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Eyoyo EY040

Eyoyo EY040 Portable Mini 2D Bluetooth Barcode Scanner User Manual

Model: EY040

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Eyoyo EY040 Portable Mini 2D Bluetooth Barcode Scanner. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image 1.1: The Eyoyo EY040 Portable Mini 2D Bluetooth Barcode Scanner, showcasing its compact design, integrated USB dongle, and included USB-A to USB-C charging cables.

2. SETUP

2.1 Charging the Scanner

Before initial use, fully charge the scanner. Connect the provided USB-C cable to the scanner's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The smart LCD display will indicate the battery level during charging.



Image 2.1: The Eyoyo EY040 barcode scanner connected to a laptop via its USB-C cable for charging, illustrating its 1200mAh battery capacity and charging time.

2.2 Powering On/Off

Locate the physical on/off switch button on the scanner. Slide the switch to the 'On' position to power on the device. Slide it to 'Off' to conserve battery when not in use.

2.3 Connection Modes

The Eyoyo EY040 supports three connection methods: Bluetooth, 2.4G Wireless, and USB Wired.



Image 2.2: An illustration detailing the three connection methods: Bluetooth for phones, tablets, and Macs; 2.4G Wireless for Windows and Mac OS via a dongle; and USB Wired for direct connection.

- **Bluetooth Connection:**

Turn on the scanner. Navigate to the Bluetooth settings on your host device (smartphone, tablet, laptop). Search for available devices and select 'Eyoyo EY040' to pair. The scanner's LCD will confirm the connection status.

- **2.4G Wireless Connection:**

Insert the 2.4G USB receiver into an available USB port on your computer. Turn on the scanner. The scanner will automatically attempt to connect to the receiver. The LCD display will show the connection status.

- **USB Wired Connection:**

Connect the scanner directly to your computer using the provided USB cable. The scanner will function as a wired device, and no additional pairing is required.

3. OPERATING INSTRUCTIONS

3.1 Smart LCD Display

The integrated LCD display provides real-time information including time, battery level, connection mode, and barcode data. It also allows for intuitive configuration of scanner functions without needing to scan complex programming barcodes from a manual.



Image 3.1: The intuitive smart LCD display of the Eyoyo EY040, showing various menu options for easy configuration.

3.2 Scanning Barcodes

The EY040 utilizes advanced 2D CMOS image technology to decode both 1D and 2D barcodes, including those that are poor quality, damaged, or displayed on screens.

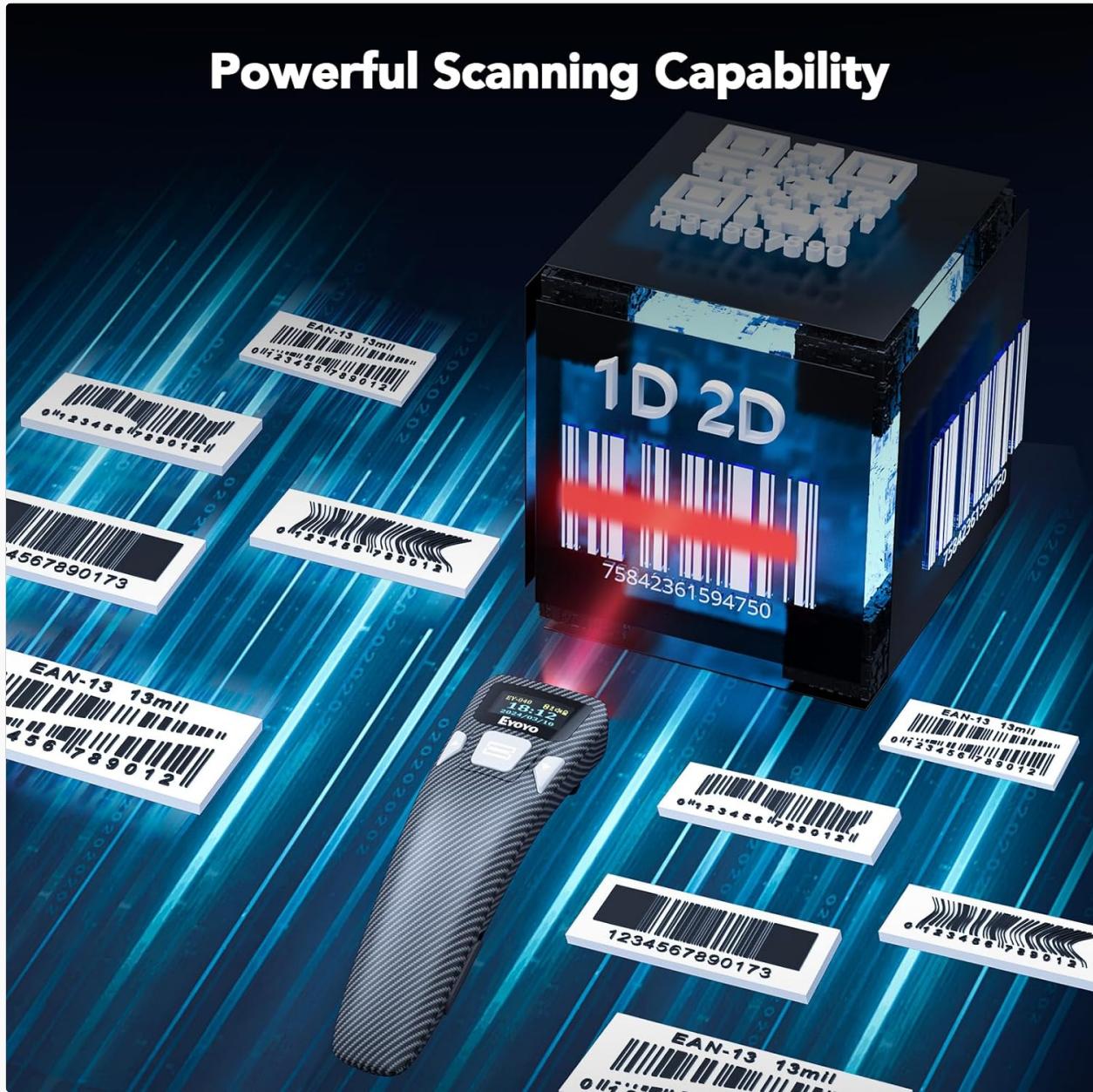


Image 3.2: The Eyoyo EY040 demonstrating its powerful scanning capability on various 1D and 2D barcodes.

3.3 Scanning Modes

The scanner supports multiple scanning modes to suit different operational needs:



3-in-1 Connection



Image 3.3: Visual representation of the three available scanning modes: Manual Trigger, Continuous, and Auto-Sense.

- **Manual Trigger Mode:** Press the scan button to activate the scanner and read a barcode.
- **Continuous Scanning Mode:** The scanner remains active and continuously scans barcodes without requiring a button press for each scan.
- **Auto-Sense Scanning Mode:** The scanner automatically activates when a barcode is presented within its scanning range.

3.4 Upload Modes

Choose how scanned data is transmitted to your host device:



3 Scanning Modes



Image 3.4: Explanation of Instant Upload Mode and Storage Mode for data transmission.

- **Instant Upload Mode:** Barcode data is transmitted to the connected device immediately after scanning.
- **Storage Mode:** Barcode data is stored in the scanner's internal memory (up to 90,000 barcodes) and can be uploaded to the host device at a later time.

3.5 Custom Configuration

The scanner allows for various customizations via the LCD display:

- **Prefix/Suffix:** Add custom characters or date/time stamps before or after scanned data.



Image 3.5: Configuring date and time as a prefix or suffix to barcode data.

- **Sound and Vibration:** Adjust volume levels (Off, Low, Medium, High) and enable/disable vibration feedback.

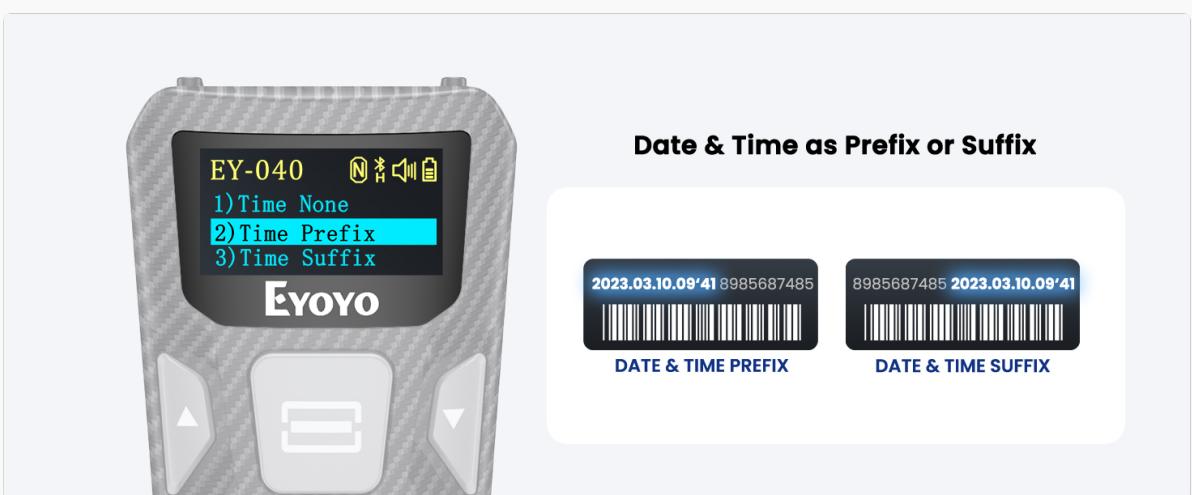


Image 3.6: Settings for sound and vibration feedback on the scanner.

- **Keyboard Keys:** Add special keyboard keys like CR (Carriage Return), LF (Line Feed), TAB, or CR&LF.
- **iOS Keyboard:** Option to bring out or hide the keyboard for iOS systems.
- **Barcode Type:** Enable or disable specific barcode types for scanning.

4. MAINTENANCE

4.1 Battery Management

The scanner is equipped with a 1200mAh battery, providing approximately 20 hours of continuous working time and 720 hours of standby time. A full charge takes about 2.5 hours via the USB-C port. The LCD display shows the current battery level, eliminating guesswork regarding charging needs.

Intuitive Smart LCD Display



Image 4.1: Battery specifications for the Eyoyo EY040, highlighting its 1200mAh capacity and usage times.

4.2 Cleaning

To clean the scanner, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Do not use abrasive cleaners or solvents.

4.3 Storage

Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures. The 2.4G receiver can be stored in its dedicated slot on the scanner to prevent loss.

5. TROUBLESHOOTING

- Scanner not connecting:** Ensure the scanner is charged and powered on. Verify the correct connection mode (Bluetooth, 2.4G, USB) is selected and properly configured on both the scanner and the host device. For 2.4G, ensure the dongle is securely inserted.
- Scanning issues:** Ensure the barcode is clean, undamaged, and well-lit. Adjust the distance and angle of the scanner to the barcode. Some very small or low-contrast QR codes may be difficult to read.
- Data not transmitting:** Check the connection status on the LCD display. Ensure the host device's input field is active and ready to receive data. If in storage mode, ensure you initiate the upload process.
- Short operating range:** Wireless range can be affected by environmental interference. Try reducing the distance between the scanner and the receiver/host device.
- LCD display not working:** Ensure the scanner is powered on and charged. If the issue persists, contact customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	Eyoyo
Model	EY040

Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Power Source Type	Battery Powered, Corded Electric
Battery Cell Composition	NiMH
Connectivity Technology	2.4G Wireless, Bluetooth, USB Cable
Operating Voltage	5 Volts
Parcel Dimensions	16.3 x 8.2 x 4 cm; 126 g

7. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the documentation included with your product packaging or visit the official Eyoyo website. Contact details for customer service are typically provided on the manufacturer's support page.

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Related Documents - EY040

	<p>Eyoyo EY-023 QA: Barcode Scanner Frequently Asked Questions</p> <p>Frequently asked questions and troubleshooting guide for the Eyoyo EY-023 barcode scanner, covering setup, connectivity, compatibility, and common issues.</p>
	<p>Eyoyo EY-039 QA: Frequently Asked Questions and Setup Guide</p> <p>This document provides answers to frequently asked questions and setup instructions for the Eyoyo EY-039 2D Bluetooth Barcode Scanner. It covers pairing, compatibility, configuration options, and troubleshooting.</p>

	<p>Eyoyo EY-017P 2D Barcode Scanner User Manual</p> <p>This user manual provides comprehensive instructions for the Eyoyo EY-017P 2D Barcode Scanner. It covers setup, quick start guide, features, technical specifications, product introduction, buzzer and indicator light states, FAQs, troubleshooting, battery and charging information, restoring defaults, version number, pairing modes (HID, SPP, BLE), upload modes (Normal, Storage), iOS keyboard functions, keyboard language settings, beep/vibration settings, sleep time, end character settings, case conversion, scanning modes, and detailed barcode parameter configurations for various symbologies.</p>
	<p>EYOYO EY-021 Barcode Scanner User Manual</p> <p>User manual for the EYOYO EY-021 Barcode Scanner. Covers features, technical specifications, setup, operation, troubleshooting, and various scanning configurations. Includes details on Bluetooth and 2.4G connectivity.</p>
	<p>Eyoyo EY-015P Wireless Barcode Scanner FAQ and Setup Guide</p> <p>Comprehensive FAQ and troubleshooting guide for the Eyoyo EY-015P wireless barcode scanner. Learn how to enable barcode types, pair with devices, configure settings, and resolve common issues for optimal performance.</p>
	<p>Eyoyo EY-015P 2D Barcode Scanner User Manual</p> <p>User manual for the Eyoyo EY-015P 2D Barcode Scanner, covering setup, features, technical specifications, troubleshooting, and advanced settings.</p>