

MIK-36

Thermal Imager Display Mount



Installation Manual

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CONTENTS

Chapter 1 – General Information

1.1	Scope	3
1.2	Equipment Provided	3
1.3	Important Safety Instructions	4

Chapter 2 – Installation Instructions

2.1	Installation	5
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Chapter 3 Maintenance and Warranty Information

3.1	Dirt and Dust	6
3.2	Oils and Grease	6
3.3	Corrective Maintenance	6
3.4	Warranty Maintenance	6
3.5	Contact Information	7

Chapter 1: General Information

1.1 Scope

This manual has been prepared by McDowell Research for the purpose of providing the user information necessary to understand and maintain the MIK-36 Thermal Imager Display Mount.

- **Chapter 1 – General Information**
 - This chapter provides safety and important information about the MIK-36
- **Chapter 2 – Installation**
 - This chapter provides information necessary for installing the MIK-36.
- **Chapter 3 – Maintenance**
 - This chapter provides information regarding MIK-36 preventive care and corrective maintenance procedures.

1.2 Components

The MIK-36 consists of all the parts necessary for the installation of the Thermal Imager Display Mount. The unit consists of the following subassemblies:

- MIK-36 Thermal Imager Display Mount
- MRC-7030 12V DC Power
- PCP263-00-01 Battery to Converter Cable
- PCP264-00-01 Converter to Display Cable

1.3 Important Safety Instructions

- A. This manual contains important safety and operating instructions for the MIK-36 Thermal Imager Display Mount.

- B. Before using the MIK-36, read all instructions and cautionary markings.

- C. Use of an attachment not recommended or sold by the manufacturer may result in risk of fire, electric shock, or personal injury.

- D. Make sure cords are positioned so that they will not be stepped on, tripped over, or otherwise subjected to damage or stress.

- E. Do not place the unit in liquid or allow to accrue moisture, this may cause a malfunction of required internal equipment or cause harm to the operator and ancillary equipment.

Chapter 2 – Installation Instructions

- 2.1 Unclip the slide release buckles on either side of the pocket that holds the bracket to the seat
- 2.2 Flip the pocket upside down to reveal mounting holes
- 2.3 Insert (4) 1/4-20 x 1/2 screws through holes and grommets into the display and tighten.
- 2.4 Flip pocket back over and slide over back of HMMV seat (driver or passenger).
- 2.5 Re-clip slide release buckles
- 2.6 Clip second set of buckles under the cross member of the seat. Ensure a secure fit.
- 2.7 Connect PCP263-00-01 cable to vehicle battery (under passenger seat) and MRC-7030 input side.
- 2.8 Connect PCP264-00-01 cable to MRC-7030, output side, and to the display.

NOTES:

D-Rings are included for securing loose cables.

Chapter 3 – Maintenance and Warranty Information

3.1 *Dirt and Dust*

All external components to the MIK-36 can be cleaned with a water dampened non-abrasive cloth and allowed to air dry or wipe dry with a clean dry non-abrasive cloth.

3.2 *Oils and Grease*

All external components of the MIK-36 can be cleaned with a mild soap/water solution dampened non-abrasive cloth. Rinse with water dampened non-abrasive cloth and allowed to air dry or wipe dry with a clean dry non-abrasive cloth.

3.3 *Corrective Maintenance*

The MIK-36 has **NO** user serviceable parts. Units requiring corrective maintenance should be sent to McDowell Research for repair. Contact information is provided below in section 3.5.

3.4 *WARRANTY MAINTENANCE*

Warranty Statement

4 years for equipment shipped after May 1, 2004

McDowell Research warrants to its customers that the products it manufactures and sells will be free from defects in materials and workmanship for a period of four (4) years for equipment shipped after May 1, 2004.

This warranty shall not apply to any defect, failure or damage caused by improper use or inadequate maintenance and care. McDowell shall not be obligated to provide service under this warranty to repair, service, or modify these products.

In order to obtain service under this warranty, customers must return a failed unit to McDowell with a description of the failure, contact information (in case questions arise and to speed up processing of guarantee claims) and finally a return shipping address. McDowell will return any failed unit at McDowell's cost.

NOTE: THIS WARRANTY DOES NOT APPLY TO BATTERIES SUPPLIED BY MCDOWELL RESEARCH. ALL BATTERIES SUPPLIED BY MCDOWELL RESEARCH ARE WARRANTED FOR 90 DAYS FROM SHIPMENT.

3.5 ***Contact Information:***

Please call (254) 752-1411 to obtain an RMA number prior to returning any failed unit(s) to:

**McDowell Research, an Ultralife Company
300 South 8th Street
Waco, Texas 76701
Phone: (254) 752-1411
Fax: (254) 752-1812**

Online RMA requests can be located and submitted at:
<http://www.mcdowellresearch.com/shop/RMArequest.asp> or
service@mcdowellresearch.com