JRHC HC-710WH

JRHC HC-710WH Handheld 1D Wireless CCD Barcode Scanner

Instruction Manual

1. INTRODUCTION

Thank you for choosing the JRHC HC-710WH Handheld 1D Wireless CCD Barcode Scanner. This device is designed for efficient and accurate barcode scanning in various environments such as retail, warehouses, libraries, and inventory management. It features advanced CCD imaging technology, offering both wireless and wired connectivity options for versatile use.

2. PRODUCT FEATURES

- **CCD Image Scanning Technology:** Equipped with an advanced CCD sensor for quick and accurate capture of 1D codes from both paper and digital screens. Capable of reading deformed barcodes including smudged, damaged, fuzzy, and reflective types.

- **Dual Connectivity Modes:** Supports 2.4G USB Wireless connection via a mini USB receiver and direct USB 2.0 Wired connection.

- **Plug and Play:** No driver installation required for immediate use.

- **Durable Design:** Ergonomic shape with ABS material construction, designed to withstand drops from 1.5 meters onto concrete.

- **Extended Transmission Range:** Up to 492 feet (150 meters) in open outdoor environments and 164 feet (50 meters) indoors in wireless mode.

- **Long Battery Life:** Integrated 2600 mAh lithium polymer battery supports up to 100,000 continuous scans or 20 days of continuous operation on a single charge.

- **Wide Compatibility:** Compatible with Windows, Mac OS, Linux, Android, and iOS systems, connecting to desktops, laptops, smartphones, and tablets.

- **Multiple Scan Modes:** Features Button Scan, Auto Scan, and Continuous Automatic Scanning modes.

- **Data Upload Modes:** Offers Instant Upload Mode and Storage Mode for flexible data management.

- **Customizable Settings:** Supports adding prefixes/suffixes to scanned data, adjustable beep settings, and multi-language support.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- JRHC HC-710WH Barcode Scanner

- 2.4G USB Wireless Receiver

- USB Charging/Data Cable

- User Manual (this document)

4. SETUP

4.1 Charging the Scanner

Before first use, fully charge the scanner. Connect the provided USB cable to the scanner's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The indicator light will show charging status.

4.2 Connecting the Scanner

The scanner supports two connection methods:

1. **2.4G Wireless Mode:**

   - Insert the 2.4G USB wireless receiver into an available USB port on your computer or host device.
   - The scanner will automatically pair with the receiver. A successful connection is usually indicated by a beep and/or a change in the indicator light status.

2. **USB Wired Mode:**

   - Connect the scanner directly to your computer or host device using the provided USB cable.
   - The scanner will function as a wired device and will also charge simultaneously.

Image: The JRHC HC-710WH scanner in use, highlighting its plug-and-play functionality and compatibility with various operating systems like Windows, Mac OS, and Linux.

5. Operating Instructions

5.1 Basic Scanning Operation

Point the scanner's window at the barcode you wish to scan. Press the trigger button. A successful scan will be indicated by a beep and the data will be transmitted to your connected device.

優れた復号能力

- ✓ UPC，EANコード128，ISBN
- ✓ 破損したバーコード
- ✓ ひずみバーコード
- ✓ リバースカラーバーコード

破損したバーコード

ひずみバーコード

リバースカラーバーコード

Image: The scanner's advanced decoding capability, showing it can read various types of 1D barcodes, including those that are damaged or smudged.

5.2 Scanning from Screens

The CCD imaging technology allows the scanner to read 1D barcodes directly from digital screens, such as smartphones, tablets, or computer monitors.

Image: The scanner actively reading a 1D barcode from a smartphone display, demonstrating its screen scanning capability.

5.3 Scan Modes

The scanner offers three operational modes:

- **Button Scan:** Press the trigger button to scan each barcode individually.
- **Auto Scan:** The scanner automatically detects and scans barcodes when they are presented within its scanning range, without needing to press the trigger.
- **Continuous Automatic Scanning:** The scanner continuously emits a scan line and reads any barcode it detects.

Image: Visual representation of the three available scan modes: Button scan, Auto scan, and Continuous automatic scanning.

5.4 Data Upload Modes

Choose how data is transmitted to your device:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device.
- **Storage Mode:** Scanned data is stored in the scanner's internal memory and can be uploaded later when connected.

Image: Illustration of the two data upload modes: Storage Mode for batch upload and Instant Upload Mode for real-time transmission.

5.5 Beep Settings

You can enable or disable the scanner's beep sound for scan confirmations.

Image: Controls for adjusting the scanner's beep sound, allowing users to turn it on or off.

5.6 Adding Prefix/Suffix

The scanner supports adding custom prefixes or suffixes to the scanned barcode data. Refer to the detailed programming guide (usually found in the full manual or manufacturer's website) for specific barcode sequences to configure this feature.

Image: Example of adding a prefix (ABC) or suffix (ABC) to scanned barcode data.

6. MAINTENANCE

To ensure optimal performance and longevity of your JRHC HC-710WH barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to clean the scanner's exterior. Do not use harsh chemicals or abrasive materials.
- **Scanner Window:** Keep the scanning window clean and free of dust or smudges. A dirty window can affect scanning performance. Use a lens cleaning cloth if necessary.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to about 50% and recharge every few months to prevent deep discharge.

7. TROUBLESHOOTING

If you encounter issues with your scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner does not power on	Low battery or no charge	Charge the scanner fully using the provided USB cable.
Scanner does not scan barcodes	Barcode is unreadable, scanner window is dirty, or incorrect scan mode.	Ensure barcode is clear. Clean scanner window. Check and adjust scan mode.
No data transmitted to computer (Wireless Mode)	USB receiver not properly connected, out of range, or interference.	Ensure receiver is firmly plugged in. Move closer to the receiver. Avoid sources of strong electromagnetic interference.

Problem	Possible Cause	Solution
No data transmitted to computer (Wired Mode)	USB cable faulty or not properly connected.	Check USB cable connection at both ends. Try a different USB port or cable.
Scanned data is incorrect	Incorrect keyboard layout or scanner settings.	Ensure your computer's keyboard layout matches the scanner's settings (e.g., English US). Reset scanner to factory defaults if necessary (refer to full manual).

For further assistance, please refer to the complete user manual or contact JRHC customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	HC-710WH
Scanning Technology	CCD Image Sensor
Supported Barcodes	1D codes (e.g., CODE128, UPC/EAN Add on 2 or 5)
Connectivity	2.4G Wireless (via USB receiver), USB 2.0 Wired
Wireless Transmission Distance	Up to 150m (492ft) outdoor, 50m (164ft) indoor
Battery Capacity	2600 mAh Lithium Polymer
Battery Life	Approx. 100,000 scans / 20 days continuous operation
Drop Resistance	1.5m to concrete
Compatible Operating Systems	Windows, Mac OS, Linux, Android, iOS
Product Dimensions	9.5 x 7 x 16.5 cm
Weight	358 g

9. WARRANTY AND SUPPORT

JRHC products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official JRHC website for detailed warranty terms and conditions.

For technical support, troubleshooting, or any inquiries regarding your JRHC HC-710WH barcode scanner, please contact JRHC customer service through their official website or the contact information provided in your product documentation.