## symcode 2D QR Orange (B0CS6M178X)

# Symcode Bluetooth 2D Barcode Scanner Instruction Manual

Model: 2D QR Orange (B0CS6M178X)

## INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Symcode Bluetooth 2D Barcode Scanner. This portable scanner offers versatile 3-in-1 connectivity (Bluetooth, 2.4G Wireless, USB Wired) and is designed for efficient scanning of both 1D and 2D barcodes across various platforms.

Image: The Symcode Bluetooth 2D Barcode Scanner in orange, shown with its accessories: USB charging cable, 2.4G USB dongle, and a black lanyard.

## PRODUCT OVERVIEW AND PACKAGE CONTENTS

Before using your scanner, please ensure all components are present in the package.

Image: A visual representation of the package contents, including the scanner, 2.4GHz wireless dongle, user manual, USB cable, and sling.

## Package Includes:

- 1x Symcode 2D Barcode Scanner
- 1x USB Charging Cable
- 1x 2.4G USB Dongle
- 1x User Manual
- 1x Sling

## SPECIFICATIONS

| Feature | Description |
|---|---|
| Dimensions | 5.43 x 4.21 x 2.13 inches (Package) |

| Feature | Description |
| --- | --- |
| Weight | 4.2 ounces (Item) |
| Battery | 650mAh Lithium Polymer (rechargeable, included) |
| Charging Time | Approx. 2 hours |
| Continuous Scanning Time | Up to 5 hours |
| Standby Time | Up to 30 days (720 hours) |
| Connectivity | Bluetooth, 2.4G Wireless, USB Wired |
| Transmission Distance (2.4G Wireless) | 150m/492ft (barrier-free), 15m/49ft (with obstacles) |
| Transmission Distance (Bluetooth) | 50m/164ft (barrier-free), 20m/66ft (with obstacles) |
| Storage Capacity | 16MB (stores over 100,000 barcodes in offline mode) |
| Decoding Ability (2D) | QR Code, Data Matrix, PDF417, Aztec code, Maxicode |
| Decoding Ability (1D) | JAN/EAN-13, JAN/EAN-8, UPC-A, UPC-E, Code11, Code32, Code39, Code 39 Full ASCII, Code93, Code128, Codabar (NW-7), Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, PLESSEY, MSI, ITF14, ISBN, ISSN, GS1 Databar, GS1-128 (UCC/EAN128), ISBT-128 |
| Compatible OS | Windows XP/7/8/10, Mac OS, Linux, Android, iOS |

# 650 mAh Battery

## Longer Continuous Use and Standby Time

**4** hours
Charging Time

**8** hours
Scanning Time

**650** mAh
Rechargeable Battery

**720** hours
Standby Time

Image: Detailed battery specifications and internal components of the scanner, highlighting its 650mAh battery and long standby time.

# Versatile 3-in-1 Connection

## Freely choose different devices according to multiple scenarios

Wired Mode with USB Connection

Wireless Mode with 2.4G Connection

Wireless Mode with BT Connection

Image: Transmission range capabilities of the scanner in different environments for both 2.4G wireless and Bluetooth connections.
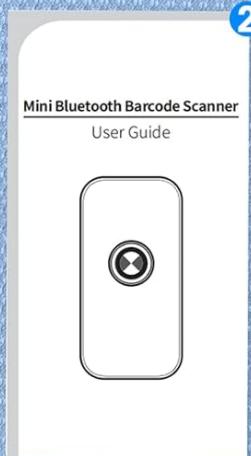
Image: Visual representation of the scanner's mini portable design and dimensions, demonstrating its ease of carrying.

## SETUP

### 1. Charging the Scanner

Before first use, fully charge the scanner. Connect the provided USB charging cable to the scanner's charging port and to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show the charging status. A full charge takes approximately 2 hours.

### 2. Connection Modes

The Symcode scanner supports three connection modes: USB Wired, 2.4G Wireless, and Bluetooth Wireless.

# Long Transmission Distance

## Barrier Environment

2.4GHz Wireless : 30m/98ft          Bluetooth Wireless : 15m/49ft

0123456789
0123456789
0123456789

## Barrier Free Environment

2.4GHz Wireless : 150m/492ft          Bluetooth Wireless : 50m/164ft

0123456789
0123456789
0123456789

Image: Illustration of the three versatile connection options: USB wired, 2.4G wireless via dongle, and Bluetooth wireless.

## USB Wired Mode:

- Connect the scanner directly to your computer using the provided USB cable.
- The scanner will be recognized as a keyboard device, and scanned data will appear wherever your cursor is placed.
- No drivers are required for this mode.

## 2.4G Wireless Mode:

- Plug the 2.4G USB dongle into an available USB port on your computer.
- Turn on the scanner. It should automatically pair with the dongle.
- This mode offers a transmission distance of up to 150m (492ft) in barrier-free environments.

## Bluetooth Wireless Mode:

- Ensure your device (smartphone, tablet, laptop) has Bluetooth enabled.
- Turn on the scanner and put it into Bluetooth pairing mode (refer to the specific steps in the included user manual for pairing instructions, as this typically involves scanning a specific configuration barcode).

- On your device, search for Bluetooth devices and select "Symcode Scanner" or similar from the list.
- This mode supports Bluetooth HID, SPP, and BLE protocols and offers a transmission distance of up to 50m (164ft) in barrier-free environments.

## 3. System Compatibility

The scanner is highly compatible with a wide range of operating systems and devices.



Image: The scanner's broad compatibility with various operating systems including iOS, Android, Windows, Mac OS, and Linux, connecting to devices like PCs, POS systems, laptops, tablets, and smartphones.

- **Operating Systems:** Windows XP, Win7, Win8, Win10, Mac OS, Linux
- **Devices:** PC, Laptop, POS systems, Smartphones (Android, iOS), Tablets

## OPERATING INSTRUCTIONS

## 1. Basic Scanning

To scan a barcode, point the scanner's window at the barcode and press the trigger button. A successful scan will typically be indicated by a beep and/or vibration.



Image: The scanner in action, demonstrating its ability to decode various 1D and 2D barcodes, even if they are blurred or incomplete. Examples of scannable codes are shown, including QR Code, Data Matrix, and PDF417.

The scanner can decode a wide range of 1D and 2D symbologies, including:

- **2D:** QR Code, Data Matrix, PDF417, Aztec code, Maxicode
- **1D:** JAN/EAN-13, JAN/EAN-8, UPC-A, UPC-E, Code11, Code32, Code39, Code 39 Full ASCII, Code93, Code128, Codabar (NW-7), Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, PLESSEY, MSI, ITF14, ISBN, ISSN, GS1 Databar, GS1-128 (UCC/EAN128), ISBT-128

Example Barcodes from image:

Data Matrix: 2125551212

QR Code: 20123456789

PDF417: 00614141999996

ITF: 1234567890135

Profiled Barcode: 4603146002134

## 2. Sound and Vibration Control

The scanner allows you to turn off the sound and vibration feedback according to your preference or work environment. Refer to the detailed instructions in the included user manual for the specific configuration barcodes to enable or disable these features.



Image: Options for controlling the scanner's sound and vibration feedback, allowing for quiet operation when needed.

## 3. Data Upload Modes

The scanner supports two primary data upload modes:

- **Instant Upload Mode:** Scanned barcodes are immediately transmitted to the connected device. This is the default mode.
- **Storage Mode (Offline Scanning):** Barcodes are stored in the scanner's internal memory (16MB, capable of storing over 100,000 barcodes) and can be uploaded later when connected. This is useful for inventory tasks where real-time connection is not always available. To switch to storage mode and upload data, refer to the specific

configuration barcodes in the included user manual.

## 4. Customization Options

The scanner offers various customization options to tailor its output to your needs:

- Hide/Add custom prefix/suffix digits.
- Delete characters from scanned data.
- Add keyboard keys (e.g., TAB, CR&LF) to the scanning operation for automated data entry.

Detailed instructions and configuration barcodes for these options are provided in the comprehensive user manual included with your product.

## MAINTENANCE

### Battery Care:

- To prolong battery life, avoid fully discharging the battery frequently.
- Charge the scanner regularly, even if not in constant use.
- Store the scanner in a cool, dry place when not in use for extended periods.

### Cleaning:

- Use a soft, dry, lint-free cloth to clean the scanner's exterior.
- For the scanning window, use a soft cloth slightly dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials.
- Do not immerse the scanner in water or any other liquid.

## TROUBLESHOOTING

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

| Problem | Possible Solution |
|---------|-------------------|
| Scanner does not turn on. | Ensure the battery is charged. Connect the scanner to a power source using the USB cable and allow it to charge for at least 30 minutes before attempting to turn it on again. |
| Scanner does not scan barcodes. | <ul><li>Ensure the scanner is properly connected (USB, 2.4G dongle, or Bluetooth paired).</li><li>Check if the barcode is damaged or poorly printed.</li><li>Verify that the barcode type is supported by the scanner (refer to Specifications).</li><li>Ensure the scanning window is clean and free from obstructions.</li><li>Try scanning a different, known good barcode.</li></ul> |
| Scanned data does not appear on the screen. | <ul><li>Confirm the scanner is in Instant Upload Mode. If in Storage Mode, data needs to be uploaded manually.</li><li>Ensure the cursor is active in a text field on your device.</li><li>Re-establish the connection (unplug/replug USB, re-pair Bluetooth/2.4G).</li></ul> |

| Problem | Possible Solution |
|---|---|
| Bluetooth connection issues. | <ul><li>Ensure Bluetooth is enabled on your host device.</li><li>Delete the scanner from your device's Bluetooth list and re-pair.</li><li>Ensure the scanner is within the effective Bluetooth range (up to 50m/164ft barrier-free).</li></ul> |
| Button stuck or unresponsive. | Gently check for any physical obstruction around the button. If the issue persists, contact customer support. Avoid forcing the button. |

## WARRANTY AND SUPPORT

Your Symcode barcode scanner comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included in your product packaging or contact Symcode customer support. For any technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Symcode customer service.
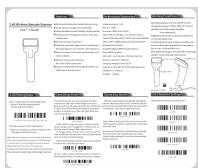
**Symcode Customer Service:** Please refer to the contact information provided in your product's original packaging or visit the official Symcode website for support details.

The seller, Symcode, offers 24/7 pre-sale and after-sales service. If you experience a problem with your Symcode scanner, please contact the seller directly for assistance.

## Related Documents - 2D QR Orange (B0CS6M178X)

| | |
|---|---|
|  | [2.4G Wireless Barcode Scanner User's Guide \| Symcode](#)<br>Comprehensive user's guide for the Symcode 2.4G Wireless Barcode Scanner, detailing features, performance parameters, operating modes, setup options, and specifications. |
| **Bluetooth/2.4G Wireless Barcode Scanner**<br><br>User 's manual<br><br>BROCHURE | [Bluetooth/2.4G Wireless Barcode Scanner User Manual](#)<br>Comprehensive user manual for the Bluetooth/2.4G Wireless Barcode Scanner, covering features, setup procedures, operating modes, troubleshooting, and indicator explanations. |

| | |
|---|---|
| TFT Screen Intellectual Wireless Barcode Scanner<br><br>User's manual<br><br>BROCHURE | **TFT Screen Intellectual Wireless Barcode Scanner User Manual**<br><br>User manual for the TFT Screen Intellectual Wireless Barcode Scanner, detailing its features, applications, and operating instructions. Learn about its triple-mode connectivity, large storage capacity, and ergonomic design. |
| 2D Barcode Scanner User Manual<br><br>BROCHURE | **Symcode MJ-340 2D Barcode Scanner User Manual**<br><br>Comprehensive user manual for the Symcode MJ-340 2D Barcode Scanner, covering setup, performance specifications, communication modes, and configuration options. |
| 1D Barcode Scanner User Manual<br><br>Barcode Scanner Quick Set-up V2.0 | **1D Barcode Scanner User Manual V2.0**<br><br>This user manual provides comprehensive instructions for the 1D Barcode Scanner, version 2.0. It covers setup, installation, scanning modes, configuration options, and technical specifications. Learn how to efficiently use the scanner in various commercial and industrial applications. |
| Note: Please print it on A4 paper before scanning, and then scan 5 setting codes in sequence.<br><br>Continuous Mode<br><br>Trigger Mode | **Symcode Barcode Scanner Configuration: Continuous and Trigger Modes**<br><br>Instructions for configuring Symcode barcode scanners using Continuous and Trigger modes by printing and scanning setting codes. Includes visual examples of barcodes for each mode. |