

MRC-UVA

Universal Vehicle Adapter (Legacy)

Technical Datasheet

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Technical Specifications

Part No.	MRC-UVA
Size H x W x D (inches)	7.13 x 4.88 x 3.56
Weight	< 2.5 lbs (without radio)
Input Voltage	11-36 VDC (12V / 24V vehicle compatible) (100 W max)
Reliability	15,000 hours (MIL-HDBK-217F)
Operating Temperature	-30°C to +49°C
DC Input Connector	Glenair Mighty Mouse series
Switch	Front panel, momentary push button
Indicators	Power/Charge Status, NVIS Compatible
Finish	Black

Qualifications

- MIL-STD-1275 (Military Vehicle DC Power)
- MIL-STD-810 (Environmental)
 - Altitude
 - Temperature
 - Humidity
 - Salt Fog
 - Sand & Dust
 - Shock
 - Vibration
 - Crash Safety
 - Blowing Rain
- MIL-STD-461 (EMI, EMC)
 - CS101
 - CS114
 - CS115
 - CS116
 - CE102

Overview

The MRC-UVA Universal Vehicle Adapter is the ultimate handheld radio docking and charging solution for vehicle communications. Now you can use the same handheld radio, mounted or dismounted. It is designed for “jerk-and-run” scenarios, and is compatible with widely fielded radios from Thales and others.

The MRC-UVA features a universal pocket that accepts up to 16 radios (including variants). The MRC-UVA can be used in tactical or non-standard vehicles to provide radio mounting and charging. As an added safety feature, the MRC-UVA monitors the radio battery cell temperature to turn off charging if an overtemperature condition exists.

Features

- Universal charging pocket supports 16 radios, including variants:
 - Thales® AN/PRC-148 MBITR
 - Thales® AN/PRC-148 JEM
 - AN/PRC-152 and all variants
 - Exelis Soldier Radio



Radio not included

Legacy Product

The MRC-UVA continues to be manufactured and supported for legacy customers and platforms. However, for users operating newer-generation radios, the MRC-UVA-V1 provides several significant advantages.

Overall, the MRC-UVA-V1 enhances the original design with expanded radio compatibility, more advanced battery monitoring, software update capability, increased power handling, and support for simultaneous two-channel radio operation and charging.