

Eyoyo EY-038

Eyoyo EY-038 2D Bluetooth Ring Barcode Scanner User Manual

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Eyoyo EY-038 2D Bluetooth Ring Barcode Scanner. This compact, wearable device is designed for efficient barcode scanning, offering multiple connectivity options and a convenient display screen for direct configuration.

The EY-038 scanner supports various 1D and 2D barcode types, including those on screens, and features a 330-degree rotating head for comfortable left or right-handed use. Its integrated display allows users to view essential information and adjust settings directly on the device.

Your browser does not support the video tag.

Video Description: An overview of the Eyoyo Wearable Bluetooth Ring Barcode Scanner with Display, highlighting its key features and applications.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Eyoyo EY-038 Barcode Scanner
- 2.4G USB Dongle
- USB Cable (for charging and wired connection)
- User Manual

PACKAGE INCLUDES



Barcode Scanner



2.4G USB Dongle



USB Cable



User Manual



YEAR
WARRANTY

Image Description: The package includes the Eyoyo EY-038 barcode scanner, a 2.4G USB dongle for wireless connection, a USB cable for charging and wired connection, and a user manual.

PRODUCT OVERVIEW

The Eyoyo EY-038 is a compact and versatile ring barcode scanner designed for ease of use and efficiency. It features a 1-inch color display, a scan trigger button, and a USB-C charging port.



Image Description: The Eyoyo EY-038 ring barcode scanner is designed for comfortable, hands-free operation, allowing users to perform other tasks simultaneously.

SMART LCD DISPLAY

The screen makes it super easy to go through settings.



Image Description: The integrated LCD display provides real-time information and allows direct configuration of settings without needing to scan codes from a manual.

SETUP

1. Power On/Off

To power on the device, slide the power switch to the 'ON' position and then press the side 'OK/Scan' button. To power off, slide the power switch to 'OFF'.

2. Charging

Connect the provided USB cable to the scanner's USB-C port and the other end to a power source (e.g., computer USB port, USB wall adapter). The display will indicate charging status.

3. Wearing the Scanner

The scanner features a 330-degree rotating head, allowing it to be worn comfortably on either the left or right hand. Adjust the strap for a secure fit on your finger.

RUGGED 330° ROTATION HEAD

Easily switch from left and right hands

330°
Rotation Head



Image Description: The scanner's rotating head allows for comfortable use by both left-handed and right-handed individuals, improving ergonomic flexibility.

WEARABLE RING DESIGN

Free up hands to increase operational efficiency



Image Description: The wearable ring design frees up the user's hands, enabling multitasking and increasing operational efficiency in various work environments.

OPERATING INSTRUCTIONS

1. Connection Modes

The Eyoyo EY-038 offers three primary connection methods:

- **Bluetooth (HID Mode):** Connects wirelessly to smartphones, tablets, and other Bluetooth-enabled devices.
- **2.4G Wireless:** Uses the included USB dongle for wireless connection to computers.
- **USB Wired:** Connects directly to a computer via the USB cable for data transfer and charging.

3-IN-1 CONNECTION



BT 4.1 Connection
Wireless Mode



USB Connection
Wired Mode



2.4G Connection
Wireless Mode

Image Description: The scanner offers flexible connectivity options, including Bluetooth for mobile devices, 2.4G wireless with a dongle for PCs, and a direct USB wired connection.

Your browser does not support the video tag.

Video Description: A demonstration of the three connection methods for the Eyoyo EY-038 barcode scanner: Bluetooth, 2.4G Wireless, and USB Wired.

2. Scanning Modes

The scanner supports three scanning modes:

- **Key Trigger Mode:** Press the scan button to initiate a scan.
- **Auto-sensing Mode:** The scanner automatically detects and scans barcodes when they are presented within its field of view.
- **Continuous Mode:** The scanner continuously scans, ideal for high-volume scanning tasks.

Your browser does not support the video tag.

Video Description: This video explains how to switch between different scanning modes, including key trigger, auto-sensing, and continuous mode, on the Eyoyo EY-038.

3. Upload Modes

The EY-038 offers two data upload modes:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device.
- **Storage Mode:** Barcodes are stored in the scanner's internal memory (up to 100,000 UPC barcodes) and can be uploaded later when within range or connected.

2 UPLOAD MODES



Image Description: Choose between instant data upload for real-time processing or storage mode to collect barcodes offline and upload them later.

Your browser does not support the video tag.

Video Description: Learn how to configure the storage mode and set end characters (like CR or TAB) for scanned data on the Eyoyo EY-038 scanner.

4. Basic Settings via Display

The integrated 1-inch color display allows for direct adjustment of various settings:

- **Beep and Vibration:** Adjust beep volume (Off/Low/Medium/High) and toggle vibration feedback on or off.
- **End Character:** Configure the end character (e.g., None, Add CR, Add LF, Add TAB, Add CR+LF) to append to scanned data.

- **Time and Date:** Add the current time and date as a prefix or suffix to scanned data for improved record-keeping.

Your browser does not support the video tag.

Video Description: This video demonstrates how to adjust the beep volume and enable/disable vibration feedback on the Eyoyo EY-038 barcode scanner.

Your browser does not support the video tag.

Video Description: This video tutorial shows how to add the current time and date as a prefix or suffix to your scanned barcode data using the Eyoyo EY-038.

ADVANCED FEATURES

Decoding Performance

The Eyoyo EY-038 is equipped with a high-performance 2D scan engine capable of reading poorly printed and on-screen barcodes. It supports a wide array of barcode symbologies, 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.

SUPPORT 1D/2D CODES ON PAPER & SCREEN



Image Description: The scanner supports a wide range of 1D and 2D barcode types, including those displayed on screens, enhancing versatility.

MAINTENANCE

1. Cleaning

Regularly clean the scanner's lens and exterior with a soft, dry, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the device.

2. Battery Care

The scanner uses a Lithium Polymer battery. To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will be stored for an extended period.

3. Storage

Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the power

is off when not in use for prolonged periods.

TROUBLESHOOTING

1. Scanner Not Turning On

- Ensure the power switch is in the 'ON' position.
- Press the side 'OK/Scan' button to activate the device.
- Check battery level; charge the scanner if the battery is low.

2. Unable to Connect via Bluetooth/2.4G Wireless

- Ensure the scanner is in the correct pairing mode (Bluetooth HID or 2.4G Wireless).
- For Bluetooth, ensure your host device's Bluetooth is enabled and discoverable.
- For 2.4G Wireless, ensure the USB dongle is securely plugged into your computer.
- Try restarting both the scanner and the host device.

3. Scanned Data Not Appearing

- Verify the scanner is successfully connected to your host device.
- Ensure the host device has an active text input field selected (e.g., notepad, spreadsheet).
- If in Storage Mode, ensure you have initiated the 'Upload Data' function.

SPECIFICATIONS

Feature	Detail
Model Number	EY-038
Product Dimensions	3.94 x 3.15 x 1.57 inches
Item Weight	4.2 ounces
Battery Type	1 Lithium Polymer battery (included)
Connectivity Technology	USB Wired, 2.4G Wireless, Bluetooth
Compatible Devices	Laptop, Smartphone, Tablet, iPad, iPhone
Decoding Capability	1D and 2D barcodes (including on-screen)

WARRANTY AND SUPPORT

Warranty Information

The Eyoyo EY-038 Barcode Scanner comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Eyoyo customer support through their official website or the retailer where the product was purchased. Please have your model number (EY-038) and purchase details available when contacting support.