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Pocket Radar SR1100

Pocket Radar Smart Coach Speed Gun Instruction Manual

Model: SR1100 | Brand: Pocket Radar

1. PRODUCT OVERVIEW

The Pocket Radar Smart Coach Speed Gun is a portable, high-accuracy radar device designed for measuring the speed of various sports objects, including baseballs, softballs, and cricket balls. It integrates with a companion mobile application to provide real-time data, video analysis, and performance tracking, making it a valuable tool for athletes, coaches, and parents.



Figure 1.1: Pocket Radar Smart Coach device and companion app interface.

Key Features:

- **Pro-Level Accuracy:** Delivers ± 1 mph accuracy for precise speed measurements.
- **Smart App & Video Integration:** Connects to a free companion app for video overlay, mechanical analysis, and confidence building.
- **Performance Tracking:** Measures and tracks velocity in real-time during games, practices, or training sessions.
- **Remote Coaching & Recruiting:** Facilitates sharing of video clips and performance data with coaches and recruiters.
- **Multi-Sport Use:** Suitable for baseball, softball, cricket, tennis, volleyball, and other sports.



Figure 1.2: Overview of the Smart Coach's capabilities.

2. SETUP AND INITIAL USE

2.1 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Open the compartment cover.
3. Insert two (2) AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

2.2 App Installation and Pairing

1. Download the official Pocket Radar app from the Apple App Store (for iOS 10 and above) or Google Play Store (for Android OS 6.0 and above).
2. Ensure your mobile device has Bluetooth 4.0 or higher enabled.
3. Turn on the Pocket Radar Smart Coach device by pressing the power button.
4. Open the Pocket Radar app on your smartphone or tablet.
5. Follow the in-app instructions to pair your Smart Coach device via Bluetooth.



Figure 2.1: The Smart Coach radar is designed for easy setup.

3. OPERATING INSTRUCTIONS

3.1 Taking a Speed Measurement

The Smart Coach offers two primary operating modes: Manual and Continuous.

- **Manual Mode:** Press the 'MODE/RECALL' button to initiate a measurement. The device will display the speed of the fastest object detected within its range.
- **Continuous Mode:** This mode provides ongoing speed readings. Note that continuous mode consumes battery power more rapidly.

For optimal accuracy, position the device directly in line with the path of the object being measured. The effective measurement range is up to 120 feet, detecting speeds between 25 and 130 MPH.



Figure 3.1: Real-time velocity readings for player development.

3.2 Using the Companion App

The Pocket Radar app enhances the functionality of your Smart Coach device:

- **Video Overlay:** Record video with speed readings overlaid in real-time.
- **Data Tracking:** Log and review historical speed data for individual sessions or over time.
- **Pitch Charting/Tagging:** Organize and categorize pitches within the app (requires Pocket Radar PLUS subscription).
- **Slo-Motion Video Playback:** Analyze mechanics in detail (requires Pocket Radar PLUS subscription).
- **Data Export:** Export performance history to CSV for further analysis.

INSTANTLY ACCESS AND EXPORT YOUR PERFORMANCE HISTORY IN THE APP

Making progress tracking and performance assessment more efficient than ever!



4. MAINTENANCE

4.1 Cleaning

To clean the device, use a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the device's surface or internal components.

4.2 Battery Replacement

When the battery indicator on the display shows low power, replace both AAA batteries as described in Section 2.1. For extended use, especially in continuous mode, consider using an external power bank connected via the micro USB port.

4.3 Storage

Store the Pocket Radar Smart Coach in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries to prevent leakage.

5. TROUBLESHOOTING

- **Device Not Powering On:** Check battery installation and ensure batteries are fresh.
- **Inaccurate Readings:** Ensure the device is positioned correctly (in line with the object's path) and within the specified range (25-130 MPH, up to 120 feet). Obstructions can interfere with readings.
- **App Connection Issues:** Verify Bluetooth is enabled on your mobile device and the Smart Coach. Restart both the device and the app if connection fails. Ensure your mobile device meets the minimum OS requirements.
- **Short Battery Life:** Continuous mode consumes more power. Consider using an external power bank for longer sessions.

6. SPECIFICATIONS

| Feature | Detail |
|--------------------|--|
| Model Number | SR1100 |
| Item Weight | 3.99 ounces |
| Product Dimensions | 4.5 x 2.25 x 0.75 inches |
| Batteries | 2 AAA batteries (included) |
| Display Type | LED |
| Power Source | Battery Powered |
| Compatible Devices | Apple Devices (iOS 10+), Android Devices (OS 6.0+), Bluetooth 4.0+ |
| Measurement Range | 25 - 130 MPH |

| Feature | Detail |
|--------------|-------------------|
| Accuracy | ±1 MPH |
| Manufacturer | Pocket Radar Inc. |

7. SUPPORT AND WARRANTY

For technical assistance, product inquiries, or warranty information, please refer to the official Pocket Radar website or contact their customer support directly. Pocket Radar products are designed for reliability and accuracy, backed by their commitment to quality.

Please retain your proof of purchase for any warranty claims.