

*SENSORO*<sup>TM</sup>

# SpeedTrap<sup>TM</sup> TRACKER

USER'S GUIDE



**MODEL #: RW1100**

## INTRODUCTION

Thank you for purchasing the SPEEDTRAP TRACKER™ developed by PNI Corporation.

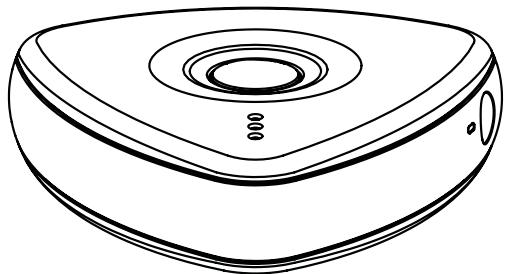
The SPEEDTRAP TRACKER is specifically designed to help you find the sneaky speed traps before they spot you. It has a powerful new detection sensor that spots upcoming speed traps from up to 2 miles away. And unlike vehicle SPEEDTRAP Trackers, it doesn't take a engineering degree to install or operate!

This Guide provides all the information you need for putting the SPEEDTRAP TRACKER to work for you. For SPEEDTRAP TRACKER technical specifications or downloads of the most recent version of this Guide, visit [www.pnicorp.com](http://www.pnicorp.com).

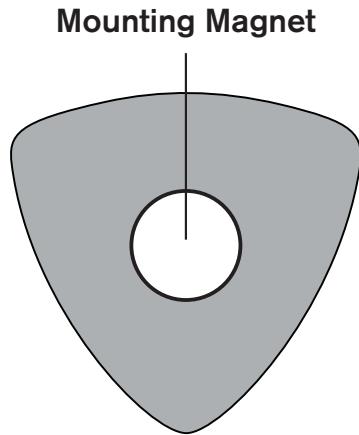
**How to Use the Guide:** ➤ = An action to be taken

○ = Additional information about the topic

## WHAT'S INCLUDED



**SpeedTrap Tracker**



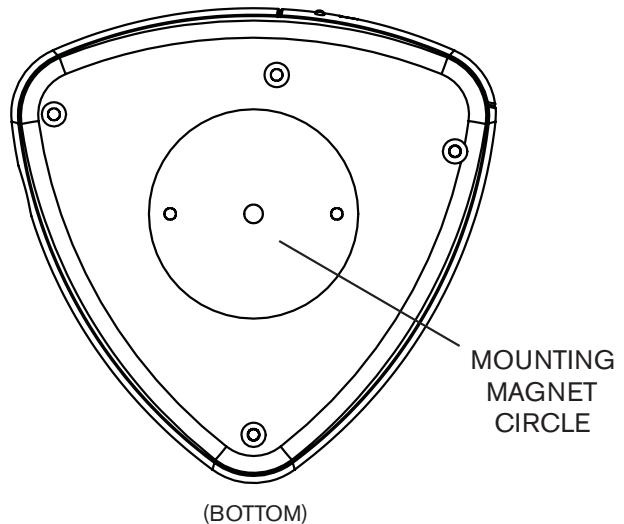
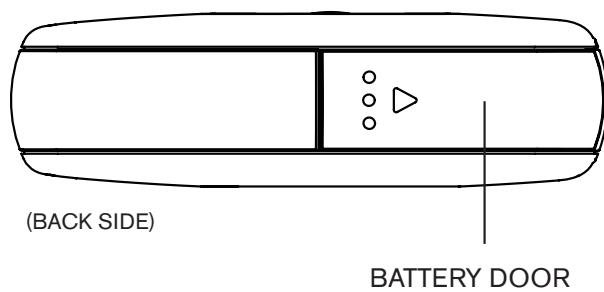
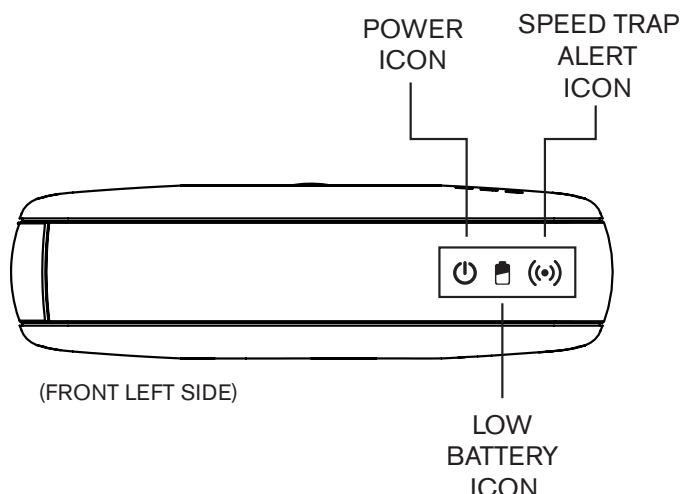
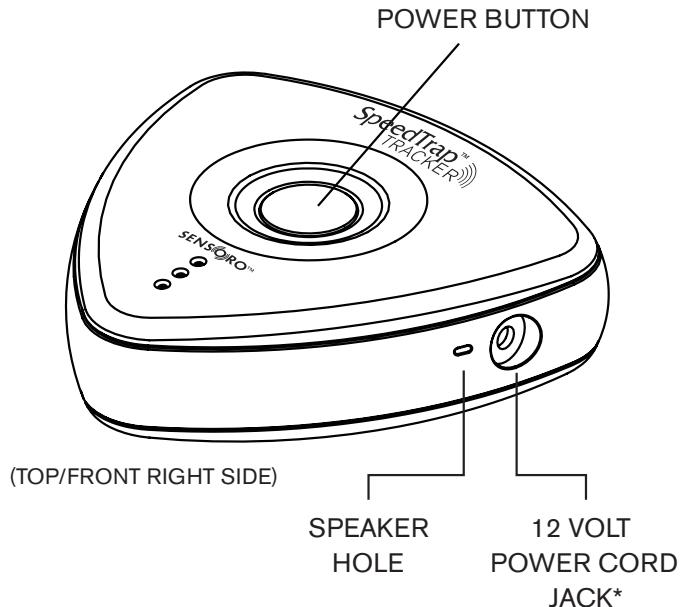
**Mounting Magnet**



**2 AA  
Alkaline Batteries**

If you are missing any of these items, please call us at 1-800-422-6672 and we will ship them to you immediately.

## CONTROLS AT A GLANCE

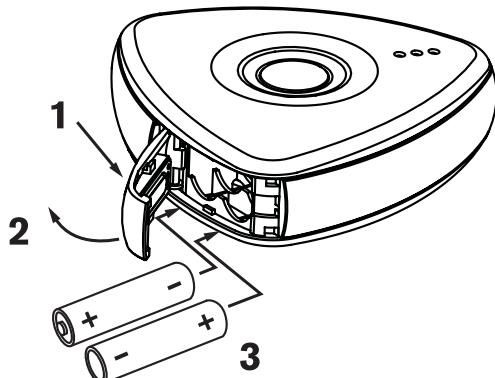


\* 12 VOLT POWER CORD is available separately, please go to [www.pnicorp.com](http://www.pnicorp.com) or call 888-422-6672 to order.

## INSTRUCTIONS

### 1. INSERT THE BATTERIES. Use AA alkaline batteries to power your SPEEDTRAP TRACKER:

- (1 & 2) Slide open the battery door on the back of the SPEEDTRAP TRACKER.
- (3) Insert two fresh AA alkaline batteries, noting the correct polarity.

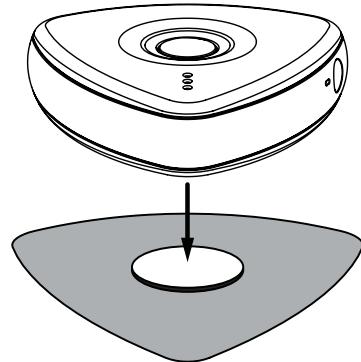


- Slide the battery door closed and shut tight.

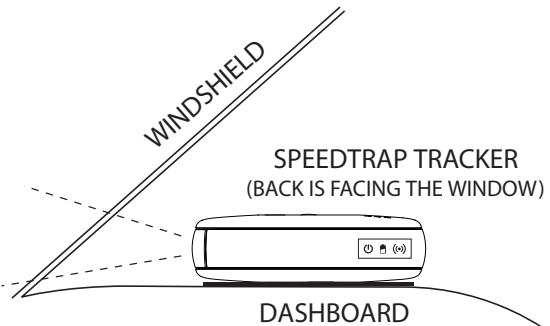
### 2. MOUNT ON YOUR DASHBOARD

The SPEEDTRAP TRACKER is designed to be mounted on your dashboard with the Sticky Pad and Mounting Magnet provided. The Sticky Pad uses a patented technology that allows for non-adhesive, removable mounting.

- Clean a spot on your dashboard that will allow easy viewing of both the SPEEDTRAP TRACKER screen and the road.
- Remove the liner from the Sticky Pad, and place it on your dashboard.
- Attach the SPEEDTRAP TRACKER to the magnet.



For best performance, the back of the SPEEDTRAP TRACKER should have a clear view of the road ahead, and be level to the ground.



Notice: UV rays may cause your dashboard to naturally fade or discolor over time, therefore we recommend you move your SPEEDTRAP TRACKER on a regular basis to prevent this discoloration. In rare cases, the Sticky Pad may cause discoloration to some dashboard materials (i.e. Subaru Forester and Toyota Sienna). Check with your auto manufacturer.

### 4. POWER UP.

- Press the POWER button to turn the SPEEDTRAP TRACKER on and off.

- The green POWER icon will be blink on the screen when the SPEEDTRAP TRACKER is on.



### 3. SPEED TRAP ALERT SIGNAL.

- When a speed trap is spotted, the red ALERT icon display will blink on the screen, and a loud audio tone will sound.



- After the loud audio tone sounds for 5 seconds, it will automatically decrease in volume.
- Once the speed alert is no longer detected by the SPEEDTRAP TRACKER, both the ALERT icon and audio tone will disappear.

### 4. AUTOMATIC SHUT-OFF

The SPEEDTRAP TRACKER has an AUTOMATIC SHUT-OFF designed to prolong battery life, if the SPEEDTRAP TRACKER is accidentally left on.

- If no speed trap has been detected for 60 minutes, the SPEEDTRAP TRACKER will give you a loud audio tone and the POWER icon will blink.
- Press the POWER button to keep the SPEEDTRAP TRACKER on.

### 5. REMOVE FROM YOUR DASHBOARD

The SPEEDTRAP TRACKER is designed to be easily removed from your dashboard

- Grasp the SPEEDTRAP TRACKER and lift it straight up. The Sticky Pad with the Mounting Magnet will remain attached to your dashboard.

- To reinstall the SPEEDTRAP TRACKER, place it on the Mounting Magnet.

- If your Sticky Pad gets becomes and no longer adheres to your dashboard or SPEEDTRAP TRACKER, clean it with mild soap and water to renew the “grip.”

### 6. MONITORING YOUR BATTERY POWER.

The SPEEDTRAP TRACKER includes a LOW BATTERY icon on the display screen.



- The yellow LOW BATTERY icon will light up when approximately 2 hours of battery life remain.
- The icon will flash for 10 seconds, accompanied by several loud audio warnings.
- This will repeat every half-hour until no battery power remains and the SpeedTrap Tracker shuts off.

### 7. CHANGING BATTERIES

The battery life for the AA alkaline batteries provided in the package is approximately 30-40 hours, based on average usage. To prolong battery life:

- Never use AA rechargeable batteries as they tend to have a shorter battery life.
- Do not mix old and new batteries.
- TURN OFF the SPEEDTRAP TRACKER whenever you leave your vehicle. Even a weak speed trap alert can cause the SPEEDTRAP TRACKER to remain on and drain your batteries.

## UNDERSTANDING RADAR BANDS AND SPEED MONITORING SYSTEMS

The SPEEDTRAP TRACKER is one of a new generation of “superwide” SpeedTrap Trackers that detects police speed traps. Devices operating on all three of the most common radar bands – X, K, and superwide KA. It also detects police laser devices and POP radar gun mode, and is invisible to VG-2 SpeedTrap Tracker-sensing technology.

### A History of Radar Band Activity

**X Band** – Except for a few early devices, most police radar devices only used the X band frequency (10.50~10.55 GHz) until the mid-1970's. Today this frequency is used by only a small number of police radar devices, as well as many non-radar devices such as automatic door openers and burglar alarms. The X band frequency produces most of the false alerts so common to SpeedTrap Trackers.

**K Band** – Police radar devices started using the K band frequency (24.05~24.25 GHz) to detect vehicle speed in 1976, leading to the development of the first dual band (X and K) SpeedTrap Trackers.

**KA Band (“wide-band”)** – The introduction of KA band photo radar (34.3 GHz) in the 1990's led to the development of tri-band SpeedTrap Trackers able to detect X, K and a small portion of KA bands. As the usable KA bandwidth expanded, “wide-band” SpeedTrap Trackers emerged capable of detecting X, K and wide KA (34.2~35.2 GHz).

**KA Band (“superwide-band”)** – In response to the BEE 36A police radar device, a new generation of “superwide-band” detectors has been developed, capable of detecting all radar devices operating on X, K and superwide KA (33.4~36.0 GHz) band. The SPEEDTRAP TRACKER is a superwide band SpeedTrap Tracker.

## TROUBLESHOOTING

Your SPEEDTRAP TRACKER SpeedTrap Tracker is designed to provide consistent and reliable service. If you experience any problems, please refer to this section for assistance.

1. My SPEEDTRAP TRACKER SpeedTrap Tracker does not power up when it's operating on battery power.
  - Check the batteries and replace them if necessary.
2. The SPEEDTRAP TRACKER did not alert when passing a police officer.
  - Check your batteries to make sure your SpeedTrap Tracker is receiving power.
  - Note that not all police officers are equipped with speed tracking equipment, or their device may not have been in use at that time.
3. The SPEEDTRAP TRACKER does not alert early enough.
  - Make sure the SpeedTrap Tracker is level to the road.
  - Make sure the SPEEDTRAP TRACKER back window is not obstructed. Move the SpeedTrap Tracker if necessary.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.



## SERVICE & REPLACEMENT

If you wish to return your SPEEDTRAP TRACKER radar detector directly to PNI Corporation, contact us between 8:00 a.m. and 5:00 p.m. (PST) Monday through Friday at the following phone numbers or email address. We'll give you instructions for returning your SPEEDTRAP TRACKER for repair or replacement.

Phone: (707) 566-2260

Fax: (707) 566-2261

Email: [returns@pnicorp.com](mailto:returns@pnicorp.com)

## SpeedTrap Tracker RW1100 FCC ID: QJ3-12565

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

## LIMITED WARRANTY

SHORT SUMMARY OF LIMITED WARRANTY FOR THE SPEEDTRAP TRACKER RW1100 For the Full Warranty and Limitation of Liability applicable to this product, see our Website at [www.pnicorp.com](http://www.pnicorp.com), select "Consumer Products" and click Download."

PNI Corporation ("PNI") manufactures its products from parts and components that are new or equivalent to new in performance, and warrants to the original user that this product will be free of defects in workmanship and materials for one (1) year from the date of purchase.

This warranty does not cover wear and tear due to normal use, or damage to the product as the result of improper usage, neglect of care, alteration, accident or unauthorized repair.

If the product is found by PNI to be defective, PNI will repair or replace the product and return the product or its replacement to you at no charge, provided that you ship the product to PNI at your expense with a description of the defect and subject to the other conditions of this warranty. Should the product prove to be irreparable, PNI may substitute an equivalent product of the same or similar style and of a value not in excess of the original purchase price of your unit.

PNI warrants the repaired or replacement product to be free from defects in material and workmanship on the same terms as the product originally purchased.

This warranty will be void if the products, serial number or other identification marks have been defaced, damaged or removed.

This warranty does not apply to the battery necessary to operate the product.

This warranty is extended to the original retail purchaser only and may not be transferred or assigned to subsequent owners. In order to validate your warranty, you must provide proof of purchase acceptable to PNI together with the product shipped for warranty repair/replacement.

Products returned to PNI must be pre-authorized by PNI with an RMA (return material authorization) number marked on the outside of the package. Please refer to the Service and Repair section for PNI Corporation contact information.



## **PNI Corporation**

133 Aviation Boulevard, Santa Rosa, CA 95403

T: (888) 422-6672 (Customer Service)

F: (707) 566-2261 **[www.pnicorp.com](http://www.pnicorp.com)**

© Copyright 2005. All rights reserved. SPEEDTRAP TRACKER  
is a trademark and SENSORO is a registered trademark of PNI Corporation.  
Sticky Pad and HandStands are registered trademarks of HANDSTANDS.