Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

MiLESEEY R2B

MiLESEEY R2B 200ft Laser Measurement Tool User Manual

Model: R2B

1. Introduction

This manual provides detailed instructions for the safe and effective use of your MiLESEEY R2B Laser Measurement Tool. The R2B is a versatile device designed for accurate distance, area, volume, and angle measurements, featuring a unique built-in wheel for curved surfaces and a laser line marking function. Please read this manual thoroughly before operating the device.



Image: The MiLESEEY R2B Laser Measurement Tool, showcasing its display and control buttons.

2. Setup

2.1 Unpacking

Carefully remove all components from the packaging. Ensure the following items are present:

- MiLESEEY R2B Laser Measurement Tool
- USB Type-C Charging Cable
- User Manual (this document)
- Carrying Pouch (may vary by package)



Image: The MiLESEEY R2B device shown with its included accessories, such as batteries and a carrying pouch.

2.2 Charging the Device

The R2B is powered by a built-in Lithium-Ion battery. Before first use, fully charge the device using the provided USB Type-C cable.

1. Connect the USB Type-C cable to the charging port on the device.
2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer USB port.
3. The charging indicator on the screen will show the charging status.
4. Once fully charged, disconnect the cable.



Image: The MiLESEEY R2B display showing indicators for voice notice and battery status.

3. Operating Instructions

3.1 Power On/Off

- To power on: Press the **MEAS** button briefly.
- To power off: Press and hold the **OFF/CLEAR** button for a few seconds. The device will also automatically power off after a period of inactivity to conserve battery.

3.2 Basic Measurement (Single Distance)

1. Ensure the device is powered on.
2. Point the laser beam at the target surface.
3. Press the **MEAS** button once. The measurement will be displayed on the screen.

3.3 Measurement Modes

The MiLESEEY R2B offers multiple measurement modes. Use the**MODE** button to cycle through the available functions.

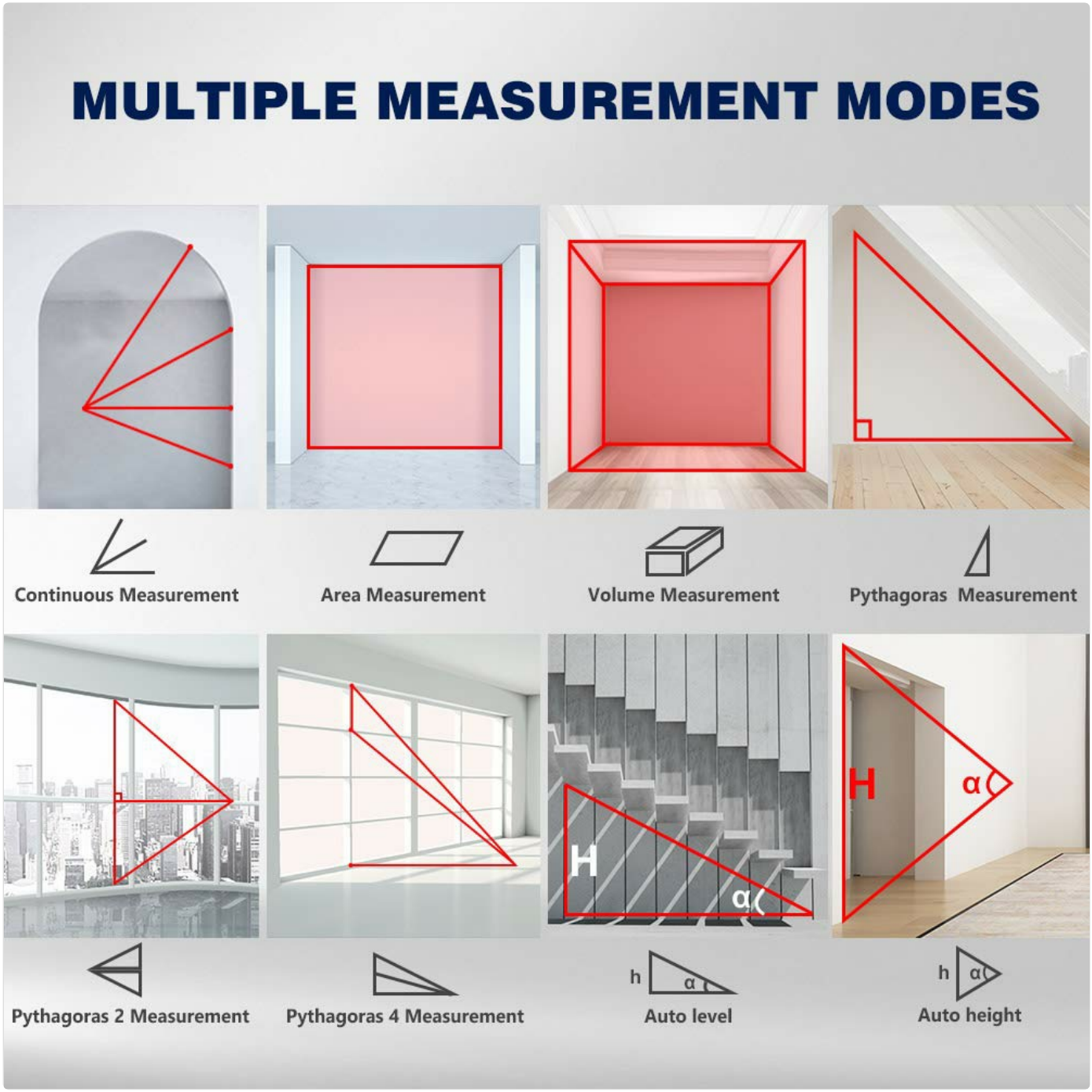


Image: Visual representation of various measurement modes available on the MiLESEEY R2B, including continuous, area, volume, and Pythagorean calculations.

3.3.1 Built-in Wheel Measurement (Curved Surfaces)

This unique feature allows for measuring curved or irregular surfaces.

1. Select the wheel measurement mode using the**MODE** button.
2. Place the wheel firmly against the starting point of the curved surface.
3. Roll the device along the curve to the endpoint. The distance will be calculated and displayed in real-time.



Image: The MiLESEEY R2B demonstrating its built-in wheel for measuring curved surfaces, such as furniture edges.

3.3.2 Area Measurement

To calculate the area of a rectangular space:

1. Select the area measurement mode.
2. Measure the first side (length) by pressing **MEAS**.
3. Measure the second side (width) by pressing **MEAS** again.
4. The device will automatically calculate and display the area.

3.3.3 Volume Measurement

To calculate the volume of a rectangular space:

1. Select the volume measurement mode.
2. Measure the length, width, and height sequentially by pressing **MEAS** after each dimension.
3. The device will automatically calculate and display the volume.

3.3.4 Pythagorean Measurement

This mode allows indirect measurement of heights or distances using the Pythagorean theorem.

1. Select the desired Pythagorean mode (e.g., two-point or three-point).
2. Follow the on-screen prompts to measure the required sides (hypotenuse, base).
3. The device will calculate the unknown side.

3.3.5 Point-to-Point Measurement (3D Positioning)

This advanced feature allows measuring the distance between any two points in space.

1. Select the point-to-point measurement mode.
2. Follow the on-screen instructions to aim and measure the first point, then the second point.
3. The distance between these two points will be displayed.



Image: The MiLESEEY R2B demonstrating point-to-point measurement, showing how it calculates distance between two points in a room.

3.3.6 Laser Line Marking Function

The device can project a laser line for marking purposes.

1. Select the laser line marking mode.
2. Position the device to project the laser line onto the desired surface.
3. The real-time angle of the laser line is displayed, allowing for precise alignment.



Image: The MiLESEEY R2B being used for auxiliary marking, projecting a laser line on a wall for alignment, with options for fixed or adjustable angles.

3.3.7 Angle Sensor (Auto Level/Height)

The built-in electronic angle sensor automatically measures angles, enabling auto-level and auto-height functions.

- In relevant measurement modes, the angle will be displayed on the screen.
- Use this feature for precise leveling or determining heights indirectly.

3.4 Unit Switching

To change measurement units (e.g., meters, feet, inches), press the**UNIT** button repeatedly until the desired unit is displayed.

3.5 Data Memory and Bluetooth Connectivity

The device can store up to 50 groups of data. It also features Bluetooth connectivity for real-time data transmission to a compatible app.

- **Data Memory:** Review stored measurements by navigating through the memory function.
- **Bluetooth:** Activate Bluetooth on the device and pair it with your smartphone or tablet using the dedicated MiLESEEY app for advanced functions like real-world annotation, CAD drawing, and data export.



Image: The MiLESEEY R2B's 2.4-inch HD colored screen displaying measurement data and indicating its 50-set data memory capacity.

3.6 Voice Broadcast

The device includes a voice broadcast function for measurements. This can be enabled or disabled through the settings menu to suit your preference.

4. Maintenance

4.1 Cleaning

- Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the laser lens and display screen are kept clean for optimal performance.

4.2 Storage

- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.

4.3 Durability

The MiLESEEY R2B is designed with an IP65 rating, making it waterproof and dustproof. This allows for reliable operation in various environmental conditions.



Image: Two individuals in construction settings, illustrating the MiLESEEY R2B's IP65 waterproof and dustproof capabilities in challenging environments.

5. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully.
Inaccurate measurements.	Laser obstructed, unstable surface, or incorrect measurement mode.	Ensure a clear path for the laser, measure from a stable position, and verify the correct mode is selected. Calibrate if necessary (refer to advanced settings in the device menu).
Laser dot is hard to see.	Bright ambient light (e.g., direct sunlight).	Use a target plate or measure in shaded areas. This is a common limitation of laser devices in bright conditions.
Wheel measurement is unreliable.	Wheel slipping on surface.	Apply consistent pressure and roll smoothly. Ensure the surface is suitable for wheel measurement (not too slippery or uneven).
Voice broadcast is too loud/unwanted.	Voice broadcast enabled.	Access the device settings to disable or adjust the volume of the voice broadcast.
Bluetooth connection issues.	Device not in pairing mode, app issues, or interference.	Ensure Bluetooth is enabled on both devices and the R2B is in pairing mode. Restart the app and device. Check for app updates.

6. Specifications

Feature	Detail
Brand	MiLESEEY
Model Number	R2B
Measuring Range	Up to 200ft (60m)
Laser Class	Class 2, 630-670nm, <1mW
Measurement Accuracy	±2mm
Roller Accuracy (Wheel)	±1mm
Display	2.4 inch HD Color Backlight Screen
Data Memory	50 groups
Connectivity	Bluetooth
Power Source	Lithium-Ion Battery (rechargeable via Type-C USB)
Water/Dust Protection	IP65
Material	Rubber
Product Dimensions	5.1L x 2W x 14H Centimeters

Feature	Detail
Item Weight	200 Grams

7. Warranty Information

MiLESEEY products are manufactured to high-quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.

The warranty typically covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official MiLESEEY website.

An optional 1-year extended warranty may be available for purchase. Please check with your retailer for details.

8. Customer Support

If you encounter any issues or have questions regarding your MiLESEEY R2B Laser Measurement Tool that are not addressed in this manual, please contact MiLESEEY customer support through the following channels:

- **Official Website:** Visit the MiLESEEY official website for FAQs, support resources, and contact information.
- **Email Support:** Refer to your product packaging or the official website for the customer support email address.
- **Retailer Support:** For purchase-related inquiries, contact the retailer from whom you purchased the device.

Important: When contacting support, please have your product model (R2B) and purchase details readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B095HS37Y5

More documents and user manuals: **https://manuals.plus/**