

K40 ELECTRONICS

RADAR-LASER DETECTOR

Operating Instructions

MODEL : RD950

INTRODUCTION

Thank you for purchasing K40's newest radar laser detector "RD950"

The RD950 model incorporates the advanced new radar antenna technology and extremely low power-consuming circuitry to ensure top class performance. It is a complete integrated laser and radar detector, which responds not only to X, K and Ka band radar guns in use today, but also the laser guns.

The RD950 provides distinct visual and audio alerts to warn you of the presence of X, K, Ka band and laser signals for 360° round.

You can drive with confidence when you bring along the RD950 radar laser detector.

PACKAGE CONTENTS

RD950 package includes the following components.

- RD950 radar and laser detector
- 12-volt DC power cord and fuse (2types – Coiled and Straight)
- Windshield mounting bracket with suction cups
- Dashboard mounting hook and loop fasteners
- Operation manual

INSTALLING THE UNIT

Mounting Guidelines

For the best performance, select the proper location for the detector where it has a direct view of the road. Remember the radar antenna and laser sensor are located behind the rear panel of the unit.

The antenna and sensors should not be obstructed by metal or metallic surfaces and should be pointed at the horizon for accurate long-range detection.

- Choose a location that does not block the driver's vision.
- Mount the detector in a level position.
- Do not mount the detector behind the metal surfaces and ornaments mirrored sunscreen.

Tinted windows reduce the received laser signal strength.

Do not mount the detector behind tinted glass. Do not mount the detector where the driver or passenger might hit in a sudden stop or accident.

Mounting Type

There are two ways of installation.

Hook and Loop Mounting

The hook and loop tape included with your detector might be the best mounting method for some dashboards.

Follow these instructions to use the hook and loop tape to mount the unit on the dashboard.

1. Use a damp cloth to thoroughly clean the dashboard.
2. Peel off the paper backing of the tape and apply the tape to the bottom of the detector.
3. Remove the paper backing from the other side of the tape and press the detector onto the dashboard.

Windshield Mounting

The supplied windshield bracket and suction cups let you quickly mount the detector on your vehicle's windshield.

Follow these steps to use mounting bracket kit.

1. Install the suction cups onto the bracket by fitting them into their holes.
2. Attach the bracket to windshield.
3. Attach the detector to the bracket.
4. Bend bracket for correct detection angle.
5. Plug power cord DC12V into detector.
6. Plug power cord into cigarette lighter.

Cautions: Some new models of cars have a plastic safety coating which is applied to the windshield. The suction cups may leave permanent marks on the wind shield once they are removed. Check vehicle owner's manual to see if your car has the plastic safety coating.

Connecting the Power

The RD950 detector is designed to operate on most DC 12V negative ground vehicle electrical systems. The power cord provided with the detector has a cigarette lighter socket plug at one end and a small connector at the other.

1. Insert the small connector into the jack on the side of the detector.
2. Insert the other end into the cigarette lighter socket of your vehicle.

If the detector does not operate when you turn it on, remove the adapter from the cigarette lighter socket and carefully check the socket for debris. Also, check the fuse in the adapter and your vehicle's fuse box.

Replacing the Fuse

If the detector stops operating, the fuse in the cigarette lighter plug might be blown. If it has blown, follow these steps to replace it:

1. To replace the fuse, unscrew the top of the plug.
2. Remove the fuse and check the fuse to see if it has blown. If it has, replace it.

OPERATION

1) Power On & Volume Control

Rotate the Power and Volume control wheel to turn the Power on/off and to adjust volume of voice/tones.

2) DIM Button

DIM MODE

Dim mode reduces the illumination of the display. Press and release Dim button to change display brightness from Day - Dusk – Night-Auto and to off.

On Auto mode, display keeps “Dusk” on standby and when alarm starts, it changes the brightness level in order of Day-Dusk-Night until the alarm stops.

3)MENU Button

Press and release Menu button to enter Menu Mode.

On Menu Mode, press Menu button to scroll down on menu.

Press DIM or FILTER button to scroll up on menu.

Press Mute button to select an option.

	Menu Options	
a	FEMALE	MALE
b	VOICE ON	VOICE OFF
c	WAKEUP_LONG	WAKEUP_SHORT
d	POP_OFF	POP_ON
e	AUTOMUTE_OFF	AUTOMUTE_ON
f	X BAND ON	X BAND OFF
g	K BAND ON	K BAND OFF
h	KA BAND ON	KA BAND OFF
i	LASER ON	LASER OFF
j	FACTORY RESET	
k	EXIT	

To exit the menu,

- a. Press Mute button while “exit” is being displayed.
- b. Press and hold Menu button for 3sec.
- c. Do nothing for 10sec.

4) MUTE Button

a.MUTE MODE

Press and release MUTE button to turn on/off Mute Mode.

Mute Mode silences all beeping alerts for radar/laser alarm for 15sec. or the duration of the alert. Voice alerts stay active.

b.EXTENDED MUTE MODE

Press and hold Mute button for 3sec. to turn on/off Extended Mute Mode.

Extended Mute Mode silences all beeping alerts for radar/laser alarm for 2minutes or the duration of the alert. Voice alerts stay active.

5) FILTER Button

Press and release FILTER button to toggle between Highway - City - Filter.

a.HIGH WAY MODE : Detects all types of FCC approved police radar or laser signals at full sensitivity.

b.CITY MODE : The X-band sensitivity is reduced.

This is because it is the most common source of police radar signals.

K,KA and Laser remain at full sensitivity.

c.FILTER MODE : Eliminates X-band completely. Reduces K and KA band sensitivity. Laser detection remains at full sensitivity.

LIMITED WARRANTY

The manufacturer warrants this product against all defects in materials and workmanship for a period of one (1) year from the date of the original purchase, subject to the following terms and conditions: The sole responsibility of the manufacturer under this Warranty is limited to either repair or, at the option of the manufacturer, replacement of the unit. There are no expressed or implied warranties, including those of fitness for a particular purpose of merchantability, which extend beyond the face hereof.

SPECIFICATIONS

Radar Frequencies :

10.475 - 10.575 GHz (X Band)

24.050 - 24.250 GHz (K Band)

33.400 - 36.000 GHz (Ka Superwideband)

Laser Wavelength : 905nm +/-50nm

Operating Temperature Range :

-10C to +70C (+14F to +158F)

Power Requirements:

Operational 12 to 15volts DC,200mA nominal(2amp fuse) Vehicle Battery

Saver, 30mA nominal

FCC INFORMATION (FCC ID : W75-RD950)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In addition, any changes or modifications to this product, which are not expressly approved by K40 Electronics in writing, could void the user's authority to operate this product.