

## Racing Scanner



Thank you for purchasing your Racing Scanner from **RadioShack**. Please read this user's guide before installing, setting up, and using your new scanner.

# Contents

|                                            |           |
|--------------------------------------------|-----------|
| <b>Introduction .....</b>                  | <b>4</b>  |
| Package Contents .....                     | 4         |
| Features.....                              | 4         |
| Top View.....                              | 4         |
| Front View .....                           | 4         |
| Left View.....                             | 5         |
| Right View .....                           | 5         |
| Button Functions .....                     | 6         |
| <b>Setup .....</b>                         | <b>7</b>  |
| Powering Your Scanner .....                | 7         |
| Installing Batteries.....                  | 7         |
| Charging Ni-MH Batteries .....             | 7         |
| Using AC/DC Power .....                    | 8         |
| Connecting Headset/Earphones .....         | 9         |
| Attaching the Belt Clip.....               | 9         |
| <b>Basic Operation .....</b>               | <b>10</b> |
| Turning on the Scanner .....               | 10        |
| Selecting a Race Series .....              | 10        |
| Listening to Race Transmissions .....      | 10        |
| Browsing All Car Numbers.....              | 10        |
| Manually Inputting Car Numbers.....        | 11        |
| Scanning for Car Numbers.....              | 11        |
| Listening to the Motor Racing Network..... | 11        |
| Intercom .....                             | 11        |
| Adjusting the Volume .....                 | 12        |
| <b>Advanced Operation.....</b>             | <b>12</b> |
| Favorites List.....                        | 12        |
| Using the EDIT Menu .....                  | 12        |
| Frequency .....                            | 13        |
| FAV (Favorites) .....                      | 14        |
| Settings .....                             | 14        |
| Cloning Your Scanner .....                 | 16        |
| Delay.....                                 | 16        |
| Locking Out Channels .....                 | 17        |
| Cell Phone Operation.....                  | 17        |

|                                    |           |
|------------------------------------|-----------|
| Text Input Method.....             | 18        |
| Keylock .....                      | 18        |
| <b>Additional Information.....</b> | <b>19</b> |
| Scanning Legally.....              | 19        |
| Troubleshooting .....              | 20        |
| Care Instructions.....             | 20        |
| Service and Repair.....            | 20        |
| Specifications.....                | 21        |
| FCC Notice.....                    | 21        |
| Limited Warranty .....             | 22        |

# Introduction

## Package Contents

- Scanner
- Belt Clip
- Earphones
- User's Guide
- Quick Start

## Features

- Comes with 6 preloaded major race series categories: ARCA RE/MAX, Grand Am, Indy Racing League (IRL), Truck, NationWide Series, and Sprint Cup.
- Program a list of favorite cars for easy access.
- Get cell phone calls through your scanner during noisy races.

## Top View

### CAR No.

- Shows the current car number
- Display turns off when listening to MRN channels

### SEL/VOL

- Select race category, car number, favorite number, or MRN number
- Select options in the **EDIT** menu
- Increase/decrease the volume (with **FUNC**)

### Antenna



## Front View

### Race category

Grand Am

### Car/MRN number

26

Gotham Comp

### Driver name

### Signal indicator

TD

Lo

456.72500

### Frequency

### Delay indicator

Appears only when turned on

### Lockout indicator

## Left View

**PHONE / PC/IF**

Connect a 1/8 in (3.5mm) cable (not supplied) to clone scanners, receive cell phone calls, or update data from your computer

**MIC /** 

Insert earphones or a microphone headset to listen to races and receive cell phone calls

**PWR**

Insert an AC or DC adapter to charge or power your scanner (see page 8)

## Right View



# Button Functions

## MRN

- Press to access MRN radio.
- Press and hold to scan MRN channels (control tower radio, safety radio, etc.).

## FUNC

Use secondary scanner functions or change the volume.

## EDIT/KEYLOCK

- Change the car/MRN channel data or other settings.
- Use with FUNC to Lock/unlock the keypad.

## Number Keys

- Input a number or text character.
- Listen to a favorite channel.
- Press FUNC and 0 to lock out the selected channel.

## CLR/DELAY

- Clear an incorrect entry or go back to the previous screen.
- Use with FUNC to turns time delay for cars and MRN channels on or off.

## CAR

- Press briefly to input a car number.
- Press and hold for one second to scan car numbers.

## FAV

- Press briefly to input favorite car number.
- Press and hold for one second to scan the favorite bank.



- Press and hold to turn the scanner on or off.
- Press to turn on the backlight briefly.



## ↶/MON

- Talk on your cell phone using optional cable and headset.
- Use with FUNC to monitor a car or MRN channel.

## ENT

Press to confirm car or MRN channel entries, or changed settings.

# Setup

## Powering Your Scanner

You can power your scanner with three AA batteries, or with an AC or DC adapter (none included). For longest operation and best performance, use alkaline batteries, or use nickel-metal hydride (Ni-MH) rechargeable batteries.

### Installing Batteries

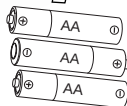
1. Turn off the scanner.
2. Remove the battery compartment cover.
3. Set the battery type selector switch inside the battery compartment to **ALK** for non-rechargeable alkaline batteries or **Ni-MH** for rechargeable batteries.
4. Insert three AA batteries, matching the polarity symbols (+ and -) marked inside.
5. Replace the battery compartment cover.

Ni-MH/ALK  
Switch



### Charging Ni-MH Batteries

1. Press and hold **POWER** to power off the scanner.
2. Make sure Ni-MH batteries are installed and the battery type selector switch is set to **Ni-MH**.
3. Plug an AC or DC power adapter (not supplied; see page 8) into the **PWR** jack.
4. **Charging** indicates the batteries are being charged.
5. When **Charge OFF** appears instead of **Charging** (about 14 hours for a full charge), the batteries are fully charged.
6. Disconnect the scanner from the power source.



**⚠ WARNING:** *Never install alkaline batteries with the battery type selector switch set to Ni-MH. Alkaline batteries can get hot or explode if you try to recharge them.*

### **Battery Notes:**

- *You can use scanner while charging batteries, but it is not recommended. The charging current decreases and charging takes longer.*
- *Do not over-charge rechargeable batteries. Overcharging shortens battery life.*
- *A low battery warning sounds every 30 seconds when the batteries are nearly depleted.*
- *Dispose of batteries promptly and properly. Do not burn or bury them.*
- *Use only fresh batteries of the required size and type.*
- *Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.*
- *Discontinue use of any battery that exhibits leakage, swelling, or abnormal generation of heat.*
- *If you do not plan to use the scanner for a month or longer, remove the batteries. Batteries can leak chemicals that can damage electronic parts.*

## Using AC/DC Power

To power the scanner from AC or DC (powered by car adapter) power, you need an optional AC or DC adapter (not supplied).

1. Make sure the battery type selector is set to **ALK** for alkaline batteries or **Ni-MH** for rechargeable batteries.
2. Plug the barrel plug of your AC or DC adapter into the **PWR** jack and the other end into your AC socket or DC car adapter socket.

### ⚠ Caution:

- You must use an adapter that supplies 6 volts and delivers at least 300mA. Its center tip must be set to negative, and its barrel plug must correctly fit the scanner's **PWR** jack. Using an adapter that does not meet these specifications could damage the scanner or the adapter.

## Connecting Headset/Earphones

Your scanner does not have an internal speaker, so to listen to your scanner or to receive cell phone calls (see page 17 for more information) you must use a microphone headset or earphones. You can also add a second microphone headset or earphones to talk to a friend more easily during noisy races.



**Option 1:** Connect the included earphones or any others with a 1/8 in. (3.5mm) jack to either set of  jacks on the left side of the scanner.

**Option 2:** Connect a microphone headset to the **A** set of  / **MIC** jacks to use with a cell phone, and to the **A** or **B** jacks to talk to another person.

## Attaching the Belt Clip

- Align the clip with the slot on the back of the scanner.
- Slide the clip down until it clicks into place.
- Pull the top notch slightly, and push up to remove.



# Basic Operation

## Turning on the Scanner

Press and hold  / . The scanner turns on and a welcome message appears for about 2 seconds. Press and hold again to turn off.

## Selecting a Race Series

1. Turn the **SEL/VOL** dial on top of the scanner to select one of the following preset race types:
  - NASCAR SprintCup (Sprint Cup)
  - NASCARnationwid (NationWide Series)
  - NASCAR Truck
  - ARCA (ARCA RE/MAX Series)
  - Grand Am
  - IRL (Indy) (Indy Racing League)
2. Press **ENT. LOAD DATA!!** appears briefly to remind you that your car number/channel data may not be up to date.

## Listening to Race Transmissions

After you select a race series, there are several options for listening at the race.

 **Note:** *Series names, car numbers, and drivers are subject to change without notice. Check that you have up-to-date information before you go to the race.*

## Browsing All Car Numbers

Turn the **SEL/VOL** dial to scroll through car numbers and driver names. If there are no transmissions, keep scrolling.

## Manually Inputting Car Numbers

1. Press **CAR** once and use the number keys to input a car number you want. If your inputted number is found, the scanner shows that number on the display.
2. If no car by that number is found, "Car#XX Not Stored" appears on the display. Press **CLR** to go back to browse mode and try again.

## Scanning for Car Numbers

1. Press and hold **CAR** until **SCAN** appears in the upper left corner of the display.
  2. Scanning stops if a transmission is found, so you can listen. When the transmission stops, scanning continues.
-  **Note:** You can program a two second delay into the scanner. See page 16 for details.
3. Press and hold **CAR** to return to regular listening mode. The selected race type appears in the upper left corner of the display.

## Listening to the Motor Racing Network

1. Press **MRN**. **M1** and the pre-programmed station name appears on the middle line of the display.
2. Turn the **SEL/VOL** dial to change stations  
– OR –  
Press and hold **MRN** to scan for transmissions.
3. Press and hold **CAR** once to return to car number scanning. Press and hold again to regular browsing mode.

## Intercom

1. Connect headset to both (A and B) headset jacks.
2. Press **PTT** on your headset to talk to another person.

Refer to your headset's user's guide for more details.

## Adjusting the Volume

1. Press **FUNC**. **FUNC** appears in the upper left corner of the display.
2. Turn the **SEL/VOL** dial on top of the scanner clockwise to increase and counterclockwise to decrease the volume. **VOL** and the volume number appear in the upper right corner of the display.

## Advanced Operation

### Favorites List

Follow these steps to program up to 10 favorite car numbers or MRN channels to listen to.

1. Navigate to the car number or MRN channel you want to save as a favorite by following the steps on pages 10 and 11.
2. Press the **FAV** button. **INPUT FAV#\_** appears in the upper left corner of the display.
3. Press the number key (1-0) where you want to place the car or channel, then press **ENT** to save.
4. While listening to your scanner, press a number key at any time to listen to that favorite.

### Using the EDIT Menu

1. Press **EDIT**.
2. Use the **SEL/VOL** dial to scroll through options and press **ENT** to select:
  - **FREQUENCY**
  - **PAGE TAG**
  - **FAV**
  - **Setting**
  - **PC/IF**
  - **CLONE**

## Frequency

1. Follow steps 1 and 2 under “**Using the EDIT Menu**” and select **FREQUENCY**.
2. Use the **SEL/VOL** dial to select **1:CAR#** or **2:MRN**, then press **ENT**.

### To edit existing entries:

1. Follow steps 1 and 2 under “**Frequency**” to select number (or driver), then press **ENT**.  
**Edit? 1:YES 2:NO** appears on the top line of the display.
  2. Press **1** to edit or press **2** to cancel and go back to car number/MRN channel selection.
  3. If the displayed car number is correct, press **ENT**. If not, enter the correct car number and press **ENT**.
  4. If there is already a car number by the number you inputted, the car number and **Duplicate? YES:1 NO:2** will appear on the display. You can store more than 1 frequency (max 26) on one car number. Press **1** to duplicate the number or **2** to go back and enter a new car number.
  5. The car number, **FREQUENCY**, and the current frequency number appear on the screen. Use the number keys (1-0) to enter a new frequency number and press **ENT**. The car number, **INPUT TAG**, and the current driver name/MRN station name appear.
-  **Note:** The decimal point in the frequency is added automatically.
6. Use the number and **FUNC** keys to enter a driver or MRN channel name. See “**Text Input Method**” on page 18.
  7. Press **ENT** to return to the list of car numbers or MRN channels.

### To input a new frequency:

1. Follow steps 1 and 2 under “**Frequency**,” select **NEW**, then press **ENT**. **CAR#** or **MRN#** appears on the top line of the display.
2. Input a car number or MRN channel number, then press **ENT**.
3. Follow steps 5 through 7 under “**To edit existing entries.**”

 **Note:** When editing MRN, if the number you enter is already stored, **ERROR INVALID INPUT** appears on the display. Press **CLR** and input the number again.

## Page Tag

1. Follow steps 1 and 2 under “**Using the EDIT Menu**” and select **PAGE TAG**.
2. Change the race series tag. Enter new tag using the number and **FUNC** keys. See “**Text Input Method**” on page 18.
3. Press **ENT** to store new entry.

## FAV (Favorites)

To clear favorites:

1. Follow steps 1 and 2 under “**Using the EDIT Menu**” and select **FAV**.
2. Rotate **SEL/VOL** to the channel number you want to clear, then press **ENT**.
3. Press **EDIT** to go back to the menu.

## Settings

1. Follow steps 1 and 2 under “**Using the EDIT Menu**” and select **Setting**. The following menu appears:

- **SQ**
- **Key Tone**
- **Power Save**
- **Display**
- **Back light**

### SQ (Squelch level)

1. Follow steps 1 and 2 under “**Settings**” and select **SQ**.
2. Rotate **SEL/VOL** clockwise to increase (up to 16) or counterclockwise to decrease (down to 01) the squelch level.
3. Press **ENT** to store the setting and exit to the settings menu.

 **Note:** Default squelch setting is 01.

## Key Tone

1. Follow steps 1 and 2 under “**Settings**” and select **Key Tone**.
2. Use **SEL/VOL** to select **Key Tone ON** or **Key Tone OFF**, then press **ENT**.

 **Note:** Turning key tones off does not turn off the error beep.

## Power Save

Your scanner features a power save circuit that is automatically activated when you monitor a single car number frequency. This allows the receiver to “Sleep” briefly while waiting for a call on the selected channel. Power save is off by default.

1. Follow steps 1 and 2 under “**Settings**” and select **Power Save**.
2. Rotate **SEL/VOL** to choose **Power Save ON** or **Power Save OFF**, then press **ENT**.

## Display

1. Follow steps 1 and 2 under “**Settings**” and select **Display**.
2. Rotate **SEL/VOL** to **Contrast** or **Frequency** and press **ENT**.
3. Contrast is set to 08 by default. Rotate **SEL/VOL** to increase or decrease the contrast (between 0 and 15) then press **ENT**.
4. Frequency display is on by default. Rotate **SEL/VOL** to select **ON** or **OFF**, then press **ENT**.

## Back Light

You can set the back light to turn on when you press any button, or only when you press the  /  button.

1. Follow steps 1 and 2 under “**Settings**” and select **Back light**.
2. Rotate **SEL/VOL** to choose **Light ON** (light turns on with any key press) or **Light OFF** (light turns on when you press  / ) , then press **ENT**.

## Cloning Your Scanner

You can transfer your scanner's data to and from another PRO-444 scanner using a connecting cable with 1/8-inch (3.5mm) stereo plugs on both ends (not supplied).

1. Turn on both scanners.
2. Connect the cable to each scanner's **PC/IF/PHONE** jack.
3. Press **EDIT** on both scanners.
4. Use the **SEL/VOL** dial to select **CLONE**, then press **ENT**.
5. Choose **RECEIVE** on the scanner you are transferring to, then press **ENT** twice.
6. Choose **SEND** on the scanner you are transferring from.
7. Press **ENT** twice on the scanner you are transferring from to send the data. **START!!** appears on the display.
8. When **FINISH!!** replaces **START!!**, remove the cable and press **EDIT** to go back to the menu.

CLONE RECEIVE  
START!!

CLONE RECEIVE  
FINISH!!

 **Note:** **ERROR!! Erasing DATA!!** appears if the scanner cable is removed during data transfer. To cancel the error, press **CLR** or **EDIT**. The target scanner resets to factory default settings. Retry cloning the data.

## Delay

Two-way radio systems often have a period of several seconds between a original and reply transmissions. To avoid missing a transmission while in scanning mode, you can program a two-second delay into any channel.

1. While monitoring a car channel, press **FUNC** then **DELAY**.
2. When your scanner stops on a car number channel with a programmed delay, **D** appears and the scanner continues to monitor

Grand Am  
26      Gotham Comp  
TD Lo      456.72500

that channel for two seconds after the transmission stops before resuming scanning.

3. To turn off the delay, press **FUNC** then **DELAY** while monitoring a car number/channel. **D** disappears. Delay is ON by default.

## Locking Out Channels

You can scan existing channels faster by locking out car numbers that have continuous transmissions.

### While scanning:

- Press **FUNC** then **0 (L/O)** when the scanner stops on the number you want to lock out. **L** appears on the display.

### Manually:

- Select the car number you want to lock out, then press **FUNC** and **0 (L/O)**. **L** appears on the display.
- To remove the lock out, manually select the car number, then press **FUNC** and **0 L/O**. **L** disappears.

 **Note:** You cannot lock out M1 channel.

## Cell Phone Operation

To answer your cell phone and talk using the scanner, you will need a microphone headset and a cable with 1/8" (3.5mm) plugs on either end (neither included).

1. Connect the microphone headset to the **A** set of  / **MIC** jacks on the left side of the scanner. The B set of jacks does not work with the cell phone feature.
2. Connect the 1/8" (3.5mm) cable to the **PC/IF/PHONE** jack on the right side of the scanner.
3. When your cell phone rings, answer it on the phone, then press the /**MON** button on the scanner to clear the transmission.
4. Hang up your cell phone when you are finished talking.

## Text Input Method

Follow the chart below to input text and numbers for the menu functions starting on page 12.

- For example, to enter the name "Rob," press **7, 3, 6 FUNC 3, 2 FUNC 2**.

| Button(s) Pressed | Output Characters       |
|-------------------|-------------------------|
| 1                 | 1 2 3 4 5 6 7 8 9 0     |
| 2                 | A B C                   |
| 2 FUNC            | a b c                   |
| 3                 | D E F                   |
| 3 FUNC            | d e f                   |
| 4                 | G H I                   |
| 4 FUNC            | g h i                   |
| 5                 | J K L                   |
| 5 FUNC            | j k l                   |
| 6                 | M N O                   |
| 6 FUNC            | m n o                   |
| 7                 | P Q R S                 |
| 7 FUNC            | p q r s                 |
| 8                 | T U V                   |
| 8 FUNC            | t u v                   |
| 9                 | W X Y Z                 |
| 9 FUNC            | w x y z                 |
| 0                 | ! . _ - # : ? " (space) |
| 0 FUNC            | & / @ * , ; ( ) ' =     |

 **Note:** If you make mistake, press **CLR** to delete all entries and start again.

## Keylock

Press **FUNC**, then **EDIT/KEYLOCK** to lock or unlock the keypad. When the keypad is locked, only **FUNC** and **EDIT/KEYLOCK** will work.

# Additional Information

## Scanning Legally

Your scanner covers frequencies used by many different groups including police and fire departments, ambulance services, government agencies, private companies, amateur radio, military operations, pager services, and wireline (telephone and telegraph) service providers. It is legal to listen to almost every transmission your scanner can receive. However, there are some transmissions you should never intentionally listen to. These include:

- Telephone conversations (cellular, cordless, or other private means of telephone signal transmission)
- Pager transmissions
- Any scrambled or encrypted transmissions

According to the Electronic Communications Privacy Act (ECPA), you are subject to fines and possible imprisonment for intentionally listening to, using or divulging the contents of such a transmission unless you have the consent of a party to the communication (unless such activity is otherwise illegal).

This scanner has been designed to prevent reception of illegal transmissions. This is done to comply with the legal requirement that scanners be manufactured so as to not be easily modifiable to pick up those transmissions. Do not open your scanner's case to make any modifications that could allow it to pick up transmissions that are illegal to monitor. Doing so could subject you to legal penalties.

We encourage responsible, legal scanner use.

In some areas, mobile use of this scanner is unlawful or requires a permit. Check the laws in your area. It is also illegal in many areas to interfere with the duties of public safety officials by traveling to the scene of an incident without authorization.

## Troubleshooting

| Problem                                     | Solution                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The scanner does not work                   | <ul style="list-style-type: none"> <li>The AC or DC adapter might not be connected. Be sure the adapter's barrel plug is fully inserted into the <b>PWR</b> jack. The center tip on the adapter's barrel plug must be set to positive.</li> <li>The batteries might be dead or need to be recharged. Recharge the rechargeable batteries or replace the alkaline batteries.</li> </ul> |
| The scanner is turned on, but will not scan | Try adjusting the squelch setting. See page 14 for more information.                                                                                                                                                                                                                                                                                                                   |
| The keypad doesn't work                     | Keylock might be turned on. See page 18 to turn it off.                                                                                                                                                                                                                                                                                                                                |

## Care Instructions

- Keep the scanner dry; if it gets wet, wipe it dry immediately.
- Use and store the scanner only in normal temperature environments.
- Handle the scanner carefully; do not drop it.
- Keep the scanner away from dust and dirt
- Wipe it with a damp cloth occasionally to keep it looking new.

## Service and Repair

If your scanner is not performing as it should, take it to your local **RadioShack** store for assistance. To locate your nearest **RadioShack**, use the store locator feature on **RadioShack's** website ([www.radioshack.com](http://www.radioshack.com)), or call 1-800-THE-SHACK (800-843-7422) and follow the menu options. Modifying or tampering with the scanner's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

## Specifications

|                                 |                  |
|---------------------------------|------------------|
| Memory Channels.....            | 1000 channel Max |
| Race Series .....               | 20-series Max    |
| Frequency Coverage .....        | 450-470 MHz      |
| Frequency Step .....            | 6.25 kHz         |
| Sensitivity (12 dB SINAD) ..... | 0.3 uV           |
| Selectivity .....               | -6 dB +/-10 kHz  |
| .....                           | -50 dB +/-18 kHz |
| Scan Speed .....                | 40 channels/sec. |
| Delay Time .....                | 2 seconds        |

### IF Frequencies:

|          |          |
|----------|----------|
| 1st..... | 21.4 MHz |
| 2nd..... | 450 kHz  |

### Squelch Sensitivity:

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Threshold (SQ1) .....              | 0.3 uV                                             |
| Tight (SQ) .....                   | (S+N)/N-30 dB                                      |
| Audio Output Power (10% THD) ..... | 24 mW Nominal                                      |
| .....                              | (32 ohm at earphone)                               |
| Operating Temperature .....        | 14 to 140° F                                       |
| .....                              | (-10 to +60° C)                                    |
| Power Requirements .....           | 4.5 volts DC, 3AA Batteries                        |
| AC Adapter .....                   | 6 V 300 mA                                         |
| Current Drain (Squelched) .....    | 40mA                                               |
| Dimensions (HWD) .....             | 5 7/8 × 2 11/16 × 1 7/16 inches (150 × 69 × 36 mm) |
| Weight.....                        | 5.3 oz. (150 g)                                    |

## FCC Notice

This equipment has been tested and found to comply with the limits for a scanning receiver, 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.

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.

## Limited Warranty

**RadioShack** warrants this product against defects in materials and workmanship under normal use by the original purchaser for **one (1) year** after the date of purchase from a **RadioShack**-owned store or an authorized **RadioShack** franchisee or dealer. **RADIOSHACK** MAKES NO OTHER EXPRESS WARRANTIES.

This warranty does not cover: (a) damage or failure caused by or attributable to abuse, misuse, failure to follow instructions, improper installation or maintenance, alteration, accident, Acts of God (such as floods or lightning), or excess voltage or current; (b) improper or incorrectly performed repairs by persons who are not a **RadioShack** Authorized Service Facility; (c) consumables such as fuses or batteries; (d) ordinary wear and tear or cosmetic damage; (e) transportation, shipping or insurance costs; (f) costs of product removal, installation, set-up service, adjustment or reinstallation; and (g) claims by persons other than the original purchaser.

Should a problem occur that is covered by this warranty, take the product and the **RadioShack** sales receipt as proof of purchase date to any **RadioShack** store in the U.S. **RadioShack** will, at its option, unless otherwise provided by law: (a) repair the product without charge for parts and labor; (b) replace the product with the same or a comparable product; 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.

**RADIOSHACK** EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND, IF APPLICABLE, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, SHALL EXPIRE ON THE EXPIRATION OF THE STATED WARRANTY PERIOD.

EXCEPT AS DESCRIBED ABOVE, **RADIOSHACK** SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OF THE PRODUCT 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 AND ANY LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT AND 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. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. You may contact **RadioShack** at:

**RadioShack** Customer Relations  
300 RadioShack Circle, Fort Worth, TX 76102

04/08

[www.RadioShack.com](http://www.RadioShack.com)



Protect the environment by recycling your used electronics. Go to [E-CyclingCentral.com](http://E-CyclingCentral.com) to find an electronic recycling center near you.