

Cat. No. 22-1699
Owner's Manual

Please read before using this equipment.

360
Laser/Radar Detector



FEATURES

Your RadioShack 360° Laser/Radar detector can alert you to all known police traffic radar and laser systems with its distinct visual and audio alerts. It receives X-, K-, and Ka-band radar signals, and detects both the instant-on and laser systems many police departments use to measure vehicle speed. Plus, your detector can give you advance warning of potential road hazards by detecting signals from transmitters that broadcast Safety Warning System™ alerts.

Note: Before reading this Owner's Manual, read the supplied booklet *Questions and Answers About Vehicle Speed Detection* to familiarize yourself with the terms and uses associated with your detector.

Your detector's features include:

Electric Compass — provides accurate heading information with alphanumeric display and LED panel.

Real Voice Alert — greets you as you turn on the detector and alerts you with different vocal indicators including radar and laser detection.

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SWS is a trademark of Safety Warning System, Inc.
Compass technology is licensed under US patent numbers 4,851,775 and 5,239,264
from Precision Navigation, Inc.
FAST is a registered trademark used by Tandy Corporation.
Instaclear is a registered trademark used by Ford Motor Company.
ElectriClear is a registered trademark by Libbey, Owens, Ford and Delco-Remy.

Alphanumeric Display - appears you turn on the detector and alerts you with various text messages including radar and laser detection

360°Detection – detects laser signals from all around your vehicle.

VG-2 Protection - makes your detector invisible to the VG-2 radar-detector when it senses VG-2 operation

X-, K-, Ka-Band(Newly Included Ka-POP), and Laser Signal Detection - warns you when it detects signals from traffic radar or laser devices. Different tone and display indicators let you know the type of signal received.

Safety Warning System Detection - alerts you to the presence of potential road hazards, and emergency vehicles signaled by Safety Warning System transmission.

City/Highway Modes - let you minimize alerts when you are in areas that have false radar sources.

City/Highway Selector and City/Highway Indicator - displays which mode is currently selected.

FAST® (False Alert Suppression Technology) - helps prevent false alarms caused by non-traffic radar sources.

Tutorial Mode – lets you experience how the detector alerts you with its detection display, tones, and real voice alert to all of the different signals the detector recognizes.

Auto Mute Mode – automatically reduce the audio volume of all alerts after 4 seconds for as long as the signal is detected. 3

Memory Retention - retains operational settings in memory without power, so when you turn on your detector, the setting will be the same as when you turned it off.

Instant On Radar Protection - alerts you to sudden high level and radar signals.

Your radar/laser detector includes the following items:

- coiled power cord
- windshield bracket with suction cups
- hook and loop tape
- Spare fuse
- Question and Answer About Vehicle Speed Detection

We recommend you record your detector's serial number here. The number is on the detector's bottom panel.

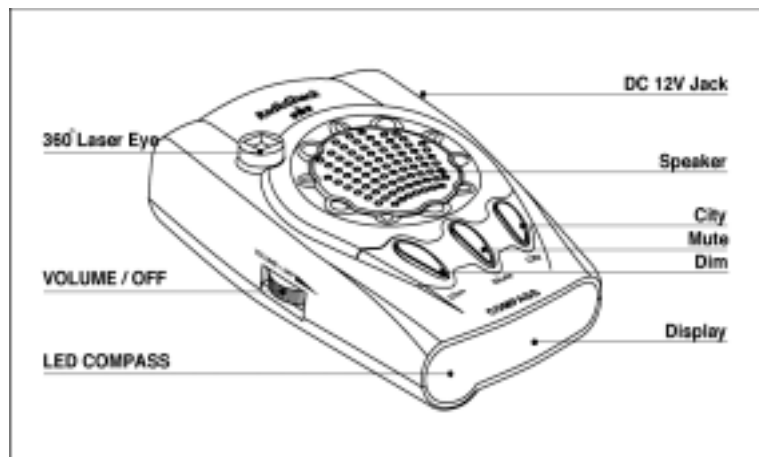
Serial Number: _____

Important: Some areas have laws regulating the use of radar detectors. Check with your local law enforcement agency about the laws in your area.

CONTENTS

A Quick Look	6
Installation	8
Selecting a Mounting Location	8
Mounting Guidelines,.....	8
Windshield Mounting	9
Hook and Loop Mounting	11
Connecting Power	12
Operation	13
Turning On the detector	13
Adjusting the Volume	13
Tutorial mode.....	14
ELECTRIC COMPASS.....	15
Operating Setting	17
Selecting the City and Highway Modes	17
Selecting Display Brightness	18
Muting the Audio Alert	18
Auto Mute mode.....	19
Selecting VG-2 Modes	20
Receiving and Identifying Radar, Laser, and Safety Alert Signals.....	20
SWS Categories and Messages.....	22
Troubleshooting	25
Care and Maintenance	27
Replacing the fuse	28

A QUICK LOOK



1. 360°Laser Eye – receives incoming laser signals directed at your vehicle from all directions.

2. DC 12V Jack – the power cord plugs in here.

3. DIM Button – controls the brightness of alphanumeric display.

4. Mute Button – silences the alert tone for about 20 seconds after the current signal is lost.

5. City (City/Highway) Button – switches between the city and highway modes.

6. Speaker – sounds a digital voice alert and tones let you know the types of radar and laser signals detected

7. LED Compass – indicates your heading information.

8. High Visibility Alphanumeric Display - provides distinct visual of signal detected, signal strength, and heading information, and indicates the selected operating mode.

9. VOLUME/OFF Control – turns the detector on and off and lets you adjust the volume.

SAFETY WARNING ® SYSTEM ™

The revolutionary Safety Warning System (SWS) has won formal approval from the Federal Communications Commission (FCC) to operate on the 24.05 ~ 24.25 GHz band for highway safety alerting and traffic signal control purposes.

The Safety Warning System employs low-powered transmitters used by some emergency services and road crews to alert drivers to hazardous road conditions. The SWS can indicate many different emergency or hazardous condition in the area (60 different messages are currently defined, with 3 additional messages for future use).

The system has the potential to dramatically decrease the occurrence of traffic accidents by increasing driver's awareness of local road hazards. Having this safety alert compatible radar/laser detector will ensure that you can benefit from this system wherever it is in use.

INSTALLATION

SELECTING A MOUNTING LOCATION

For the best performance, select a location for the detector where it has a direct view of the road. The detector's radar antenna is at the opposite end from display.

Note: Though the detector has a 360° laser and radar detection range, the radar detection is more sensitive in the front range.

Mounting Guidelines

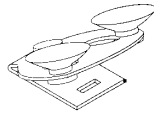
Follow these guidelines when selecting a location.

- Choose a location that does not block the driver's view of the road.
- Mount the detector in a level position with a clear view to both the front and rear of your vehicle.
- The detector's view of road must not be blocked by any metal object.
- Some vehicle have InstaClear® or ElectriClear® defogging windshield, which have metal coatings that block signals. General Mortor's APV vans have a solar shield that keeps the vehicle cooler during the summer, but also blocks signals. A detector installed in a vehicle with any of these features will probably not detect a signal.

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- Since window tinting reduces the reception strength of laser signals, you should not mount the detector behind any tinted glass.
 - Do not mount the detector where the driver or a passenger might hit it during a sudden stop or accident.

Caution: However you choose to mount the detector, place it out of view when you leave the vehicle. This keeps the detector out of sight of thieves and prevents exposing it to extremely high temperatures, which can temporarily impair your detector's performance.

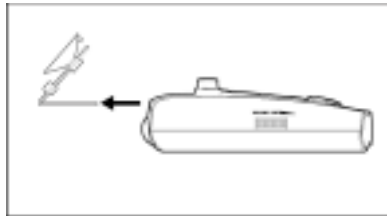
WINDSHIELD MOUNTING



The supplied suction-cup windshield bracket lets you easily mount the detector on the windshield.

Caution: Do not use the bracket in a vehicle that has a plastic coating on the windshield designed to protect passengers during an accident. If you use the bracket on this type of windshield, you might permanently mar the windshield's surface. For an alternative mounting method, see "Hook-and-Loop Mounting" on page 11. .

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1. Clean the selected windshield area, position the bracket on the windshield, and press firmly on each suction cup to secure it in place.
 2. Slide the detector onto the base plate until it snaps into place.



If it is necessary to adjust the mounting the mounting angle, remove the detector from the bracket. Then, remove the bracket from the windshield. Adjust the bracket the bracket by carefully bending it.



HOOK-AND-LOOP MOUNTING



In some vehicles, the dashboard may be the best location to mount the detector. For this mounting, use the supplied hook-and-loop tape. Follow these steps to use the hook-and-loop tape.

1. Use a damp cloth to thoroughly clean the bottom of the stand and the dashboard. Let both surfaces dry.

Note: The tape's adhesive might not stick to a surface treated with vinyl cleaner or protectant.

2. Remove the tape's paper backing and stick the tape to the bottom of the detector.

Notes : On a curved dashboard, you might need to cut the hook and loop tape in half and use one strip on each side of bottom of the stand.

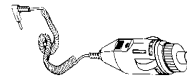
Remove the paper backing from the other side of the tape and press your detector onto the dashboard.



CONNECTING POWER

Caution:

- Use only the supplied power cord. If your power cord is lost or damaged, you can order a replacement cord from your local RadioShak store.
- Before plugging the power cord's cigarette-lighter plug into your vehicle's cigarette-lighter socket, make sure the plug's tip is screwed firmly onto the plug. See "Replacing the Fuse" on Page 26 for more information about the cigarette-lighter plug.
- Unplug the power cord's cigarette-lighter plug from your vehicle's cigarette-lighter socket when you turn off the ignition. This prevents your vehicle's battery from being drained if you leave the detector on when you turn off the ignition.



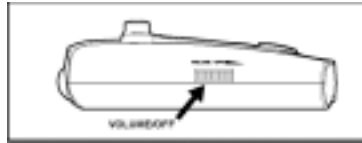
Plug the supplied power cord's barrel plug into the detector's DC 12V jack. Then plug the cord's cigarette-lighter plug into your vehicle's cigarette-light socket.

Note : If the detector does not operate when you turn it on, remove the cigarette-lighter plug from your vehicle's socket and check the socket for ashes and other debris. Also, check the fuse in the cigarette-lighter plug and your vehicle's fuse block (see "Replacing the Fuse: on Page 26).

OPERATION

TURNING ON THE DETECTOR

To turn on the detector, rotate the **VOLUME/OFF** toward **VOLUME** until it clicks. The detector sounds a tone, and greets you with its voice alert – “Welcome! Buckle your seat belt,” and a test message – **WELCOME** !. After self-testing, heading information and **HWY** appears on the alphanumeric display. (See “Selecting the City and Highway Modes” on page 17)



To turn off the detector, rotate the **VOLUME/OFF** towards **OFF** until it clicks and alphanumeric display turns off.

ADJUSTING THE VOLUME

Rotate **VOLUME/OFF** toward **VOLUME** to increase the detector's volume, rotate it toward **OFF** to reduce the volume.

TUTORIAL MODE

Your detector has the tutorial mode to demonstrate all of its alphanumeric display. In the tutorial mode, you can check the status of all the alphanumeric display.

Starting the Tutorial Mode

To start the tutorial mode, turn on the detector while holding down **DIM** and **CITY**. The tutorial mode starts **with 3 beep sounds** when **TUTORIAL** and **MODE** flash alternately.

Selecting the demonstration for Each Alert

To select the demonstration for each alert, press **DIM**. The detector display each alert along with its corresponding audio alert. The detector demonstrates the alerts in the order of 1 to 11 as shown below.

- | | |
|--------------------------|--------------------------------|
| 1. X-Band Alert | 8. VG-2 ALert |
| 2. K-Band Alert | 9. Rock Slide Area Ahead |
| 3. Ka-Band Alert | 10. School Zone Ahead |
| 4. Pro Laser Alert | 11. Road Narrow Ahead |
| 5. Pro Laser3 Alert | 12. Sharp Curve Ahead |
| 6. LTI-2020 laser alert | 13. .Pedestrian Crossing Ahead |
| 7. UltraLyte Laser Alert | |

Finishing the Tutorial Mode

To finish the tutorial mode, press **CITY** at any time.

ELECTRIC COMPASS

Your radar detector has an electronic compass that can display 8 different headings:

N, E, S, W, NE, NW, SE, SW

Note: The detector displays the electronic compass heading information until it picks up a signal. After the detector displays the signal, it returns to the electronic compass display.

Calibratiing the Electronic Compass

You must calibrate the electronic compass in your area before using it. The calibration allows the electronic compass to separate the earth's magnetic field from the magnetic fields generated by external influences such as your vehicle so that the electronic compass provides accurate heading information.

Before beginning the calibration, you must install the detector in your vehicle. See "Installation" on Page 9. The calibration is best performed on a leveled section of pavement, such as an empty parking lot.

Note : compass should not be calibrated under the conditions such as underground parking garage, around a metal structure, etc, so that the customer will know to do this in a open environment away from such obstacles.

When to Calibrate Your Unit

You must calibrate when :

1. It is being used for the first time.
2. It is being used in a different location.

Follow these steps to calibrate your detector.

1. Press CITY button for more than 2 seconds until the voice says "Please turn your vehicle twice" with 3 beep sound and "**CAL....**" Appears; then **TURN** and **TWICE** flash alternately.
2. With the detector mounted in your vehicle, turn the steering wheel all the way to the right or left and continue driving in a circular motion. Then press **CITY**.
3. After **WAIT flashes** 4 times, if the calibration is complete, **SUCCESS!** Appears and the voice says "Calibration complete."

After calibration, the heading appears.

Note: To achieve calibration, two circles must be made and it must be performed on a levelled surface in less than 2 minutes.

OPERATING SETTINGS

Selecting the City and Highway Modes

Your detector has two operating modes: city and highway. In city mode, the detector requires a stronger X-band signal before it sounds or displays an alert.

Notes:

- City Mode helps prevent false alerts in tightly populated areas where laser/radar signals can bounce off surrounding structure.
- The city mode has no effect on laser alerts or K/Ka - band signal.

The highway mode provides maximum sensitivity for open-road driving. The detector is preset to highway mode and **HWY** appears on the display when you turn it on.

To select the City Mode, press **CITY**. The voice says "City mode," and "**CTY**" appears on the display.

To return to the highway mode, press **CITY** again. The voice alert says "Highway mode," and "**HWY**" appears on the display again.

Selecting Display brightness

You can select from three levels of brightness for your radar detector: bright, dim, and dark.

Once you set the display brightness, the detector retains the setting until you change it. Pressing **DIM** once reduces the display's brightness by half. The voice alert says "Display dim." Pressing **DIM** a second time reduces the display's brightness by 90%; the voice alert says "Display dark." Pressing **Dim** a third time returns the display to full brightness; the voice alert says "Display bright."

Muting the Audio Alert

While the detector sounds a radar or Safety alert signal, press **MUTE** to temporarily silence the detector. When you press **MUTE**, the voice alert says "Mute on". The detector automatically resets the mute to off 20 seconds after the radar or safety alert signal stops. Or, press **MUTE** again before it resets, and the voice alert says "Mute off"

Auto Mute Mode

Auto Mute mode will automatically reduce the audio volume of all alerts after 4 seconds for as long as the signal is detected. The factory setting for Auto Mute is ON

Auto Mute On/Off

When Radar is on stand-By, press **MUTE** temporarily while no alert is occurring. Auto Mute will be off with 2 beep sound and **A disappear** on the display. If Auto Mute is set to ON, press **MUTE** again. Auto Mute will be on with 1 beep sound and **A appears** on the display.

			A		H	W	Y
--	--	--	---	--	---	---	---

Auto Mute Repeat-Delay Fuction.

When Auto Mute is on, if same radar signal is detected within 10 seconds again, reduced audio-volume is maintained.

Selection VG-2 modes

VG-2 mode is pre-set to on. To turn off VG-2, hold down **MUTE** until the voice alert says, "VG-2 Off" and "**VG2-OFF**" appears on the display.

To turn VG-2 on, hold down **MUTE** until the voice alert says, "VG-2 On" and "**VG2-ON**" appears on the display.

RECEIVING AND IDENTIFYING RADAR, LASER, AND SAFETY ALERT SIGNALS

When your detector senses a radar signals, **X**, **K**, or **KA** (**Newly included Ka-POP**) appears. An alert tone for the type of band detected sounds, and the display shows the signal strength in numeric form.

	X						9
--	---	---	---	---	---	---	---

	K						9
--	---	---	---	---	---	---	---

K	A						9
---	---	---	---	---	---	---	---

Note: The closer you get to the source of the radar, the higher the signal strength number increases.

For radar signal detection, if the signal strength number goes higher than **1**, the voice alert says. “**X**-band detected”, “**K**-band detected”, or “**KA**-band detected” respectively.

When your detector senses the laser signal, “**PRO LASER**“, “**PRO LASER3**“, “**LTI-2020 LASER**” or “**ULTRALYTE LASER**” scrolls and voice alert says, “Laser detected”.

When VG-2 is detected, “**VG-2**” flashes and the voice alert says, “VG-2 detected”.

When your detector senses a **SWS** signal, a message appears depending on which SWS signal is detected, an alert tone sounds for the type of signal detected, and the voice alert announces the message.

SWS Categories and Messages

Category 1

Highway Construction Maintenance

- 1) WORK ZONE AHEAD
- 2) ROAD CLOSED AHEAD / FOLLOW DETOUR
- 3) BRIDGE CLOSED AHEAD / FOLLOW DETOUR
- 4) HIGHWAY WORK CREW AHEAD
- 5) UTILITY WORK CREA AHEAD
- 6) ALL TRAFFIC FOLLOW DETOUR AHEAD
- 7) ALL TRUCKS FOLLOW DETOUR AHEAD
- 8) ALL TRAFFIC EXIT AHEAD
- 9) RIGHT LANE CLOSED AHEAD
- 10) CENTER LANE CLOSED AHEAD
- 11) LEFT LANE CLOSED AHEAD
- 12) - For future use

Category 2

Highway Hazard Zone Advisory

- 13) STATIONARY POLICE VEHICLE AHEAD
- 14) TRAIN APPROACHING / AT CROSSING
- 15) LOW OVERPASS AHEAD
- 16) DRAW BRIDGE UP
- 17) OBSERVE BRIDGE WEIGHT LIMIT
- 18) ROCK SLIDE AHEAD
- 19) SCHOOL ZONE AHEAD
- 20) ROAD NARROWS AHEAD
- 21) SHARP CURVE AHEAD
- 22) PEDERSTRAIN CROSSING AHEAD

Category 3

Highway Hazard Zone Advisory

- 23) DEER/MOOSE CROSSING
- 24) BLIND/DEAF CHILD AHEAD
- 25) STEEP GRADE AHEAD/TRUCK USE LOW GEAR
- 26) ACCIDENT AHEAD

-
- 27) POOR ROAD SURFACE AHEAD
 - 28) SCHOOL BUS LOADING/UNLOADING
 - 29) NO PASSING ZONE
 - 30) DANGEROUS INTERSECTION AHEAD
 - 31) STATIONARY EMERGENCY VEHICLE AHEAD
 - 32) - For future use

Category 4

Weather Related Hazards

- 33) HIGH WIND AHEAD
- 34) SEVERE WEATHER AHEAD
- 35) HEAVY FOG AHEAD
- 36) HIGH WATER/FLOODING AHEAD
- 37) ICE ON BRIDGE AHEAD
- 38) ICE ON ROAD AHEAD
- 39) BLOWING DUST AHEAD
- 40) BLOWING SAND AHEAD
- 41) BLOWING SNOW WHITE OUT AHEAD
- 42) - For future use

Category 5

Travel Information/Convenience

- 43) REST AREA AHEAD
- 44) REST AREA WITH SERVICE AHEAD
- 45) 24 HOUR FUEL SERVICE AHEAD
- 46) INSPECTION STATION OPEN
- 47) INSPECTION STATION CLOSED
- 48) REDUCE SPEED AREA AHEAD
- 49) SPEED LIMIT ENFORCED
- 50) HAZARDOUS MATERIALS EXIT AHEAD
- 51) CONGESTION AHEAD/EXPECT DELAY
- 52) EXPECT 10 MINUTE DELAY

Category 6
Travel Information/Convenience

- 53) EXPECT 20 MINUTE DEALY
- 54) EXPECT 30 MINUTE DEALY
- 55) EXPECT 1 HOUR DEALY
- 56) TRAFFIC ALERT/TURN AM RADIO
- 57) PAY TOLL AHEAD
- 58) TRUCKS EXIT RIGHT
- 59) TRUCKS EXIT LEFT
- 60) - For future use

Category 6
Fast/Slow Moving Vehicles

- 61) EMERGENCY VEHICLE IN TRANSIT
- 62) POLICE IN PURSUIT
- 63) OVERSIZED VEHICLE IN TRANSIT
- 64) SLOW MOVING VEHICLE

TROUBLESHOOTING

If you have problems operating your detector, the suggestions in this section might help. If you can not solve the problem after trying these suggestions, take your detector to your local RadioShack store for assistance.

Problem	Suggestion
The detector does not turn on.	Be sure all power connections are secure.
	The cigarette-lighter socket might be dirty. Clean it with fine emery cloth to ensure a good, clean connection.
	Check the fuse in the power cord's cigarette-lighter plug. See "Replacing the Fuse" on Page 28.
	Check the fuse that controls power to your vehicle's cigarette-lighter socket. See your vehicle's owner's manual.
Caution: Do not place any metal object other than the cigarette-lighter or cigarette-lighter plug in the cigarette-lighter socket. Doing so could blow a fuse in your vehicle or cause the metal object to become very hot	

Problem	Suggestion
The detector gives a false alert when you use vehicle accessories such as power windows, motorized mirror, brakes, and so on	Check the vehicle's electrical system for loose connection, including the main battery cable and alternator connections
	Install a filter capacitor (1000 μ F, 35 volts, such as RadioShack Cat. No. 272-1032) on the back of the cigarette lighter socket, across the power connections
The detector performs the self-test, but does not respond to radar signals when you see a police car	A police car might not be equipped with radar (see the supplied booklet, <i>Questions and Answers About Vehicle Speed Detection</i>)
	Police might be using VASCAR type speed detection (See the supplied booklet, <i>Questions and Answers About Vehicle Speed Detection</i>).
The detector has poor laser detection range	Be sure the laser detection lens is not blocked.
	Be sure the detector is properly mounted. See "Selecting a mounting Location" on Page 8.
	Use lens cleaning solution to clean the laser detection lens.

CARE AND MAINTENANCE

Your Radio Shack 360°Laser/Radar detector is an example of superior design and craftsmanship. The following suggestions will help you care for the detector so you can enjoy it for years.

- Keep the detector dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that can corrode the electrical circuits.
- Keep the detector away from dust and dirt, which can cause premature wear of parts.
- Handle the detector gently and carefully. Dropping it can damage circuit boards and the case and can cause detector to work improperly.
- Wipe the detector with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it.

Modifying or tampering with the detector's internal components can cause a malfunction and might invalidate its warranty. If your detector is not operating as it should, take it to your local Radio Shack store for assistance.

REPLACING THE FUSE

If the detector stops operating, follow these steps to check the fuse in the power cord's cigarette lighter plug and replace it with a 2 amp, 1 1/4 X 1/4, fast-acting fuse (Cat.No. 270-1007), if necessary.

Caution: Using a fuse that does not meet these requirements listed above can damage your detector, the power cable, or the vehicle's electrical system.

1. Carefully turn the knurled ring on the cigarette lighter plug counterclockwise to unscrew it.



Caution: If you must use pliers to loosen the ring, be careful not to crush the ring or the metal tip inside the ring.

2. Carefully remove the ring and tip from the cigarette lighter plug, then remove the old fuse.

Note: Take care not to lose the ring or tip, or the spring inside the plug.

3. Check the fuse. If it has blown, replace it.

4. Replace the metal tip inside the ring, make sure the spring is intact, then place the fuse inside the cigarette lighter plug and screw the ring back onto the plug. Make



sure the tip is visible when you reassemble the cigarette lighter plug.

Caution : Never use pliers or other tools to retighten the ring on the cigarette lighter plug.

FCC STATEMENT

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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE
FOR ANY RADIO OR TV INTERFERENCE CAUSED BY
UNAUTHORIZED MODIFICATIONS TO THIS EQUIP-
MENT. SUCH MODIFICATIONS COULD VOID THE
USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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