

## Eyoyo EY-039

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

Model: EY-039

## 1. INTRODUCTION

The Eyoyo EY-039 is a compact and versatile Bluetooth 2D barcode scanner designed for various applications, including inventory management, library systems, and point-of-sale. It supports 1D and 2D barcodes, offers multiple connection options, and features a long-lasting battery with a level indicator for reliable performance.

## 2. PACKAGE CONTENTS

Carefully unpack your Eyoyo EY-039 barcode scanner and verify that all items are present:

- Eyoyo Barcode Scanner
- USB Cable (for charging and wired connection)
- Lanyard
- 2.4G Dongle
- Screwdriver (for clip attachment, if applicable)
- User Manual



Image: Contents of the Eyoyo EY-039 package, including the scanner, USB cable, lanyard, 2.4G dongle, screwdriver, and manual.

### 3. PRODUCT OVERVIEW

The Eyoyo EY-039 scanner is designed for portability and ease of use. It features a compact form factor with an integrated clip for hands-free operation. The device includes a scanning button, LED indicators for battery level and connection status, and a physical power switch.



Image: The Eyoyo EY-039 scanner being placed into a pocket, demonstrating its compact size.



Image: The Eyoyo EY-039 scanner clipped to a shirt pocket, belt, and pants, illustrating its versatile clip-on design.

### 4. SETUP AND CONNECTION

The Eyoyo EY-039 offers three connection methods: Bluetooth, 2.4G Wireless, and USB Wired. Choose the method that best suits your device and environment.

#### 4.1. Charging the Scanner

Before first use, fully charge the scanner using the provided USB cable. Connect the USB cable to the scanner's charging port and a power source (e.g., computer USB port or USB wall adapter). The battery level indicators will show charging progress.

#### 4.2. Connection Methods

The scanner supports three connection types:

- **Bluetooth Connection:** For pairing with smartphones, tablets, and computers with Bluetooth capability.
- **2.4G Wireless Connection:** Uses the included USB dongle for wireless connection to computers.
- **USB Wired Connection:** Direct connection to a computer via the USB cable.



Image: Visual representation of the three connection methods: Bluetooth, 2.4G Wireless, and USB Wired, showing compatibility with various devices.

Video: Demonstration of the 2.4G wireless, Bluetooth, and USB wired connection options for the barcode scanner.

Video: Instructions on how to switch between Wireless 2.4G mode and Bluetooth HID mode.

## 5. OPERATING MODES

The Eyoyo EY-039 scanner supports two primary data upload modes:

### 5.1. Instant Upload Mode

In this mode, scanned barcode data is immediately transmitted to the connected device. This is suitable for real-time data entry.

### 5.2. Storage Mode

In Storage Mode, scanned data is saved internally in the scanner's memory. Data can be uploaded to the connected device later, which is useful when working out of range or when real-time transmission is not required.

## Portable Clip-on Bluetooth Barcode Scanner

 **BT+2.4G**  
Wireless

 **1D+2D**  
Scanning

 **SUPPORTS**  
Multiple Systems



Image: Illustration of the two upload modes: Instant Upload Mode, where data is sent immediately, and Storage Mode, where data is saved internally for later upload. Sample barcode shown: [0175842361594750](#).

Video: A detailed operation video demonstrating the use of the barcode scanner, including its various functions and modes.

## 6. SCANNING MODES

The scanner offers three distinct scanning modes to adapt to different workflows:

- **Automatic Detection Mode:** The scanner automatically detects and scans barcodes when they enter its field of view.
- **Continuous Scanning Mode:** The scanner continuously emits a scan beam, scanning multiple barcodes without needing to press the trigger for each.
- **Manual Trigger Mode:** Barcodes are scanned only when the trigger button is pressed.



Image: Visual guide to the three scanning modes: Automatic Detection, Continuous Scanning, and Manual Trigger Mode.

## 7. ADVANCED CONFIGURATION

The Eyoyo EY-039 allows for customization of various settings to optimize its performance for your specific needs.

### 7.1. Sound and Vibration Settings

You can adjust the scanner's feedback by enabling or disabling sound and vibration. Refer to the user manual for specific barcodes to scan for these settings.



Image: Visual representation of sound level adjustments (Turn off, Low, Medium, High) and vibration settings (on/off) for the scanner.

### 7.2. Data Output Editing

Customize data output by adding prefixes or suffixes, hiding characters, or appending keyboard keys like TAB and



Enter (CR/LF). These settings are typically configured by scanning specific barcodes found in the full user manual.



Image: Examples demonstrating how to add prefixes and suffixes to scanned barcode data.

### 7.3. Power Efficiency

The scanner includes a physical power on/off button to conserve battery when not in use, preventing unnecessary power drain.

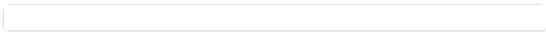


Image: Close-up view of the physical power on/off button located on the side of the Eyoyo EY-039 scanner.

## 8. BATTERY INFORMATION

The Eyoyo EY-039 is equipped with a 2000mAh rechargeable battery, providing extended operational time.

### 8.1. Battery Life

- **Working Time:** Approximately 20 hours of continuous scanning.
- **Charging Time:** Approximately 3 hours for a full charge.
- **Standby Time:** Up to 720 hours (30 days).

### 8.2. Battery Level Indicator

Four LED indicators provide a clear, real-time view of the remaining power at 25%, 50%, 75%, and 100%.



Image: Detailed view of the battery level indicators (25%, 50%, 75%, 100%) and key battery specifications for the 2000mAh battery.

## 9. SCANNING CAPABILITY AND COMPATIBILITY

The Eyoyo EY-039 is equipped with an advanced 2D CMOS imager, allowing it to decode a wide range of barcode

types from various sources.

### 9.1. Supported Barcode Types

The scanner reliably decodes comprehensive 1D and 2D barcodes, including:

- **1D Barcodes:** UPC/EAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, MSI, etc.
- **2D Barcodes:** QR Code, Data Matrix, PDF417, Aztec Code, Maxicode, etc.

It can scan barcodes from both physical labels and digital displays (e.g., smartphone screens).

### 3-in-1 Connection Ways

Bluetooth Connection

2.4G Connection

USB Connection

### 2000 mAh Rechargeable Battery

25%

50%

75%

100%

**ELECTRICITY**

20H

working Time

3H

Charging Time

720H

Standby Time

Image: The scanner demonstrating its ability to read various 1D and 2D barcodes on a screen. Sample barcodes include: [1234567890](#), [0100623557686963](#), [0005648000092](#).

### Sound and vibration set

High

Medium

Low

Turn off

**Vibration on**

**vibration off**

Image: The scanner successfully reading 1D and 2D barcodes displayed on various digital screens, including monitors and smartphones.

### 9.2. Compatible Devices and Operating Systems

The scanner is broadly compatible with a wide range of devices and operating systems:

- **Devices:** Laptops, Desktop PCs, Macs, iPhones, Android phones, Tablets, POS systems.
- **Operating Systems:** Windows (7/8/10/XP), Mac OS, Linux, Android, iOS.



Image: Diagram showing the scanner's compatibility with various devices (Phone, Tablet, Desktop, Laptop) and operating systems (Win7/8/10/XP, Linux, Mac OS).

## 10. APPLICATIONS

The portable design and versatile scanning capabilities of the Eyoyo EY-039 make it suitable for numerous environments:

- **Warehouse:** Inventory management, tracking goods.
- **Logistics:** Package sorting, delivery verification.
- **Bookstore/Library:** Book check-in/check-out, inventory.
- **Ticketing:** Event entry, access control.



Image: Collage showing the barcode scanner being used in a warehouse, logistics, bookstore, and ticketing scenarios.

## 11. TROUBLESHOOTING

If you encounter issues with your Eyoyo EY-039 scanner, consider the following common solutions:

- **Scanner not connecting:** Ensure the scanner is charged. Verify the correct connection mode (Bluetooth, 2.4G, or USB) is selected and properly configured on both the scanner and the host device. For Bluetooth, ensure the device's Bluetooth is enabled and the scanner is in pairing mode.
- **No data transmission:** Check if the scanner is successfully connected. Ensure the application on your host device is ready to receive input (e.g., a text field is active).
- **Unable to scan certain barcodes:** Confirm the barcode type is supported by the scanner. Ensure the barcode is clean, undamaged, and well-lit. Try adjusting the distance and angle of the scanner to the barcode.
- **Short battery life:** Ensure the scanner is fully charged. Turn off the scanner using the physical power switch when not in use to conserve battery.
- **Incorrect data output:** Review the advanced configuration settings (prefixes, suffixes, keyboard keys) in your full user manual to ensure they are set correctly.

For persistent issues, refer to the detailed troubleshooting section in the complete user manual or contact Eyoyo customer support.

## 12. SPECIFICATIONS

Product Dimensions	5.71 x 3.78 x 1.43 inches
Item Weight	6.5 ounces
Item Model Number	EY-039
Batteries	1 Nonstandard Battery (included)
Power Source	Battery Powered

Connectivity Technology	2.4G wireless, Bluetooth, USB Cable
Compatible Devices	Desktop, Laptop, POS, Smartphone, Tablet
Manufacturer	Eyoyo

### 13. WARRANTY AND SUPPORT

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The Eyoyo EY-039 barcode scanner typically comes with a 1-year warranty. Please refer to the warranty card included in your package or contact Eyoyo customer support for detailed warranty terms and conditions. For technical assistance, troubleshooting, or further inquiries, please visit the official Eyoyo support website or contact their customer service team.



# Powerful Scanning Capability

Support to scan 1D/2D codes on paper or screen



Image: The Eyoyo EY-039 package contents, highlighting the 1-year warranty.