Eyoyo EY-YH0446

Eyoyo Mini 1D Bluetooth Barcode Scanner User Manual

Model: EY-YH0446

1. Introduction

The Eyoyo Mini 1D Bluetooth Barcode Scanner is a versatile and portable device designed for efficient barcode scanning. It offers three connection modes: Bluetooth, 2.4G Wireless, and USB Wired, providing flexibility for various operating environments. Its compact size and lightweight design make it ideal for mobile use in retail, warehousing, and inventory management.
This manual provides detailed instructions on setting up, operating, and maintaining your Eyoyo barcode scanner to ensure optimal performance.

Image: The Eyoyo Mini 1D Bluetooth Barcode Scanner alongside its 2.4G USB dongle, illustrating its compact design and primary components.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1x Eyoyo 1D barcode scanner
- 1x USB Charging Cable
- 1x 2.4G USB Dongle
- 1x User Manual

Image: All components included in the Eyoyo barcode scanner package: the scanner unit, USB charging cable, 2.4G USB dongle, and the user manual.

3. Specifications

Feature	Detail
Model	EY-YH0446
Dimensions	1.21 x 3.96 x 7.62 cm
Weight	35g / 1.23oz (scanner only)
Scan Rate	300 frames/second
Battery Capacity	650mAh rechargeable Lithium Ion
Continuous Scanning Time	Up to 5 hours
Charging Time	Approx. 2 hours
Standby Time	Up to 30 days
Storage Capacity	16MB (stores over 100,000 barcodes in offline mode)
2.4G Transmission Distance	15m/49ft (with obstacles), 30m/98ft (barrier-free)
Bluetooth Transmission Distance	20m/66ft (with obstacles), 50m/164ft (barrier-free)
Supported Symbologies	UPC/EAN, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar, Industry25, Matrix25, etc. (1D codes only)
Compatibility	Windows XP/7/8/10, Mac OS, Linux, Android, iOS devices (PC, Laptop, Smartphone, Tablet, POS)

4. Setup and Connection

The Eyoyo barcode scanner supports three primary connection modes:

Image: Visual representation of the three connection modes: USB Wired, 2.4G Wireless, and Bluetooth, and their respective device connections.

4.1. USB Wired Mode

This mode provides a direct and stable connection, ideal for desktop use or when wireless connectivity is not required.

1. Connect the scanner to your computer using the provided USB cable.
2. The scanner will be recognized as a keyboard input device.
3. No additional drivers are typically required.

4.2. 2.4G Wireless Mode

For wireless operation with devices that support USB ports, such as PCs or laptops.

1. Insert the 2.4G USB dongle into an available USB port on your computer.
2. Turn on the barcode scanner. It should automatically pair with the dongle.
3. A successful connection is usually indicated by a specific sound or LED indicator on the scanner.

4.3. Bluetooth Mode

Connect wirelessly to Bluetooth-enabled devices like smartphones, tablets, or laptops.

1. Ensure the scanner is powered on and in Bluetooth pairing mode (refer to the scanner's LED indicator for status).
2. On your device (smartphone, tablet, PC), go to Bluetooth settings and search for available devices.
3. Select the Eyoyo scanner from the list (it may appear as "Eyoyo Barcode Scanner" or similar).
4. Confirm the pairing. Once connected, the scanner is ready for use.

Image: The Eyoyo barcode scanner demonstrating compatibility with various operating systems and devices, including Windows, Android, iOS/macOS, and Linux.

5. Operating Instructions

5.1. Basic Scanning

To scan a barcode, point the scanner's light beam at the barcode and press the trigger button. A successful scan is

typically indicated by a beep and/or vibration.
The scanner is designed to read various 1D barcode types, including those that are damaged, distorted, colorful, or reflective.

Image: Illustrations of various 1D barcode types, including reflective, colorful, distortion, and damaged barcodes, all of which the Eyoyo scanner is capable of decoding. Example barcode: 9780812048247

5.2. Sound and Vibration Settings

You can customize the scanner's feedback by turning the sound and vibration on or off.

Image: Visual guide demonstrating how to enable or disable sound and vibration feedback on the scanner, typically by scanning specific configuration barcodes found in the full manual.

Refer to the full user manual (included in the package) for specific configuration barcodes to toggle these settings.

5.3. Transmission Distance

The scanner offers impressive transmission ranges depending on the connection mode and environment:

- **2.4G Wireless Mode:** Up to 30m (98ft) in barrier-free environments; up to 15m (49ft) with obstacles.
- **Bluetooth Mode:** Up to 50m (164ft) in barrier-free environments; up to 20m (66ft) with obstacles.

Image: A diagram illustrating the effective transmission distances for both 2.4G wireless and Bluetooth 4.1 modes, showing ranges in both barrier-free and obstructed environments.

5.4. Storage Mode (Offline Scanning)

When out of range or not connected, the scanner can store barcodes internally. It has a 16MB capacity, capable of storing over 100,000 barcodes.
To switch to storage mode or upload stored data, refer to the detailed instructions in the physical user manual.

6. Maintenance

6.1. Battery Charging

The scanner is equipped with a 650mAh rechargeable Lithium Ion battery. To charge:

1. Connect the scanner to a USB power source (computer USB port or USB wall adapter) using the provided USB charging cable.
2. The charging indicator light will show the charging status.

3. A full charge takes approximately 2 hours and provides up to 5 hours of continuous scanning time or 30 days of standby time.

Image: Information on the scanner's 650mAh rechargeable battery, indicating 5 hours of scanning time, 720 hours of standby time, and 4 hours of charging time.

6.2. Cleaning

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, lint-free cloth. Do not use abrasive cleaners or immerse the device in liquids.

7. Troubleshooting

If you encounter issues with your Eyoyo barcode scanner, please refer to the following common solutions:

- **Scanner not powering on:** Ensure the battery is charged. Connect the scanner to a power source using the USB cable.

- **Scanner not connecting:**
  - **USB Wired:** Check the USB cable connection and try a different USB port.
  - **2.4G Wireless:** Ensure the USB dongle is securely inserted and try re-pairing by scanning the pairing barcode (if applicable, refer to manual).
  - **Bluetooth:** Ensure Bluetooth is enabled on your host device, the scanner is in pairing mode, and try re-pairing from your device's Bluetooth settings.
- **Scanner not reading barcodes:**
  - Ensure the barcode is 1D. This scanner does not support 2D barcodes.
  - Check if the barcode is clear and not excessively damaged or smudged.
  - Ensure sufficient lighting.
  - Verify the scanner's settings (e.g., if a specific symbology is disabled).
- **No sound/vibration feedback:** Check the sound/vibration settings as described in Section 5.2.

For more complex issues, please contact customer support.

8. Support

For technical assistance, warranty inquiries, or further information, please contact Eyoyo customer support:

- **Email:** eyoyoservice@163.com
- **Website:** www.eyoyousa.com

Please have your model number (EY-YH0446) and a description of the issue ready when contacting support.