

**K40 RADAR DETECTOR**

**OWNER'S MANUAL**

## **INTRODUCTION**

Welcome to the world of sophisticated, early warning radar detection. You have purchased one of the most advanced radar detector available. The K40 is a completely integrated radar detector. It responds to the X, K and Superwide Ka bands radar guns in use today.

The K40 provides distinct visual and audio alerts to warn you of the presence of X, Ka and superwide Ka radar signals. You can drive with confidence when you bring along the K40 radar detector.

We are certain that you will enjoy the K40 radar detector and to ensure that you get the most from its features, please read this manual carefully before installing and operating the unit.

## **FEATURE HIGHLIGHTS**

- X BAND
- K BAND
- Ka SUPERWIDE BAND
- SIGNAL STRENGTH METER

## **PACKAGE CONTENTS**

- Radar Receiver
- Display unit
- Power cable

## **SPEED DETECTION SYSTEM**

A speed detection device (often called a radar gun) sends out either a microwave signal or beam of light. When this signal reaches its target, part of the signal is reflected or bounced back toward the emitting gun. The time required for the signal

to leave the gun, bounce off an object, and return is used to determine a vehicle's distance and speed.

## **CONTROLS AND FUNCTIONS**

Connect the remote radar to the display unit. Turn on the display unit with 12V power cord. Press the power button to turn on the display unit. Once it receives the radar signal, the display indicates the radar band with beep sound.

## **INSTALLATION**

The K40 uses a highly sensitive horn-type antenna to receive radar signals. Its sensitivity and range depend on the method of installation the direction of the antenna in relation to the signal source. The inherent nature of radar waves makes them reflect off metallic surfaces. This is why these waves are so useful for measuring the speed of a vehicle.

## **CARE AND MAINTENANCE**

The K40 is designed to give you years of trouble-free service. There are no user-serviceable parts inside, and no maintenance is required. To keep your detector in new condition, do not expose the unit to moisture. Rain, dew, road splash, or other liquids can damage the internal components and reduce sensitivity of the K40.

## **SPECIFICATIONS**

### General

- Dimensions: 85.00(D) x 80.00(W) x 40.00(H)mm
- Weight: 115g
- Power requirement: 12V DC
- Temperature Range –10 to 75 degree(Operating)
- Detector Type: Pulse Width Discriminator

## Radar Detector

- Receiver Type: Dual Conversion Superheterodyne Self-Contained Antenna
- Detector Type: Scanning Frequency Discriminator
- Frequency of Operation
  - X Band: 10.525GHz
  - K Band: 24.150GHz
  - Ka Band: 33.800 – 36.00GHz

### **FCC ID: W75-M2K-Y24**

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 in wiring, could void the user's authority to operate this product.

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