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## JRHC HC-760WT

# JRHC HC-760WT 2D Wireless Barcode Scanner User Manual

Model: HC-760WT | Brand: JRHC

## 1. PRODUCT OVERVIEW

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The JRHC HC-760WT is a versatile 2D wireless barcode scanner designed for efficient data collection in various environments. It supports both 1D and 2D barcodes, offering multiple scanning modes and a clear LCD display for real-time information. Its ergonomic design ensures comfortable use during extended periods.



Image 1.1: JRHC HC-760WT 2D Wireless Barcode Scanner with its charging cradle and included USB cables.

# 人間工学に適したデザインのハンドル



Image 1.2: Illustration of the scanner's ergonomic handle design, emphasizing comfort and ease of grip.

## 1.1 Key Features

- **2D/1D Barcode Compatibility:** Scans a wide range of barcodes from paper and LCD screens.
- **Multiple Scan Modes:** Includes button trigger, auto-induction, and continuous scanning.
- **1.8-inch HD LCD Display:** Shows battery level, barcode data, type, length, and count.
- **2.4G Wireless Connectivity:** Offers a transmission range of up to 150m (barrier-free) or 50m (obstructed).
- **Plug and Play:** No software installation required; connects via USB receiver or cable.
- **Vibration Feedback:** Provides tactile alerts, useful in noisy environments.
- **Long Battery Life:** Equipped with a 2200 mAh battery for extended operation.
- **Durable Design:** Features shockproof silicone (IP54 rated) to withstand impacts.

## 1.2 Application Scenarios

This scanner is suitable for various applications requiring efficient inventory and data management:



Image 1.3: The scanner is ideal for use in supermarkets, warehouses, delivery services, and pharmacies.

- Supermarkets and Retail Stores
- Warehouses and Inventory Management
- Logistics and Delivery Services
- Pharmacies and Healthcare Facilities

## 2. SETUP AND CONNECTION

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### 2.1 Package Contents

Before starting, please ensure all items are present:

- JRHC HC-760WT Barcode Scanner
- Charging Cradle
- 2.4G Wireless USB Receiver
- USB Charging/Data Cable
- User Manual (English)

### 2.2 Charging the Scanner

The scanner comes with a built-in rechargeable lithium-ion battery. For optimal performance, fully charge the scanner before first use.

1. Connect the USB charging cable to the charging cradle.
2. Plug the other end of the USB cable into a power adapter (not included) or a computer's USB port.
3. Place the scanner into the charging cradle. The LCD display will indicate charging status.

A full charge typically takes approximately 3 hours. The scanner can operate continuously for up to 48 hours on a full charge and has a standby time of up to 6 months.

## 内蔵充電可能バッテリー

フル充電後、連続スキャンが可能100,000回を超える



3時間フル充電



待機期間は6ヶ月に及ぶ



48時間連続稼働可能



Image 2.1: Battery specifications: 3 hours for a full charge, up to 6 months standby, and 48 hours of continuous operation.

### 2.3 Connecting to a Host Device

The scanner supports two connection methods: 2.4G Wireless and USB Wired.

#### 2.3.1 2.4G Wireless Connection

1. Insert the 2.4G wireless USB receiver into an available USB port on your computer or POS system.
2. The system will automatically install the necessary drivers (plug and play).
3. Turn on the barcode scanner. It should automatically pair with the receiver.
4. Open a text editor or application where you want the scanned data to appear and test by scanning a barcode.

The 2.4G wireless mode offers a transmission range of up to 150 meters (492 feet) in barrier-free environments and up to 50 meters (164 feet) in environments with obstacles.

# 伝送距離が長い

## ワイヤレス暗号化犬内蔵スタンド



障害物環境では**50メートル/164フィート**に達することができます



バリアフリー環境で最大**150 m/492フィート**

Image 2.2: Wireless transmission range: 50m (164ft) with obstacles, 150m (492ft) in open areas.

### 2.3.2 USB Wired Connection

1. Connect the USB cable directly from the scanner to a USB port on your computer or POS system.
2. The scanner will function as a wired device, and the system will automatically install drivers.
3. Open a text editor or application and test by scanning a barcode.

### 2.4 Operating System Compatibility

The JRHC HC-760WT scanner is compatible with a variety of operating systems, including Windows, iOS, Linux, and Mac OS, ensuring broad usability across different platforms.



Windows



iOS



Linux



Mac OS



ワイヤレス暗号化犬内蔵スタンド

Image 2.3: The scanner supports Windows, iOS, Linux, and Mac OS.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Scan Modes

The scanner offers three distinct scanning modes to suit different operational needs:



Image 3.1: The three available scan modes: Button Scan, Auto-Induction Scan, and Continuous Scan.

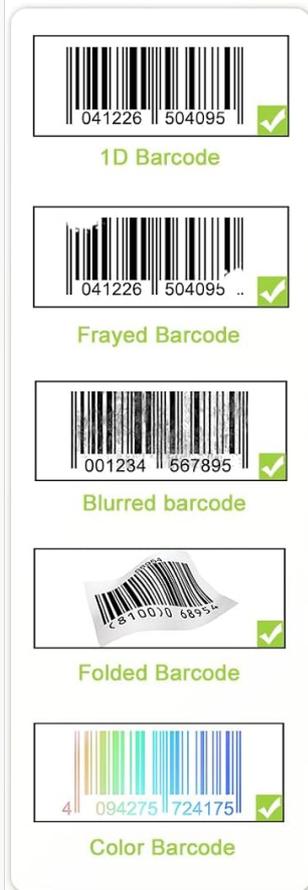
- **Button Trigger Scan:** Press the trigger button to initiate a scan.
- **Auto-Induction Scan:** The scanner automatically detects a barcode when placed in its scanning field and initiates a scan.
- **Continuous Scan:** The scanner continuously emits a scan beam, ideal for high-volume scanning without repeatedly pressing the trigger.

Refer to the included quick setup guide (usually a series of configuration barcodes) to switch between these modes.

### 3.2 Barcode Compatibility

The HC-760WT is capable of scanning a wide array of 1D and 2D barcodes, including those that are frayed, blurred, folded, or color-coded.

# インテリジェントスキャナ



- ✓ 振動機能を持つ
- ✓ 紙やLCD画面上の1Dバーコードをスキャンできる
- ✓ 3種類のスキャンモード、手動スキャン、自動スキャンと連続スキャン
- ✓ 不規則または破損したバーコードをスキャンできます
- ✓ 文字の挿入または削除をサポート



Image 3.2: The scanner can read various barcode conditions, including frayed, blurred, folded, and color barcodes.

- **1D Barcodes:** UPC, EAN, Codabar, Code 11, Code 39, Code 93, Code 128, ITF-6, ITF-14, UCC/EAN 128, ISBN, ISSN, MSI Plessey, GS1 Databar, Interleaved 25, Industrial 25, Standard 25, Matrix.
- **2D Barcodes:** QR Code, DataMatrix, PDF417, Aztec, Micro PDF417.

## 3.3 LCD Display Functions

The 1.8-inch HD LCD display provides essential information at a glance:

## 1.8インチディスプレイ



Image 3.3: The LCD display shows scan count, barcode data, length, and total count.

- **Remaining Power:** Indicates current battery level.
- **Barcode Data:** Displays the scanned barcode value.
- **Barcode Type:** Shows the symbology of the scanned barcode.
- **Barcode Length:** Indicates the number of characters in the barcode.
- **Number of Barcodes:** Tracks the total count of scanned barcodes.

### 3.4 Data Upload Modes

The scanner supports two data upload modes:



Image 3.4: The scanner offers Storage Mode and Instant Upload Mode.

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

Refer to the quick setup guide to configure the desired upload mode.

### 3.5 Barcode Editing Functions

The scanner provides powerful editing functions to modify barcode data before transmission:



Image 3.5: Barcode editing functions include adding prefixes, middle characters, suffixes, and hiding front-end/back-end data.

- **Add Prefix:** Insert characters at the beginning of the barcode data. Example: Scanning '123456789' with

prefix 'AB' results in 'AB123456789'.

- **Add Suffix:** Insert characters at the end of the barcode data. Example: Scanning '123456789' with suffix 'AB' results in '123456789AB'.
- **Add Middle:** Insert characters within the barcode data at a specified position. Example: Scanning '123456789' with middle 'AB' at position 5 results in '12345AB6789'.
- **Hide Front-end/Back-end:** Conceal a specified number of characters from the beginning or end of the barcode data. Example: Hiding front-end '123' from '123456789' results in '456789'.

These functions are configured by scanning specific setup barcodes provided in the manual.

### 3.6 Sound and Vibration Settings

The scanner provides audible feedback (beep) and tactile feedback (vibration) upon successful scans. These settings can be adjusted.



Image 3.6: Options to enable or disable the beep sound.

- **Beep Sound:** Can be enabled or disabled by scanning the corresponding configuration barcode.
- **Vibration:** The vibration function is particularly useful in noisy environments where audible beeps might be missed. This can also be configured via setup barcodes.

### 3.7 Multi-Language Support

The scanner's interface and configuration options support multiple languages, including English, Spanish, German, Japanese, French, and Italian.



Image 3.7: The scanner supports multiple languages for display and configuration.

## 4. MAINTENANCE

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### 4.1 Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Charge the scanner regularly, especially if it will be stored for an extended period.
- Store the scanner in a cool, dry place when not in use.

### 4.2 Cleaning

- Use a soft, dry cloth to clean the scanner's exterior.
- For the scanning window, use a lint-free cloth lightly dampened with a mild cleaning solution (e.g., isopropyl alcohol) to remove smudges or dirt. Avoid abrasive materials.
- Do not immerse the scanner in water or use harsh chemicals.

### 4.3 Durability

The scanner is designed with shockproof silicone (IP54 rated) to protect against minor impacts and drops, enhancing its longevity in demanding work environments.

# 防振シリカゲル (IP54)

衝突による損傷や破損を避ける  
机や棚から落ちる



## 複数言語のサポート



English



Espanol



Deutsch



Japanese



Francais



Italiano

Image 4.1: The scanner features shockproof silicone (IP54) to protect against damage from drops.

## 5. TROUBLESHOOTING

### 5.1 Scanner Not Responding

- **Check Battery:** Ensure the scanner is sufficiently charged. Recharge if the battery is low.
- **Power On:** Verify the scanner is powered on.
- **Connection:** For wireless mode, ensure the 2.4G USB receiver is properly inserted and the scanner is within range. For wired mode, check the USB cable connection.
- **Re-pair:** If using wireless, try re-pairing the scanner with the receiver by scanning the appropriate setup barcode (refer to the quick setup guide).

### 5.2 Barcodes Not Scanning

- **Barcode Type:** Ensure the barcode type is supported by the scanner (refer to Section 3.2).
- **Barcode Condition:** Check if the barcode is severely damaged, smudged, or poorly printed. While the scanner handles some imperfections, extreme damage may prevent scanning.
- **Distance/Angle:** Adjust the distance and angle between the scanner and the barcode.
- **Lighting:** Ensure adequate lighting, but avoid direct glare on the barcode.
- **Scan Mode:** Verify the correct scan mode is selected for your application.

### 5.3 Scanned Data Incorrect or Incomplete

- **Application Focus:** Ensure the cursor is in the correct input field of your application.
- **Keyboard Layout:** Verify that your computer's keyboard layout matches the scanner's output settings (e.g., English US).
- **Editing Functions:** Check if any barcode editing functions (prefix, suffix, etc.) are enabled that might be altering the data.

## 6. SPECIFICATIONS

Image 6.1: Key specifications and features of the JRHC HC-760WT Wireless Barcode Scanner.

Feature	Detail
Model Number	HC-760WT
Barcode Types Supported	1D (UPC, EAN, Codabar, Code 11/39/93/128, ITF-6/14, UCC/EAN 128, ISBN, ISSN, MSI Plessey, GS1 Databar, Interleaved 25, Industrial 25, Standard 25, Matrix); 2D (QR, DataMatrix, PDF417, Aztec, Micro PDF417)

Connectivity	2.4G Wireless, USB Wired
Wireless Range	Up to 150m (barrier-free), 50m (obstructed)
Display	1.8-inch HD LCD
Battery Capacity	2200 mAh Lithium-Ion
Charging Time	Approx. 3 hours
Continuous Operation	Up to 48 hours
Standby Time	Up to 6 months
Operating Systems	Windows, iOS, Linux, Mac OS
Dimensions (Scanner)	Approx. 16.5 cm x 6.5 cm x 9.5 cm (L x W x H) <i>Estimated from package size and images</i>
Weight (Scanner)	Approx. 250g - <i>Estimated from package size and images</i>
Package Dimensions	28.9 x 17.1 x 10.4 cm
Package Weight	780 g
Durability	IP54 Shockproof Silicone
Actual Angle	5.72 degrees

## 7. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your purchase or contact JRHC customer service directly. Details regarding warranty periods and support channels are typically provided on the manufacturer's official website or through your retailer.