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## Eyoyo EY-039

# Eyoyo EY-039 Bluetooth 2D Wireless Barcode Scanner User Manual

Model: EY-039



## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Eyoyo EY-039 Bluetooth 2D Wireless Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.



**Image 1.1:** Eyoyo EY-039 Bluetooth 2D Wireless Barcode Scanner. The image displays the scanner's front face with its central scan button and LED indicators, and its rear face featuring a robust clip. Below the scanner, a USB-C charging cable and a 2.4G wireless dongle are shown, representing the connectivity options.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Eyoyo EY-039 Barcode Scanner
- USB Cable (for charging and wired connection)
- 2.4G Wireless Dongle
- Lanyard

- Screwdriver (for clip attachment/removal, if applicable)
- User Manual (this document)



**YEAR  
WARRANTY**

**Image 2.1:** Package Contents. This image displays all items included with the Eyoyo EY-039 scanner: the scanner itself, a USB charging cable, a lanyard, a 2.4G wireless dongle, a printed manual, and a small screwdriver. A '1 Year Warranty' badge is also visible, indicating product support.

### 3. PRODUCT OVERVIEW

The Eyoyo EY-039 is a portable 2D wireless barcode scanner designed for efficiency and convenience. Its compact size and clip-on design allow for easy portability, making it suitable for various inventory and point-of-sale applications.

### 3.1 Key Features

- **Compact and Portable:** Features a clip-on design for attachment to clothing or belts, and a pocket-sized form factor.
- **Versatile Connectivity:** Supports Bluetooth, 2.4G Wireless, and USB Wired connections.
- **Advanced Scanning:** Capable of reading 1D and 2D barcodes from paper and digital screens, including damaged or low-contrast codes.
- **Long Battery Life:** Equipped with a 2000mAh rechargeable battery with LED level indicators.
- **Customizable Settings:** Offers various scanning modes, upload modes, and options for sound/vibration, prefix/suffix, and keyboard keys.



**Image 3.1:** Scanner Feature Overview. This graphic summarizes the key features of the Eyoyo EY-039 scanner, including its BT+2.4G wireless connectivity, 1D+2D scanning capabilities, and compatibility with multiple operating systems.



**Image 3.2:** Portable Clip-on Design. The image shows the Eyoyo EY-039 scanner being worn in various ways: clipped to a shirt pocket, a belt, and a jeans pocket, illustrating its versatile and convenient clip-on design for hands-free use.

## 4. SETUP

### 4.1 Charging the Scanner

Before initial use, fully charge the scanner. Connect the provided USB cable to the scanner's USB-C port and to a power source (e.g., computer USB port, USB wall adapter). The LED indicators will show charging status.

- **Battery Capacity:** 2000mAh
- **Working Time:** Approximately 20 hours on a full charge.
- **Charging Time:** Approximately 3 hours.
- **Standby Time:** Up to 720 hours.



**Image 4.1:** Battery Level Indicator. This image illustrates the battery status of the Eyoyo EY-039 scanner, showing four LED lights indicating charge levels (25%, 50%, 75%, 100%). It also highlights key battery performance metrics: 20 hours of working time, 3 hours of charging time, and 720 hours of standby time.

## 4.2 Connecting the Scanner

The EY-039 offers three connection methods:



**Image 4.2:** Three Connection Ways. This diagram visually explains the three connectivity options for the Eyoyo EY-039 scanner: Bluetooth for mobile devices, 2.4G Wireless via a dongle for computers, and USB Wired for direct connection and charging. It also shows compatibility with various operating systems.

### 4.2.1 Bluetooth Connection

1. Power on the scanner using the physical ON/OFF switch.
2. Press and hold the scan button for 8-10 seconds until the scanner beeps, indicating it's in pairing mode.

3. On your host device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
4. Select "Eyoyo Barcode Scanner" (or similar) from the list to pair.
5. The scanner supports HID, SPP, and BLE modes. HID is the default.

#### **4.2.2 2.4G Wireless Connection**

1. Before inserting the wireless receiver (dongle) into your computer's USB port, scan the specific setup barcode in the user manual (refer to page 21 of the physical manual for the 2.4G mode setup code).
2. Insert the 2.4G wireless dongle into an available USB port on your computer.
3. The scanner should automatically connect. If not, ensure the scanner is powered on and repeat step 1.

#### **4.2.3 USB Wired Connection**

1. Connect the scanner to your computer using the provided USB cable.
2. The scanner will function as a plug-and-play device, requiring no additional drivers.
3. This mode also charges the scanner.

### **5. OPERATING MODES**

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#### **5.1 Scanning Modes**

The EY-039 offers three scanning modes:

# 3 Scanning Mode



## Automatic detection mode



## Continuous Scanning Mode



## Manual Trigger Mode



**Image 5.1:** Three Scanning Modes. This image visually demonstrates the three operational scanning modes: Automatic detection (scanner scans when a barcode is presented), Continuous scanning (scanner constantly scans), and Manual trigger mode (scanner scans only when the button is pressed).

- **Key Trigger Mode (Manual):** Press the scan button to initiate a scan.
- **Auto-sensing Mode:** The scanner automatically detects and scans barcodes when they are presented within its scanning range.
- **Continuous Scanning Mode:** The scanner continuously emits a scan beam, scanning any barcode it detects.

Refer to the physical user manual for specific barcodes to switch between these modes.

## 5.2 Upload Modes

The scanner supports two data upload modes:

# Two Upload Mode

Easy switch two modes according to your needs.



**Image 5.2:** Two Upload Modes. This graphic illustrates the two data transfer methods: Instant Upload Mode, where scanned barcode data is immediately transmitted to the connected device, and Storage Mode, where data is saved internally on the scanner for later batch upload.

- **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 as a batch. This is useful when out of range of a host device.

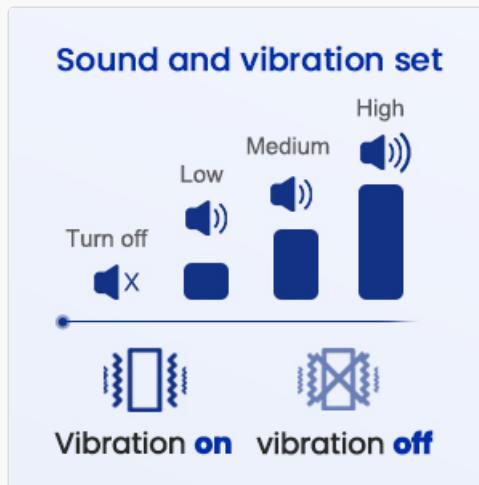
Refer to the physical user manual for specific barcodes to switch between these modes and to upload stored data.

## 6. CUSTOM CONFIGURATION

The Eyoyo EY-039 scanner offers several customization options to suit your specific needs.

### 6.1 Sound and Vibration Settings

You can adjust or disable the scanner's sound and vibration feedback.



**Image 6.1:** Sound and Vibration Settings. This diagram illustrates the adjustable sound levels (off, low, medium, high) and the option to toggle vibration feedback on or off for the scanner.

Refer to the physical user manual for specific barcodes to configure these settings.

### 6.2 Adding Prefix/Suffix

You can add custom characters before (prefix) or after (suffix) the scanned barcode data.



**Image 6.2:** Add Prefix/Suffix. This image demonstrates how custom characters, such as 'ABC', can be appended as a prefix before or a suffix after the numerical data of a scanned barcode.

This feature is useful for data organization or integration with specific software. Consult the physical manual for the necessary configuration barcodes.

### 6.3 Power On/Off Button

The scanner features a dedicated physical ON/OFF switch to conserve battery power when not in use.



**Image 6.3:** Power On/Off Button. A close-up view of the Eyoyo EY-039 scanner highlights its physical ON/OFF switch, designed to prevent accidental power drain.

## 7. SCANNING CAPABILITIES

The Eyoyo EY-039 utilizes advanced 2D CMOS image technology to provide superior scanning performance for a wide range of barcodes.

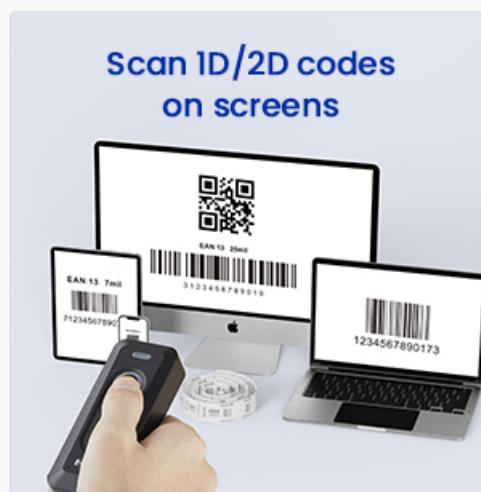
### 7.1 Supported Barcode Types

The scanner can read virtually all standard 1D and 2D barcodes, including:

- **1D Barcodes:** ISBN/UPC/EAN, UPC/EAN With Supplementals, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar, etc.
- **2D Barcodes:** QR Code, Data Matrix, PDF417, etc.

### 7.2 Scanning from Screens

The scanner is capable of reading barcodes directly from smartphone screens, tablets, and computer monitors. This includes mobile coupons, digital wallets, and digital loyalty cards.

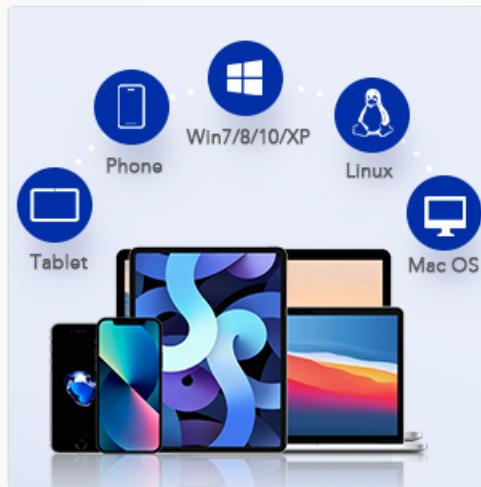


**Image 7.1:** Scanning 1D/2D Codes on Screens. This image shows the Eyoyo EY-039 scanner successfully reading various 1D and 2D barcodes displayed on a smartphone, tablet, and laptop screen, highlighting its versatility in scanning digital formats.

Example barcode numbers shown in images: 1234567890, 0005648000092, 0175842361594750.

## 8. COMPATIBILITY

The Eyoyo EY-039 scanner is designed for broad compatibility with various devices and operating systems.



**Image 8.1:** Compatible Systems. This graphic displays icons for various compatible devices and operating systems, including smartphones, tablets, Windows (versions 7, 8, 10, XP), Linux, and Mac OS, indicating the scanner's broad system support.

- **Operating Systems:** Windows (7/8/10/XP), Linux, Mac OS
- **Devices:** Desktop computers, Laptops, Smartphones (iPhone, Android), Tablets (iPad, Android)

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your Eyoyo EY-039 barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lens cleaning cloth and a mild cleaning solution if necessary. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to about 50% to prolong its lifespan.
- **Protection:** While durable, avoid dropping the scanner or subjecting it to severe impacts.

## 10. TROUBLESHOOTING

If you encounter issues with your Eyoyo EY-039 scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner does not power on.	Battery is depleted; Power switch is off.	Charge the scanner fully. Ensure the physical ON/OFF switch is in the 'ON' position.
Cannot connect via Bluetooth.	Scanner not in pairing mode; Bluetooth disabled on host device; Interference.	Ensure scanner is in pairing mode (hold scan button 8-10s). Enable Bluetooth on host device. Move closer to the host device.
2.4G wireless connection fails.	Incorrect 2.4G mode setting; Dongle not properly inserted.	Scan the 2.4G setup barcode from the physical manual. Re-insert the 2.4G dongle.

Problem	Possible Cause	Solution
Scanner does not read barcodes.	Barcode damaged/unreadable; Incorrect scanning mode; Scanner lens dirty.	Try scanning a different, known-good barcode. Ensure correct scanning mode is selected. Clean the scanner lens.
Scanned data is incorrect or incomplete.	Incorrect prefix/suffix settings; Data format issues.	Review and adjust prefix/suffix settings using the physical manual. Ensure the host application is configured correctly.

For further assistance, please refer to the comprehensive troubleshooting section in the physical user manual or contact Eyoyo customer support.

## 11. SPECIFICATIONS

Feature	Detail
Model Number	EY-039
Product Dimensions	1 x 1.6 x 4.1 inches
Item Weight	5.9 ounces
Battery	2000mAh Nonstandard Battery (included)
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Cable
Compatible Devices	Desktop, Laptop, Smartphone, Tablet, iPhone
Power Source	Corded Electric; Battery Powered
Manufacturer	Eyoyo

## 12. WARRANTY AND SUPPORT

### 12.1 Product Warranty

The Eyoyo EY-039 Barcode Scanner comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

### 12.2 Customer Support

For technical support, troubleshooting assistance, or warranty inquiries, please contact Eyoyo customer service through the retailer where the product was purchased or visit the official Eyoyo website for contact information.

