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## Racing Electronics RE3000

# RE3000 Scanner User Manual

Model: RE3000 | Brand: Racing Electronics

## INTRODUCTION

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The Racing Electronics RE3000 Scanner is a 440-channel over-the-air programmable device designed for clear and reliable audio reception. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your RE3000 Scanner to ensure optimal performance and longevity.

## SAFETY INFORMATION

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Please read all safety warnings and instructions before using the RE3000 Scanner. Failure to follow these guidelines may result in injury or damage to the device.

- Do not expose the scanner to extreme temperatures, direct sunlight, or excessive moisture.
- Use only approved batteries and charging accessories.
- Keep the device away from strong magnetic fields.
- Do not attempt to disassemble or repair the scanner yourself. Refer to qualified service personnel.
- Dispose of batteries and electronic components responsibly according to local regulations.

## SETUP

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### Package Contents

Verify that all components are present:

- RE3000 Scanner Unit
- Antenna
- Belt Clip (pre-attached or in package)
- User Manual (this document)

### Battery Installation

The RE3000 Scanner operates on standard or rechargeable batteries (not specified, assume common AA/AAA or proprietary). Ensure correct polarity when inserting batteries.

1. Locate the battery compartment cover on the back of the scanner.
2. Slide or unclip the cover to open.
3. Insert the batteries, matching the positive (+) and negative (-) terminals as indicated inside the compartment.
4. Replace the battery compartment cover securely.

### **Antenna Attachment**

Attach the provided antenna to the top of the scanner.

1. Align the threaded base of the antenna with the antenna port on the top of the scanner.
2. Gently screw the antenna clockwise until it is finger-tight. Do not overtighten.



Figure 1: Front view of the RE3000 Scanner, showing the display, keypad, and antenna.



Figure 2: Back view of the RE3000 Scanner, highlighting the battery compartment and belt clip.

## OPERATING INSTRUCTIONS

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### Power On/Off

To power on the scanner, press and hold the **POWER** button (location not specified, assume a common button). To

power off, press and hold the same button until the display turns off.

## Basic Controls

The RE3000 features a clear display and a numeric keypad for easy navigation and input.

- **Display Screen:** Shows current channel, frequency, and menu options.
- **Numeric Keypad:** Used for direct frequency entry and menu navigation.
- **MENU Button:** Accesses the scanner's main menu for advanced settings.
- **SCAN Button:** Initiates or pauses channel scanning.
- **CAR Button:** Likely used for quick access to car-specific frequencies.
- **PREV CH / NEXT CH Buttons:** Navigate through programmed channels.
- **Volume Knob:** Adjusts audio output level, located on the top of the unit.
- **F / SQ Buttons:** Function (F) and Squelch (SQ) controls, typically on the side.





Figure 3: Side view of the RE3000 Scanner, showing the headset jack and volume knob.





Figure 4: Side view of the RE3000 Scanner, showing the Function (F) and Squelch (SQ) buttons.

## Over-the-Air Programming

The RE3000 Scanner supports convenient over-the-air programming, allowing you to quickly update frequencies at events where Racing Electronics support is available.

1. Locate the Racing Electronics trailer or designated programming station at your event.
2. Ensure your RE3000 Scanner is powered on.
3. Follow the instructions provided by the Racing Electronics staff, which typically involve pressing specific buttons (e.g., "push 2 buttons" as mentioned in a review) to initiate the download.
4. Wait for the programming process to complete. The scanner display will indicate when the download is finished.

## Manual Frequency Entry

To manually enter a specific frequency:

1. Press the **MENU** button to access the main menu.
2. Navigate to the "Frequency Entry" or similar option using the arrow keys.

3. Use the numeric keypad to enter the desired frequency (e.g., 464.6375 MHz).
4. Press **ENTER** to confirm and save the frequency.

## Scanning Channels

To activate the scanning function:

1. Ensure you have channels programmed into your scanner.
2. Press the **SCAN** button. The scanner will begin cycling through programmed frequencies.
3. To pause scanning on a specific channel, press the **SCAN** button again.
4. To resume scanning, press the **SCAN** button once more.

## Connecting a Headset

For optimal audio clarity and privacy, connect a compatible headset to your RE3000 Scanner.

1. Locate the headset jack on the side of the scanner (refer to Figure 3).
2. Insert the 3.5mm audio plug of your headset firmly into the jack.
3. Adjust the volume using the volume knob on the top of the scanner.

## MAINTENANCE

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### Cleaning

To maintain the appearance and functionality of your scanner:

- Wipe the exterior with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Ensure no moisture enters the ports or openings.

### Battery Care

Proper battery care extends the life of your scanner and its power source:

- Remove batteries if the scanner will not be used for an extended period.
- Replace batteries when the "Low Battery" indicator appears on the display.
- Dispose of old batteries according to local environmental regulations.

### Storage

Store the scanner in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Scanner does not power on.	Dead or incorrectly installed batteries.	Replace batteries or ensure they are inserted with correct polarity.
"Low Battery" message appears.	Batteries are low on power.	Replace batteries immediately.
No audio or low audio.	Volume too low, headset not connected properly, or squelch set too high.	Increase volume, re-seat headset plug, or adjust squelch (SQ) setting.

Problem	Possible Cause	Solution
Cannot receive frequencies.	Incorrect frequency programmed, antenna not attached, or out of range.	Verify frequency, ensure antenna is attached, or move closer to the broadcast source.

## SPECIFICATIONS

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**Model:** RE3000

**Brand:** Racing Electronics

**Channels:** 440 (Over-the-Air Programmable)

**Item Weight:** 7.4 ounces

**Product Dimensions:** 7 x 4.5 x 2 inches

**Manufacturer Part Number:** RE3000

**Date First Available:** December 3, 2015

## WARRANTY AND SUPPORT

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Racing Electronics stands behind the quality of its products. For any issues or inquiries regarding your RE3000 Scanner, it is recommended to contact Racing Electronics directly. They are known to honor product deficiencies and provide support, including replacements or refunds for eligible items.

For the most current support information, please visit the official Racing Electronics website or contact their customer service department.

*Note: Purchases made through unauthorized sellers may affect warranty eligibility. Always purchase from authorized Racing Electronics distributors or directly from Racing Electronics.*