

JRHC HC-2209H

JRHC HC-2209H 1D Wired Barcode Scanner Instruction Manual

Model: HC-2209H

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1. INTRODUCTION

Thank you for choosing the JRHC HC-2209H 1D Wired Barcode Scanner. This manual provides detailed instructions for the proper installation, operation, and maintenance of your device. Please read this manual thoroughly before use to ensure optimal performance and longevity of the scanner.

2. PRODUCT OVERVIEW

2.1 Key Features

- **1D CCD Scanning Technology:** Efficiently reads standard 1D barcodes.
- **USB Wired Connection:** Ensures stable and reliable data transmission.
- **Plug and Play:** No driver installation required for most operating systems.
- **High-Speed Decoding:** Capable of scanning up to 300 times per second with a 32-bit high-speed CPU.
- **Screen Scanning Capability:** Reads barcodes directly from digital displays.
- **Durable Design:** Features anti-shock silicone (IP54 rated) for enhanced protection against drops.
- **Wide Compatibility:** Works with Windows, Mac, Android, and Linux operating systems.

2.2 Supported Barcode Types

The JRHC HC-2209H scanner supports a wide range of 1D barcodes, including:

- Codabar
- EAN (EAN-8, EAN-13)
- UPC (UPC-A, UPC-E)
- Code 11

- Code 39
- Code 93
- Code 128
- UCC/EAN 128
- ITF-6, ITF-14
- ISBN, ISSN
- MSI Plessey
- GS1 Databar
- Interleaved 25
- Industrial 25
- Standard 25
- Matrix 2 of 5

Note: This scanner is not compatible with Square POS systems.

3. SETUP INSTRUCTIONS

The JRHC HC-2209H barcode scanner is designed for simple plug-and-play operation.

1. **Connect the USB Cable:** Insert the USB connector of the scanner's cable into an available USB port on your computer or host device.
2. **System Recognition:** Your operating system (Windows, Mac, Android, Linux) will automatically detect and install the necessary drivers. No manual driver installation is typically required.
3. **Ready for Use:** Once the system recognizes the device, the scanner is ready to transmit scanned data to any application that accepts keyboard input, such as Word, Excel, Novell, or Quickbook.

PLUG AND PLAY

No software or drivers required



Figure 3.1: Plug and Play setup showing USB connection to PC/Laptop. Not compatible with iPad or iPhone.

4. OPERATING INSTRUCTIONS

4.1 Scanning Modes

The scanner supports two primary scanning modes:

- **Manual Trigger Mode:** Press the trigger button to activate the scan beam and read a barcode. Release the button to deactivate.
- **Always-On Mode:** The scan beam remains continuously active, allowing for hands-free scanning. This mode is ideal when using a stand or for high-volume scanning.

2 Types of Scanning Modes

Manual Trigger Mode



Always-On Mode



Figure 4.1: Illustration of Manual Trigger Mode (pressing button) and Always-On Mode (continuous scanning).

4.2 Scanning Performance

The HC-2209H is equipped with a highly sensitive and accurate scanning head, providing:

- **High Resolution:** 1500 PPI (Pixels Per Inch) for clear barcode capture.
- **Fast Scan Speed:** Up to 300 scans per second for rapid data acquisition.

FAST & ACCURATE SCAN

Highly sensitive and accurate scanning head more flexibility, transfer data with speed and ease



Figure 4.2: Visual representation of the scanner's fast and accurate scanning capabilities (1500PPI, 300 scans/sec).

4.3 Advanced Configuration Options

The scanner offers various customization options to suit specific needs. These can typically be configured by scanning special programming barcodes found in the full user guide (not included here) or by contacting support.

- **Add Prefix/Suffix:** Automatically add characters before or after scanned data.
- **Hide Barcode Characters:** Conceal specific characters from the beginning or end of a scanned barcode.
- **Volume Adjustment:** Control the beep sound level or turn it off.

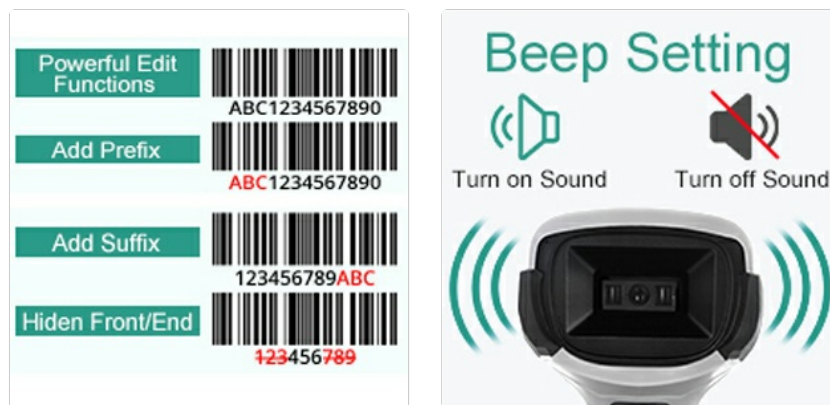


Figure 4.3: Examples of customization options including adding prefixes/suffixes, hiding characters, and adjusting beep settings.

4.4 Multi-Language Support

The scanner supports various languages for its operational feedback and configuration, including English, Spanish, German, Japanese, French, and Italian.

Anti-Shock Silicone (IP54)

Avoid Collision Damage or Break While
Falling Off Your Desk or Shelf



Support Multi-Languages



English



Español



Deutsch



Japanese



Français



Italiano

5. MAINTENANCE

To ensure the longevity and optimal performance of your JRHC HC-2209H barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the scanning window and the scanner body with a soft, clean, damp cloth. Avoid using abrasive cleaners, solvents, or excessive moisture.
- **Cable Care:** Do not bend, twist, or pull the USB cable excessively. Ensure the cable is not pinched or run over by heavy objects.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Protection:** While the scanner features anti-shock silicone, avoid dropping it from significant heights or subjecting it to severe impacts.

6. TROUBLESHOOTING

If you encounter issues with your JRHC HC-2209H scanner, please refer to the following common solutions:

- **Scanner Not Reading Barcodes:**
 - Ensure the USB cable is securely connected to both the scanner and the computer.
 - Verify that the barcode is a supported 1D type.
 - Check if the barcode is damaged, smudged, or poorly printed.
 - Ensure sufficient lighting for the barcode.
 - Try scanning a known good barcode to test functionality.
- **No Data Transmission:**
 - Confirm the scanner is properly recognized by your operating system (check Device Manager on Windows).
 - Test with a different USB port on your computer.
 - Ensure the application you are using is active and ready to receive input.
- **Incorrect Data Output:**
 - Review any custom prefix/suffix or character hiding settings that may have been applied.
 - Ensure the keyboard layout settings on your computer match the scanner's configuration (if applicable).
- **No Beep Sound:**
 - Check the beep setting configuration. It might be turned off.

If these steps do not resolve the issue, please contact customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model	HC-2209H
Scanning Type	1D CCD

Feature	Specification
Connection	USB Wired
Decoding Speed	Up to 300 scans/second
Resolution	1500 PPI
CPU	32-bit High-Speed CPU
Cable Length	1.8 meters (approx. 5.9 feet)
Durability	IP54 Anti-Shock Silicone
Item Weight	8.4 ounces (approx. 238 grams)
Package Dimensions	7.56 x 3.7 x 3.5 inches
Manufacturer	JRHC
Compatibility	Windows, Mac, Android, Linux

8. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or any questions regarding your JRHC HC-2209H barcode scanner, please refer to the contact information provided with your purchase or visit the official JRHC website. Please have your product model number (HC-2209H) and purchase details ready when contacting support.

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