Bewinner Bewinnero0g7wfym1p-03

Bewinner Wireless Laser Barcode Scanner User Manual

Model: Bewinnero0g7wfym1p-03

1. PRODUCT OVERVIEW

The Bewinner Wireless Laser Barcode Scanner is a versatile device designed for efficient barcode reading. It features dual connection modes, offering both 2.4 GHz wireless and USB cable transmission, ensuring flexibility in various environments. Its ergonomic design, combined with durable ABS plastic and silicone materials, provides a comfortable grip and enhanced longevity.

This scanner is compatible with a wide range of operating systems, including iOS, Android, and Windows, making it suitable for use with smartphones, tablets, laptops, and desktop computers.

Image 1.1: The Bewinner Wireless Laser Barcode Scanner in use, demonstrating its ergonomic design.

Key Features:

- **Dual Connection Modes:** Supports 2.4 GHz wireless transmission via a USB receiver and direct USB cable connection.
- **Wide Compatibility:** Works with iOS, Android, and Windows systems (including Windows 7/8/10/XP).
- **High Performance:** Equipped with a 32-bit ARM microprocessor, offering a scanning rate of 300 scans per second and excellent error correction.
- **Durable Design:** Constructed with ABS plastic and silicone for shock and drop resistance, ensuring a long product lifespan.
- **High-Precision Scanning:** Features a sensitive scanning head capable of reading slightly imperfect or fuzzy barcodes.
- **Ergonomic Grip:** Designed for comfortable handling during extended use.

Image 1.2: Visual representation of the scanner's wide compatibility with various operating systems and devices.

2. SETUP INSTRUCTIONS

2.1 Package Contents

Before proceeding with the setup, please ensure all items are present in the package:

- 1 x Bewinner Barcode Scanner
- 1 x USB Cable
- 1 x USB Receiver (for 2.4 GHz wireless connection)
- 1 x User Manual (this document)

Image 2.1: All components included in the product package.

2.2 Charging the Scanner

The scanner comes with a built-in rechargeable battery. Before first use, it is recommended to fully charge the device.

1. Connect the small end of the provided USB cable to the charging port on the scanner.
2. Connect the larger end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The indicator light on the scanner will show charging status (refer to the scanner's LED indicator section for details).
4. Once fully charged, disconnect the USB cable.

2.3 Connecting the Scanner

The scanner supports two connection methods: 2.4 GHz wireless and USB wired.

2.3.1 2.4 GHz Wireless Connection

This mode provides wireless freedom up to 100 meters in open areas.

1. Insert the USB receiver into an available USB port on your computer or host device.

2. Turn on the barcode scanner.

3. The scanner should automatically pair with the receiver. A successful connection is usually indicated by a specific sound or LED status on the scanner. If not, scan the 'Match' barcode provided on the small instruction card to initiate pairing.

4. Test the connection by scanning a barcode into a text editor (e.g., Notepad, Word).

2.3.2 USB Wired Connection

For a direct and stable connection, use the USB cable.

1. Connect the small end of the provided USB cable to the scanner's port.

2. Connect the larger end of the USB cable to an available USB port on your computer or host device.

3. The scanner will be recognized as a HID keyboard device. No special drivers are usually required.

4. Test the connection by scanning a barcode into a text editor.

3. OPERATING INSTRUCTIONS

3.1 Scanning Modes

The scanner supports both manual and automatic scanning modes.

- **Manual Mode:** Press the trigger button to activate the laser and scan a barcode. This is the default mode.
- **Automatic Mode:** The scanner continuously emits the laser and scans barcodes without needing to press the trigger. To switch to automatic mode, scan the specific configuration barcode for 'Automatic Mode' (refer to the included instruction card or full manual for this barcode).

3.2 How to Scan

1. Point the scanner's laser beam at the center of the barcode you wish to scan.

2. Ensure the entire barcode is within the laser line.

3. Press the trigger button (in manual mode) or wait for the automatic scan (in automatic mode).

4. A successful scan will be indicated by a beep sound and/or a change in the LED indicator. The scanned data will appear in the active application on your connected device.

Image 3.1: The scanner's laser actively reading a barcode.

3.3 Data Upload Modes

The scanner offers instant upload and storage modes.

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device. This is the default mode.
- **Storage Mode:** Scanned data is stored in the scanner's internal memory. This is useful when out of range of the receiver. To switch to storage mode, scan the 'Storage Mode' barcode. To upload stored data, scan the 'Upload Data' barcode (refer to the instruction card).

3.4 Buzzer and LED Indicators

The scanner provides feedback through a buzzer and LED indicators.

Image 3.2: Location of the buzzer on the scanner for audible feedback.

- **Successful Scan:** Short beep and/or green LED flash.
- **Connection Status:** Refer to the full user manual for specific LED patterns indicating connection status (e.g., connected, disconnected, pairing).
- **Low Battery:** Specific beep pattern or red LED indicator.

4. MAINTENANCE

4.1 Cleaning

To ensure optimal performance and longevity, keep the scanner clean.

- Use a soft, dry, lint-free cloth to wipe the exterior of the scanner.
- For the scanning window, use a lens cleaning cloth or a soft cloth lightly dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals.
- Do not immerse the scanner in water or any cleaning solution.

4.2 Battery Care

Proper battery care helps maintain battery life and performance.

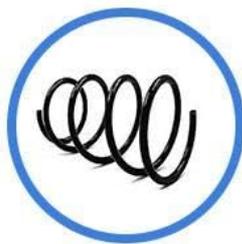- Avoid fully discharging the battery frequently.

- Charge the scanner regularly, even if not in constant use.
- Store the scanner in a cool, dry place when not in use for extended periods.

4.3 Durability

The scanner is designed with durability in mind, featuring an ABS plastic and silicone construction to withstand minor shocks and drops (tested up to 2.0m).

Image 4.1: The high-rebound button is designed for a lifespan of up to 8 million presses.

5. TROUBLESHOOTING

If you encounter issues with your Bewinner Barcode Scanner, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scanner does not turn on.	Low or depleted battery.	Charge the scanner fully using the provided USB cable.
Scanner does not connect wirelessly.	USB receiver not properly inserted or not paired.	Ensure the USB receiver is firmly inserted. Scan the 'Match' barcode to re-pair the scanner with the receiver. Ensure the scanner is within range (up to 100m).
No data transmitted when scanning.	Scanner in storage mode; incorrect application focus; connection issue.	Ensure the scanner is in 'Instant Upload Mode'. Make sure the cursor is in the desired input field on your device. Check wireless or wired connection.
Cannot scan certain barcodes.	Barcode damaged or unsupported type.	Ensure the barcode is clear and undamaged. Verify if the barcode type is listed under supported decoding capabilities in the specifications.
Scanner beeps continuously or behaves erratically.	Configuration error or internal issue.	Perform a factory reset (refer to the full user manual for the factory reset barcode). If the issue persists, contact customer support.

6. SPECIFICATIONS

Detailed technical specifications for the Bewinner Wireless Laser Barcode Scanner:

Feature	Specification
Model Number	Bewinnero0g7wfym1p-03
Color	Yellow
Material	ABS + Silicone
Connection Type	2.4GHz Wireless, USB Cable
Compatible Devices	Desktop Computer, Laptop, Smartphone (iOS/Android/Windows)
Light Source	650 nm VLD (Visible Laser Diode)
CPU	32-bit ARM Microprocessor
Scanning Rate	300 scans/second
Reading Accuracy	3 mil
Scan Width	30 cm
Scan Depth (3 mil)	2 mm - 100 mm

Feature	Specification
Scan Depth (10 mil)	2 mm - 350 mm
Scan Depth (15 mil)	5 mm - 500 mm
Scan Depth (30 mil)	10 mm - 800 mm
Scan Angle	Rotation ± 30°, Tilt ± 45°, Declination ± 60°
Transmission Distance (Wireless)	100 m (open area)
Charging Power	5V - 400mA
Working Current	3.5V 40mA
Standby Current	18uA - 5mA
Button Lifespan	8,000,000 presses
Laser Lifespan	12,000 hours
Drop Test Resistance	2.0 m
Certifications	CE, FCC, RoHS, IP54
Decoding Capabilities	UPC/EAN, Code128, Code39, Code 39 Full ASCLL, Industrial/Interleaved 2 of 5 Barcode, Code39, MSI, Code11, ISBN, ISSN, China Post, GS1 Databar, Code32, etc.

Image 6.1: Physical dimensions of the barcode scanner.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This product is covered by a standard manufacturer's warranty. Please retain your proof of purchase for any warranty claims. Specific warranty terms and duration may vary by region and retailer. For detailed warranty information, please refer to the documentation provided at the time of purchase or contact your retailer.

7.2 Customer Support

If you require further assistance, have questions not covered in this manual, or experience issues with your product, please contact Bewinner customer support through your purchase platform or the official Bewinner website. Please have your model number (Bewinnero0g7wfym1p-03) and purchase details ready when contacting support.