

JRHC HC-655WB

JRHC HC-655WB Barcode Scanner User Manual

Model: HC-655WB

1. INTRODUCTION

Thank you for choosing the JRHC HC-655WB Barcode Scanner. This device is a versatile 3-in-1 handheld scanner designed for efficient data capture. It supports 1D, 2D, and QR codes and offers multiple connectivity options: 2.4G wireless, Bluetooth, and USB wired. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance.

2. KEY FEATURES

- **3-in-1 Connectivity:** Supports 2.4G Wireless, Bluetooth, and USB Wired modes for flexible use.
- **Broad Compatibility:** Works with Windows, Mac OS, Linux, Android, and iOS operating systems.
- **Comprehensive Scanning:** Quickly and accurately reads both 1D and 2D barcodes, including QR codes.
- **Long Wireless Range:** Up to 150 meters (492 feet) in open environments, and 50 meters (164 feet) with obstacles in 2.4G wireless mode.
- **Durable Design:** Ergonomically shaped and constructed with ABS material, capable of withstanding drops from 1.5 meters (5 feet) onto concrete.
- **High-Capacity Battery:** Integrated 2000mAh battery provides 15-20 hours of continuous scanning or up to 60 days of standby time on a single charge.
- **Type-C Charging:** Convenient and reliable Type-C charging interface.

3. SETUP AND CONNECTIVITY

3.1. Connectivity Modes

The JRHC HC-655WB scanner offers three connection methods to suit various environments and devices:

3-in-1接続モード

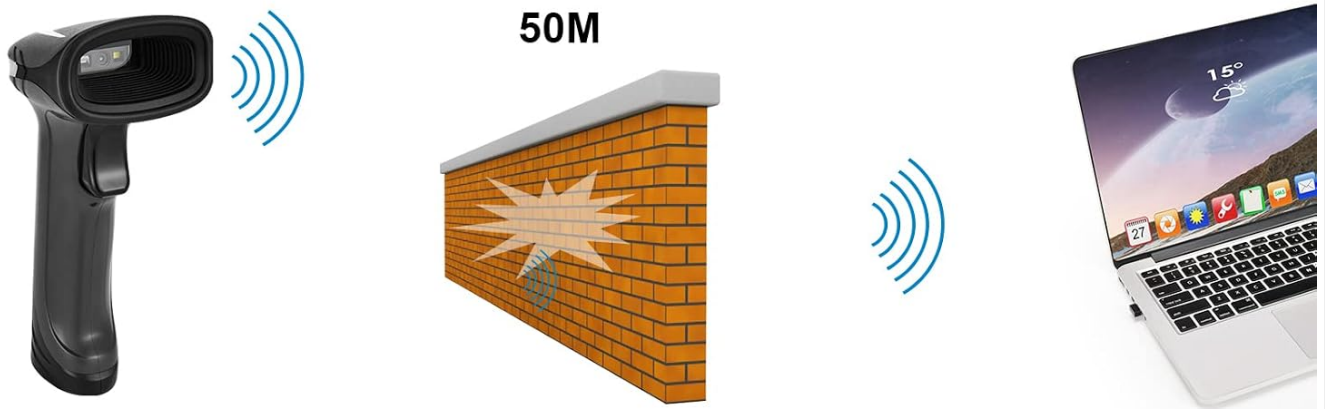


Image: The scanner illustrating its three connection modes: Bluetooth, 2.4G wireless via a USB dongle, and direct USB wired connection.

3.1.1. 2.4G Wireless Mode

1. Plug the 2.4G wireless receiver (USB dongle) into an available USB port on your computer or host device.
2. The scanner will automatically connect to the receiver. A successful connection is indicated by a specific sound or LED indicator on the scanner.
3. The maximum transmission distance in an open environment is 150 meters, and approximately 50 meters with obstacles.

150Mの伝送距離に達することができます 2.4Gワイヤレスモードで



2.4ワイヤレス範囲-軽い障害物環境で150メートル

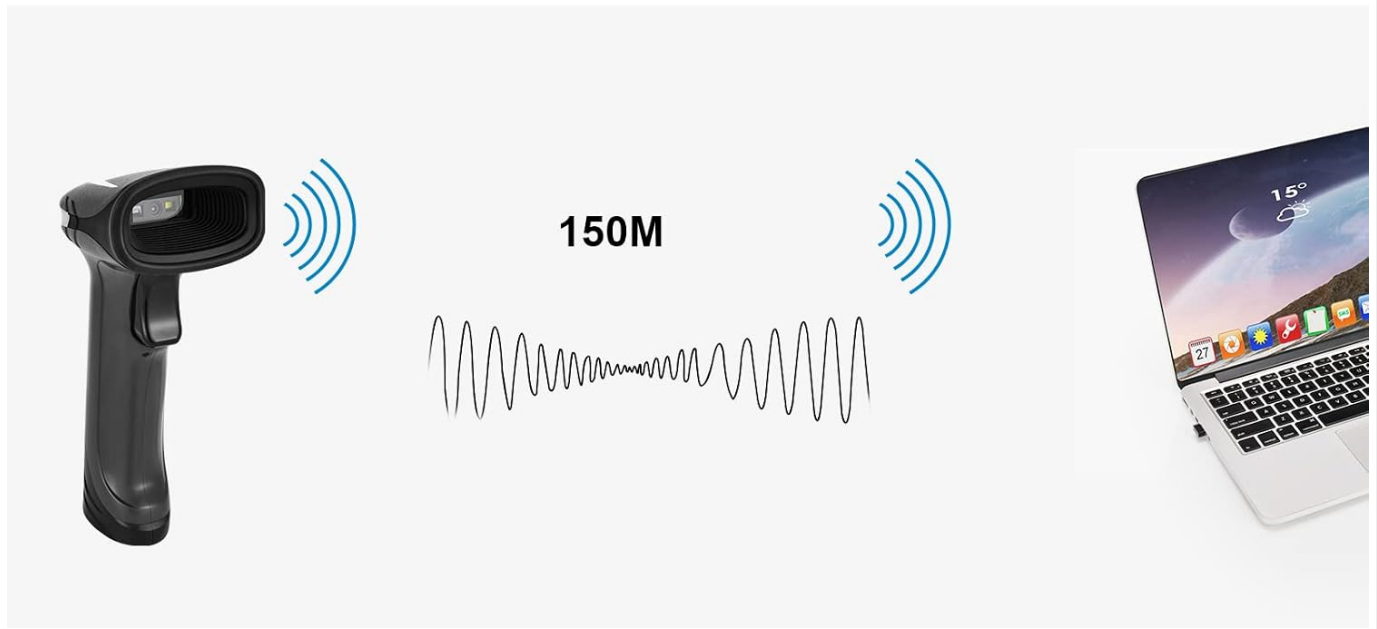


Image: Illustration of the 2.4G wireless transmission range, demonstrating 50 meters with obstacles and 150 meters in an open environment.

3.1.2. Bluetooth Mode

1. Press and hold the scanner's button to activate Bluetooth pairing mode. The scanner's LED indicator will flash, indicating it is discoverable.
2. On your smart device (PC, laptop, smartphone, tablet), go to Bluetooth settings and search for available devices.
3. Select the scanner (usually named 'JRHC Scanner' or similar) from the list to pair.
4. Once paired, the scanner will automatically connect to the smart device.

3.1.3. USB Wired Mode

1. Connect the scanner to your computer using the provided USB cable.
2. The scanner will function as a standard USB HID keyboard device, requiring no additional drivers.
3. This mode also charges the scanner's internal battery.

3.2. System Compatibility

The JRHC HC-655WB barcode scanner is compatible with a wide range of operating systems, ensuring seamless integration into

your existing setup.

2.4Gワイヤレスバーコードスキャナー

プラグアンドプレイドライバソフトウェアは必要ありません



Win7/8/10



MAC OS



Linux



Android



IOS



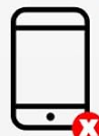
PC



Laptop



ipad



phone

PC/Laptop/tablet

Image: The scanner demonstrating compatibility with Windows, Mac OS, Linux, Android, and iOS operating systems.

- **Operating Systems:** Windows (7/8/10), Mac OS, Linux, Android, iOS.
- **Devices:** PCs, Laptops, Smartphones, Tablets, POS Systems.

4. OPERATING INSTRUCTIONS

4.1. Scanning Modes

The scanner supports three distinct scanning modes to optimize workflow for different applications:



Image: The scanner highlighting its three operational modes: Key Trigger, Continuous Scan, and Auto-Induction.

- **Key Trigger Mode:** Press the trigger button to scan each barcode individually. Ideal for precise, controlled scanning.
- **Continuous Scan Mode:** The scanner continuously emits a scan beam, reading barcodes as they pass through the field of view without needing to press the trigger for each scan. Suitable for high-volume scanning.
- **Auto-Induction Mode:** The scanner automatically detects a barcode within its range and activates the scan beam to read it. This hands-free mode is efficient for stationary scanning tasks.

4.2. Supported Barcode Types

The HC-655WB scanner is equipped with a high-sensitivity CMOS sensor, enabling it to quickly identify a wide array of 1D and 2D barcodes:

1D 2D QRコードは読み取り可能です



Image: The scanner demonstrating its ability to read various 1D, 2D, and QR codes from different surfaces.

- **1D Codes:** Codabar, Code 11, Code 93, MSI, Code 128, EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, Matrix 2D.
- **2D Codes:** PDF417, Data Matrix, QR Code, Aztec, MicroPDF, Interleaved.



Image: A visual representation of a 2D barcode being successfully scanned.

4.3. Scanning Tips

- Ensure the barcode is clean and free from obstructions.
- Hold the scanner at an appropriate distance and angle to allow the scan beam to fully cover the barcode.
- For reflective surfaces, adjust the angle slightly to avoid glare.

5. BATTERY AND CHARGING

The HC-655WB is equipped with a robust internal battery for extended operation.



1つの充電缶 8時間連続スキャン

充電には約4時間、待機時間は60日です。

Image: An internal view highlighting the 2000mAh high-capacity battery of the scanner.

- **Battery Capacity:** 2000mAh.
- **Continuous Scanning Time:** Approximately 15-20 hours on a full charge.
- **Standby Time:** Up to 60 days.
- **Charging Time:** Approximately 4 hours for a full charge.
- **Charging Interface:** Type-C USB port.

To charge the scanner, connect it to a power source using the provided Type-C USB cable. The LED indicator will show charging status and turn off when fully charged.

6. MAINTENANCE

6.1. Durability

The scanner is designed with human ergonomics in mind and features a robust ABS casing to protect against impacts.

耐衝撃設計

この設計により、スキャナーを落下から効果的に保護できます
損傷なしで高さ5フィート/1.5メートル



Image: The scanner illustrating its impact-resistant design, capable of withstanding drops from 1.5 meters.

- **Drop Resistance:** Withstands drops from 1.5 meters (5 feet) onto concrete surfaces without damage.

6.2. Cleaning

- Use a soft, dry cloth to clean the scanner's exterior.
- For the scanning window, use a lens cleaning cloth or a soft cloth lightly dampened with a mild, non-abrasive cleaner.
- Avoid using harsh chemicals or abrasive materials that could scratch the lens or damage the casing.

7. TROUBLESHOOTING

If you encounter issues with your JRHC HC-655WB scanner, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scanner does not power on.	Low battery or no charge.	Charge the scanner using the Type-C USB cable for at least 30 minutes.
Cannot connect via 2.4G wireless.	Receiver not properly plugged in or out of range.	Ensure the USB receiver is securely plugged into the host device. Move the scanner closer to the receiver.
Cannot connect via Bluetooth.	Scanner not in pairing mode or device's Bluetooth is off.	Press and hold the scanner button to enter Bluetooth pairing mode. Ensure Bluetooth is enabled on your host device and re-attempt pairing.
Scanner does not read barcodes.	Barcode damaged, incorrect scanning mode, or dirty scanning window.	Check barcode integrity. Ensure the correct scanning mode is selected. Clean the scanning window. Try scanning a different, known good barcode.
Scanned data is incorrect or incomplete.	Poor scan quality or incorrect settings.	Ensure the barcode is fully within the scan beam. Check if any advanced settings (e.g., prefix/suffix) are enabled that might alter output.

8. SPECIFICATIONS

Feature	Detail
Model	HC-655WB
Connectivity	Bluetooth, 2.4G Wireless, USB Wired
Supported Barcodes	1D (Codabar, Code 11, Code 93, MSI, Code 128, EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, Matrix 2D), 2D (PDF417, Data Matrix, QR Code, Aztec, MicroPDF, Interleaved)
Compatibility	Windows, Mac OS, Linux, Android, iOS
Battery	2000mAh Lithium-ion
Charging Interface	Type-C USB
Continuous Scan Time	15-20 hours
Standby Time	Up to 60 days
Drop Resistance	1.5 meters (5 feet)
Weight	159 grams

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official

JRHC website. If you encounter any issues not covered in this manual, please contact customer service for assistance.

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