
TRAFFIC ADVISOR
STATIONARY DOPPLER RADAR
DOPPLER RADAR


## 1. BATTERY INSERTION AND GEITING STARTED

 unit.NITIAL SETUP
Remove the battery cover from the back of
the Traffic Advisor $r_{\text {. }}$. Insert the batteries in the direction indicated. by the polarity marks inside
the battery compartment and replace the cover the battery compartment and replace the cover. - Remove the clear plastic sticker that covers the
orange button and display on the front of the unit and the yellow sticker from the back of the



INSTANT ON
The Traffic Advisor, will turn itself on and begin the measurement sequence as soon as you "tap"
(quickly press and release) the ORANGE button. When the Traffic Advisor senses a moving object It will display the speed. Ifit does not find anything
it will display
There is no need to clear the display before making a new measurement. If you tap the button
again the disolay will be updated with the new again the display will be updated with the new
reading.


RECALL READINGS
To recall up to the last 10 measurements,
simply TAP the black RECALL button. Each simply TAP the black RECALL bution. Each
time the button is tapped, it will display the previously recorded speed, most recent first. $A$
single dash $4=3$ indicates that you have reached single dast "n" indii
the end of the ist.
AUTOMATIC SHUT-OFF
The Traffic Advisor... continues to display the las speed until the button is tapped again orit will automatically turn itself off atter 30 seconds
of inactivity.

## 2. IMPORTANT REMINDER

The Traffic Advisor ${ }_{T m}$ radar is designed for accurate traffic survey work in traffic engineering, safety and calming programs. It is certified accurate by the International Association of Chiefs of Police (IACP) designated radar test lab. However, it does not have all the features recommended for Law Enforcement use. The Traffic Advisor radar is NOT intended for Judicial Speed Enforcement applications.

Fcc class b product label statement

- This device complies with part 15 of the FCCC Ruess. O
(1) This device may not cause harmul intereference, and
(2) this device must accept any interferencer erecied indurd

FCC CLASS B USER MANUAL STATEMENT


 - Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and recever.
- Connect the equipment into an outtet on a circuit different from that to which the receiver is connected.

Consurthe coabroran experiencala
-Changes or modifications not expresssy approved by the party responsibie for compliance may void the user's suthority to operate the
3. OPERATIONAL BASICS

The Traffic Advisor $r_{\text {m }}$ Measures From the Back, Like a Camera Phone
SIDE VIEW

## 4. KNOW YOUR TRAFFIC ADVISOR RADAR



- Al Doppler speed radar technology measures objects moving in-line with the radar beam, no perpendicular. To get the most accurate readings, make sure the path of motion is within the narrow radar
beam cone about the shape of a focused flashlight beam). Tilting the Traffic Avvisorm too far up or down


Recall Button Displays ine Last 10 Measurements From the Unit's Memory.


Very Low Power Radio Waves are Emitted Fron This Radar Lens in a
Narrow Cone About the Narrow Cone About ine
Shape of a Focused Flashlight Beam.

Battery Compartment For 2AAA Alkaline Batteries or Recharceabble NiMMH Batteries

## 5．OPERATIONAL DETAILS

RADAR MEASUREMENT USING TRAFFIC ADVISOR －The Traftic Advisor．is a stationary mod
－The Traficic Advisor radar tracks the strongest signal displays，the speed of the venicice with the strongessestradadar retum，which his typicaly the cososest venicle．
－The Traficic Advisor，measures venicles that are approaching and receaing trom the stationary radar position．

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 30 seconons． continuedown．

## 6．ANGULAR INTERFERENCE

How to Avoid the COSINE Error

BUTTON
OPERATION
－Quickly TAP（press and release） measurement snapsphotot ot avevicie speed
The displyed speed wil reman visibe or
－Press and HoLD the orange button to continuuusly measuru the changing
speed of avenicice as t taccelerates or



－TAP the small black RECALL button to
review
rewe tracking history of the previous review the tracking
10
10 reocrded speeds

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## 11．SPECIFICATIONS

to 325 miles per hour（MPH）（ $+1-1$ MPH） 11 to 523 kilometers per hour（KPH）（＋1－2 KPH） 0 to 477 feet per second（FPS）（＋／－ 2 FPS） 3 to 145 meters per second（MPS）（＋／－ 1 MPS） Frequency： K －band（ $24.125 \mathrm{GHz}+1-50 \mathrm{MHz}$ ） Operating Temperature Range： $20^{\circ} \mathrm{F}$ to $120^{\circ} \mathrm{F}$ Size： $4.7 \times 2.3 \times 0.8$ Inches
Weight： 4.5 Ounces with Batteries
Memory Recall Function：Previous 10 Readings Battery Life：Over 10,000 Readings with 2 AAA Akaline Batteries


PocketRadar．com
8．CHANGE UNITS


## SUPPORT

We are happy to help．If you have any questions，concerns，or need any assistance，please contact us at

Support＠PocketRadar．com PocketRadar．com／TrafficAdvisor 888．381．2672

7．SOURGES OF INTERFERENCE

9．RANGE
10．VERIFYING THE RADAR ACCURACY
Tuning Fork Test

The tuning fork is calibrated to vibrate at a specific frequency that is picked up by
the radar as a precise speed reading．Tap the tines gently on a solid，non－metallic surface．Then hold the vibrating tuning fork with the narrow side facing the back of the radar，a tew inches away．Tap the bulton tor the tuning fork or radar during the measurement．If the speed reading is within $\pm 1$
MPH or $\pm 2$ KPH of the speed stamped on the fork，the radar gun is working properiv．
NOTE：Tapping the tines against very hard surfaces like concrete or metal
can possibly damage the tines．Be sure to only tap the tuning fork against

FROM $1 / 4$ MILE（ 0.4 KILOMETERS）

$\xrightarrow[\text { Radir }]{\text { Rad technology works by sending a signnal out to at }}$





AR
$\xrightarrow{\sim}$

Motorcycle
can possibly damage the tines．Be sure to only tap the tuning fork against
materials that are sorter than metal，such as wood or hard plastic


RACEATM） Position vibrating tuning fork behind radar as $\square$

