Storage temperature</b>	-50° to +65° C
<b>Operating altitude</b>	27,000 ft.
<b>Storage altitude</b>	55,000 ft.
<b>Immersion</b>	10 ft.
<b>Humidity</b>	95% relative
<b>Case</b>	Composite with gasket-sealed lid
<b>Power components</b>	MRC-34 Power Supply: MRC-82A Internal Battery: UBI-2590  MRC-34-01 Power Supply: MRC-99-01 Internal Battery: MRC-490  MRC-34-02 Power Supply: MRC-99-02 Internal Battery: Sealed lead acid  MRC-34-03 Power Supply: MRC-93 Internal Battery: Optional  MRC-34-04 Power Supply: MRC-92  MRC-34-05 Power Supply: MRC-132 Internal Battery: NIMH
<b>Cables included</b>	MRC67A-23-072: 6ft DC Power Cable MRC67A-24-072: 6 ft Audio Cable PCP35-00-01: AC Power Cord PCP65-00-01: DC Power Cord
<b>Accessories included</b>	MRC-67A Amplified Speaker