

## symcode HX-2-Blue

# Symcode Small Portable 2D QR Barcode Scanner User Manual

Model: HX-2-Blue | Brand: Symcode

## 1. INTRODUCTION AND OVERVIEW

The Symcode HX-2-Blue is a compact and highly portable 2D QR barcode scanner, engineered for efficient inventory management and data collection. Its ergonomic, pocket-sized design ensures ease of use and transport, making it ideal for various environments from warehouses to retail spaces. This versatile device supports three connection modes: Bluetooth, 2.4G wireless, and USB wired, providing flexible integration with a wide range of devices including smartphones, tablets, PCs, and POS systems running Windows, Mac, Android, and iOS.

Equipped with an advanced CMOS sensor, the scanner boasts superior decoding capabilities, allowing it to accurately read both 1D and 2D barcodes (including QR, PDF417, and Data Matrix) from both paper and digital screens. It can even decode damaged, distorted, or reflective barcodes, ensuring reliable performance. The built-in rechargeable battery provides extended operational hours, and customizable options such as sound and vibration control enhance user experience.



The Symcode HX-2-Blue scanner, demonstrating its small, portable form factor when held in a user's hand.

## 2. SETUP

### 2.1 Package Contents

Before beginning, please verify that all items are present in your package:

- Symcode HX-2-Blue Barcode Scanner
- 2.4GHz Wireless Dongle
- USB Cable
- User Manual
- Sling



Illustration of the items included in the product package: 2.4GHz Wireless Dongle, User Manual, Symcode Scanner, USB Cable, and Sling.

### 2.2 Charging the Scanner

Before first use, fully charge the scanner using the provided USB cable. Connect the small end of the USB cable to the scanner's charging port and the larger end to a USB power adapter (not included) or a computer's USB port. The charging indicator light will show the charging status.

### 2.3 Connection Modes

The scanner supports three primary connection methods:

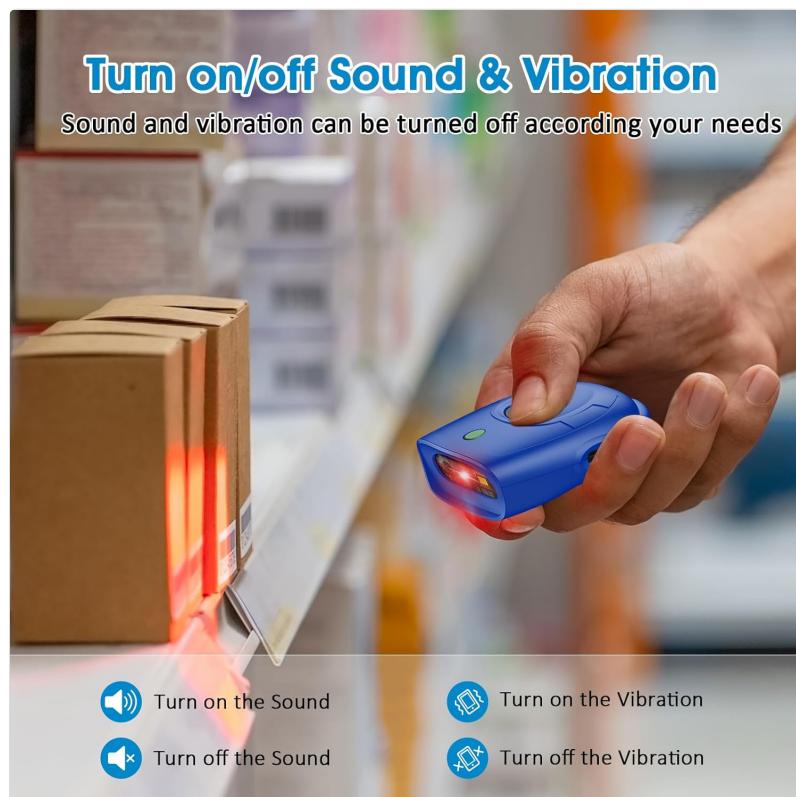
- **USB Wired Mode:** Connect the scanner directly to your computer using the USB cable. This mode provides a stable connection and charges the device simultaneously.
- **2.4G Wireless Mode:** Insert the 2.4GHz USB dongle into a USB port on your computer. The scanner will

automatically pair with the dongle for wireless operation. This mode offers a transmission range of up to 656 feet in unobstructed environments.

- **Bluetooth Mode:** Enable Bluetooth on your smartphone, tablet, or PC. Put the scanner into Bluetooth pairing mode (refer to the specific instructions in the included user manual for pairing barcode scans). Select the scanner from your device's Bluetooth discovery list to connect.



The scanner offers versatile 3-in-1 connection options: USB Wired, 2.4G Wireless, and Bluetooth, adapting to various device and scenario needs.



The scanner supports multiple systems, including iOS, Android, Windows, Mac OS, and Linux, ensuring broad compatibility with various devices like laptops, POS systems, smartphones, and tablets.

## 3. OPERATING INSTRUCTIONS

### 3.1 Basic Scanning Operation

To scan a barcode, point the scanner's window at the barcode and press the scan button. A successful scan will typically be indicated by a beep and/or vibration (if enabled) and the data will be transmitted to your connected device.



The scanner in action, demonstrating how to aim and scan a barcode on a package.

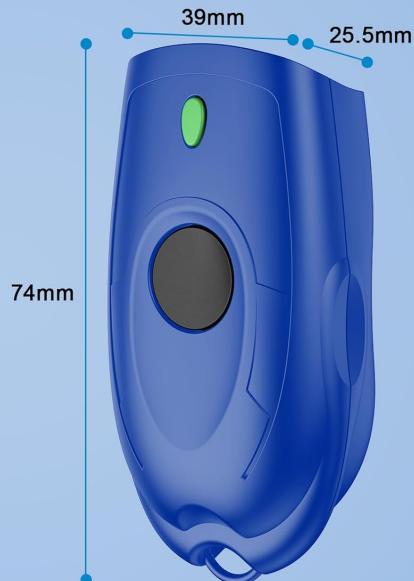
### 3.2 Decoding Capabilities

The Symcode HX-2-Blue is designed for super decoding, capable of reading a wide array of 1D and 2D barcodes, even if they are blurred, incomplete, or damaged. This includes:

- **1D Barcodes:** Codabar, Code 11, Code93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard25, Matrix.
- **2D Barcodes:** QR Code, DataMatrix, PDF417, Aztec, Hanxin, Micro PDF417.

*Note: Not compatible with Square systems.*

## Mini Portable Long Standby



The scanner's super decoding ability allows it to read various 2D and 1D codes, even if they are blurred or incomplete.

### 3.3 Sound and Vibration Settings

You can customize the scanner's feedback by turning the sound and vibration functions on or off according to your preference and working environment. Refer to the included user manual for specific configuration barcodes to adjust these settings.



Options to turn on or turn off the sound and vibration feedback of the scanner.

## 4. MAINTENANCE

### 4.1 Battery Information

The scanner is equipped with a 1000 mAh rechargeable battery, providing extended use. A full charge typically takes approximately 4 hours, offering up to 8 hours of continuous scanning time or an impressive 720 hours of standby time.



Details of the scanner's 650 mAh battery, highlighting its long continuous use and standby time.

### 4.2 Cleaning and Care

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, lint-free cloth, slightly dampened with water or a mild cleaning solution, to gently wipe the surface. Avoid using abrasive cleaners or solvents that could damage the device.

### 4.3 Durability

The scanner features an anti-shock design, engineered to withstand multiple drops from a height of up to 1.5 meters (approximately 5 feet) onto concrete surfaces, ensuring its functionality in demanding environments.



The scanner's anti-shock design ensures it remains functional even after multiple drops from a height of 1.5 meters onto concrete.

## 5. TROUBLESHOOTING

### 5.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Scanner does not power on.	Low battery.	Charge the scanner fully.
Scanner does not connect to device.	Incorrect connection mode; Bluetooth not paired; Dongle not recognized.	Ensure correct mode (wired, 2.4G, BT). Re-pair Bluetooth. Re-insert 2.4G dongle.
Scanner does not read barcodes.	Barcode damaged/unsupported; Scanning window dirty; Insufficient lighting.	Try a different barcode. Clean scanning window. Ensure adequate lighting. Check barcode type compatibility.
No sound/vibration feedback.	Feedback settings are off.	Scan the appropriate configuration barcode from the user manual to enable sound/vibration.

### 5.2 General Advice

- If the scanner becomes unresponsive, try resetting it by holding down the scan button for 10-15 seconds, or by allowing the battery to fully discharge and then recharging it.
- Ensure your connected device's drivers are up to date, especially for USB wired connections.

- For advanced configurations or persistent issues, refer to the detailed troubleshooting section in the comprehensive user manual provided with the product.

## 6. SPECIFICATIONS

Feature	Specification
Product Dimensions	1.25 x 1.5 x 3 inches
Item Weight	3.53 ounces
Batteries	1 Lithium Polymer battery required (included)
Connectivity Technology	Bluetooth, USB Cable, 2.4G Wireless
Power Source	Battery Powered
Compatible Devices	Laptop, POS, Smartphone, Tablet
Manufacturer	Symcode
Date First Available	January 16, 2024

## 7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the specific warranty card included with your product or visit the official Symcode website. Contact details for technical assistance are typically provided within the full user manual or on the manufacturer's support page.