

TRAX RADAR LASER DETECTOR

OWNER'S MANUAL

INTRODUCTION

Welcome to the world of sophisticated, early warning radar and laser detection. You have purchased one of the most advanced laser/radar detector available. The TRAX is a completely integrated laser/radar detector. It responds to the X, K and Superwide Ka bands radar guns in use today and also provides 360 detection of the latest speed monitoring system – laser gun.

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

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

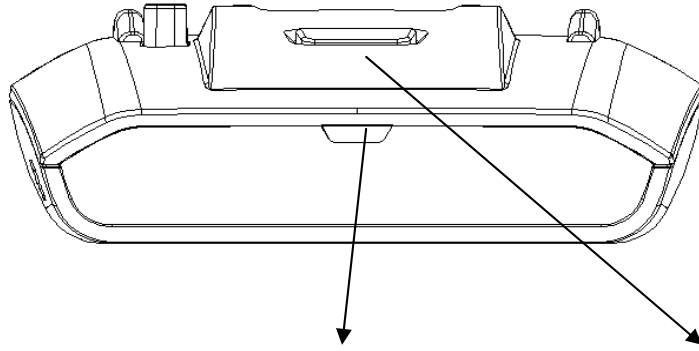
FEATURE HIGHLIGHTS

- 360 LASER DETECTOR
- X BAND
- K BAND
- Ka SUPERWIDE BAND
- CITY and HIGHWAY MODE
- POP MODE
- SIGNAL STRENGTH METER

SPEED DETECTION SYSTEM

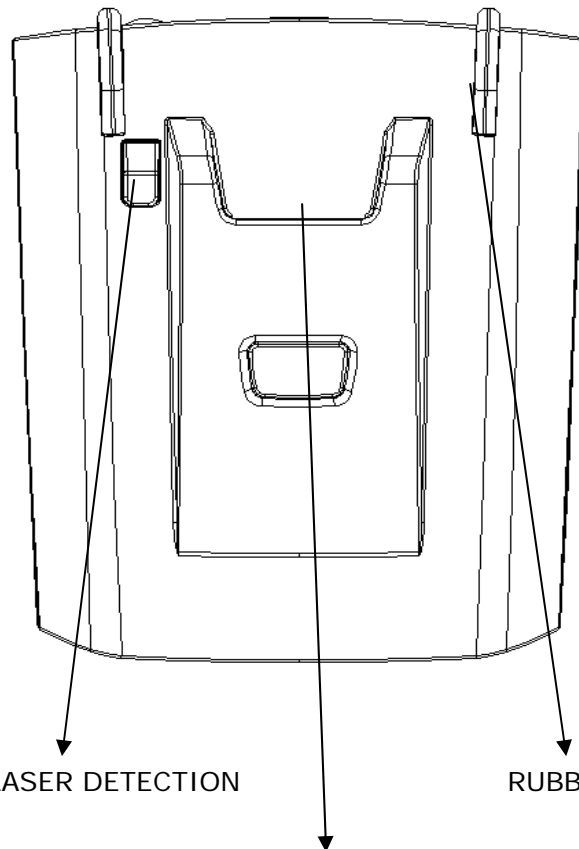
A speed detection device (often called a radar gun) sends out either a microwave signal or beam of light. When this signal reaches its target, part of the signal is reflected or bounced back toward the emitting gun. The time required for the signal to leave the gun, bounce off an object, and return is used to determine a vehicle's distance and speed.

CONTROLS AND FUNCTIONS



POWER LED

CLIP RELEASE



REAR LASER DETECTION

RUBBER

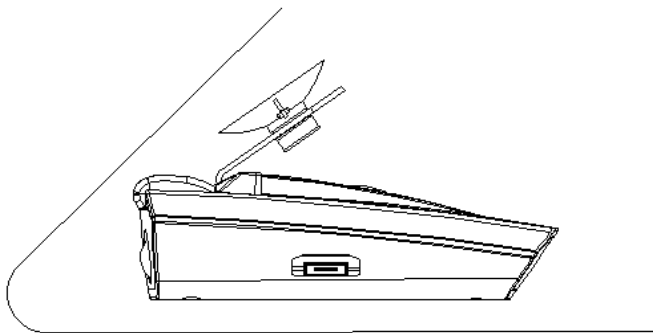
BRACKET INSERT HOLE

1. POWER ON Indicator – A LED to indicate power is being supplied to the unit and the unit is turned on.
2. Power Connector – Connect the cable to the connector.
3. Clip Release – Press the clip release button to remove the TRAX unit from the windshield mounting clip.
4. Rear and Side Laser Detector Lens – For rear and side detection of laser signals.

INSTALLATION

The TRAX uses a highly sensitive horn-type antenna and IR laser sensor to receive laser/radar signals. Its sensitivity and range depend on the method of installation the direction of the antenna/sensor 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. The IR laser light may reflect only from shiny surface. Both radar waves and IR laser light will, however, pass through plastic or glass.

- WINDSHIELD MOUNTING CLIP

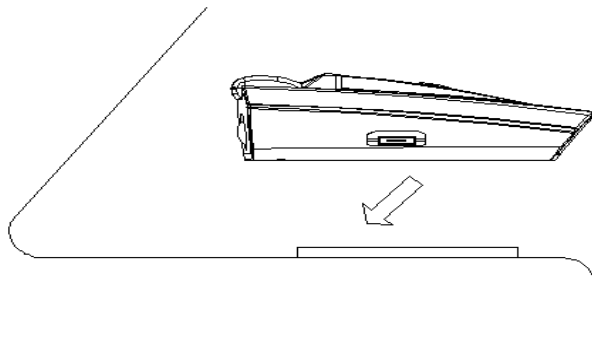


Press the button on top of the radar and insert the windshield clip into the TRAX. The metal portion of the bracket locks in to the plastic portion.

Place the bracket and the TRAX in the proper location on the windshield of your

vehicle and press the suction cups firmly against the windshield.

- **DASHBOARD MOUNTING**



Place the TRAX on the dashboard to find a location where the unit has a clear, level view of the road. The angle can not be adjusted after mounting.

Remove the paper backing from one side of the hook-and-loop fastener.

Attach the pad to the dashboard at your chosen location and remove the other paper backing.

Attach the TRAX to the hook-and-loop fastener. You can remove and reattach the unit as often as you like.

- Do not mount the unit behind the windshield wiper blades, radio antenna, tinted glass area, or mirrored glass. Be sure the unit is free from obstruction by seat backs, rear view mirror, sun visors, or the ceiling of the automobile.
- Do not mount the unit in front of the heater or defroster vents.
- Do not leave the unit in direct sunlight or in the glove compartment of a closed car for long periods of time, as extreme changes in temperature may cause internal damage. Also, removing the unit from the windshield makes you less susceptible to break-in and theft.

CARE AND MAINTENANCE

The TRAX 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, follow these important suggestions:

- Never leave the TRAX on the windshield when you park your vehicle. The temperature in the vehicle in summer can reach levels above what is considered to be safe for this unit.
- To make you less susceptible to break-in and theft, remove the unit from your windshield when you leave your vehicle.
- Do not expose the unit to moisture. Rain, dew, road splash, or other liquids can damage the internal components and reduce sensitivity of the TRAX.

SPECIFICATIONS

General

- Dimensions: 105.73(D) x 87.80(W) x 18.19(H)mm
- Weight: 115g
- Power requirement: 12V DC
- Temperature Range –10 to 75 degree(Operating)

Laser Detector

- Receiver Type: Pulse Laser Signal Receiver
- Sensor Front End: Convex Condenser Lens
- Detector Type: Pulse Width Discriminator
- Spectral Response: 800 – 1100nm

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: AMWUS207ZRD

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 Uniden Corporation in writing, could void the user's authority to operate this product.