Symcode MJ-X1

Symcode 2D Bluetooth Barcode Scanner User Manual

Model: MJ-X1

Image: Front and back view of the Symcode 2D Bluetooth Barcode Scanner, highlighting its compact design and display screen.

1. INTRODUCTION

This manual provides comprehensive instructions for the Symcode 2D Bluetooth Barcode Scanner, Model MJ-X1. This portable device is designed for efficient and versatile barcode scanning, supporting both 1D and 2D barcodes. It features multiple connection options, an intelligent display screen, and a convenient clip-on design, making it suitable for various inventory and point-of-sale applications.

2. KEY FEATURES

- **Intelligent LCD Screen:** 1.5-inch display showing scanning time, connection status (Bluetooth, 2.4GHz wireless, USB wired), battery level, barcode data, and total scan count.
- **Versatile Connectivity:** Supports Bluetooth, 2.4G Wireless, and USB Wired connections for broad compatibility with various devices.
- **Advanced 2D Decoding:** Capable of scanning most 1D and 2D barcodes from paper and screens, including damaged or low-contrast codes.
- **Portable Design:** Features a convenient clip-on and magnetic suction design for easy attachment to clothing, belts, or metal surfaces.
- **Long Battery Life:** Built-in 2000mAh battery provides extended standby time (up to 30 days) and 5-7 days of frequent use.
- **Multiple Configuration Options:** Adjustable settings for time stamp, instant/storage upload modes, sound/vibration control, and custom prefix/suffix digits via the screen menu.

- **Three Scanning Modes:** Key Trigger, Auto-sensing, and Continuous Scanning modes for different operational needs.

Image: Demonstrates the scanner's clip-on and magnetic features, showing it attached to a pocket, belt, and a metal shelf, emphasizing its portability and versatile attachment options.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact Symcode customer support.

- 1 x Symcode 2D Bluetooth Barcode Scanner (MJ-X1)
- 1 x USB Cable (1.6m/5.2ft)
- 1 x 2.4GHz Wireless Dongle
- 1 x Sling
- 1 x User Manual

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

4. SETUP

4.1 Initial Charging

Before first use, fully charge the scanner using the provided USB-C cable. Connect the USB-C end to the scanner and the USB-A end to a power adapter or computer USB port. The battery indicator on the screen will show charging status.

4.2 Removing Protective Film

A protective film is applied to the display screen to prevent scratches during shipping. Gently peel off this film from the corner before using the scanner for optimal screen clarity.

Image: Illustrates the process of removing the protective film from the scanner's display screen, showing "before" and "after" views.

4.3 Connection Modes

The Symcode MJ-X1 offers three connection methods: Bluetooth, 2.4G Wireless, and USB Wired. You can switch between these modes directly through the scanner's menu.

1. **Bluetooth Connection:**
   Ideal for connecting to smartphones, tablets, and Bluetooth-enabled computers. Scan the Bluetooth pairing barcode (found in the full user manual) or select Bluetooth mode from the scanner's menu. Then, search for "Symcode Scanner" on your device's Bluetooth settings and pair.
   Range: Approximately 15m/49ft in barrier environments, up to 50m/164ft in barrier-free environments.

2. **2.4G Wireless Connection:**
   Use the provided 2.4GHz wireless dongle for computers without Bluetooth. Plug the dongle into a USB port on your computer. The scanner will automatically connect to the dongle when in 2.4G wireless mode.
   Range: Approximately 30m/98ft in barrier environments, up to 150m/492ft in barrier-free environments.

3. **USB Wired Connection:**
   Connect the scanner directly to your computer using the USB-C cable. This mode provides faster data transfer and simultaneous charging. The scanner will function as a USB-HID keyboard device.
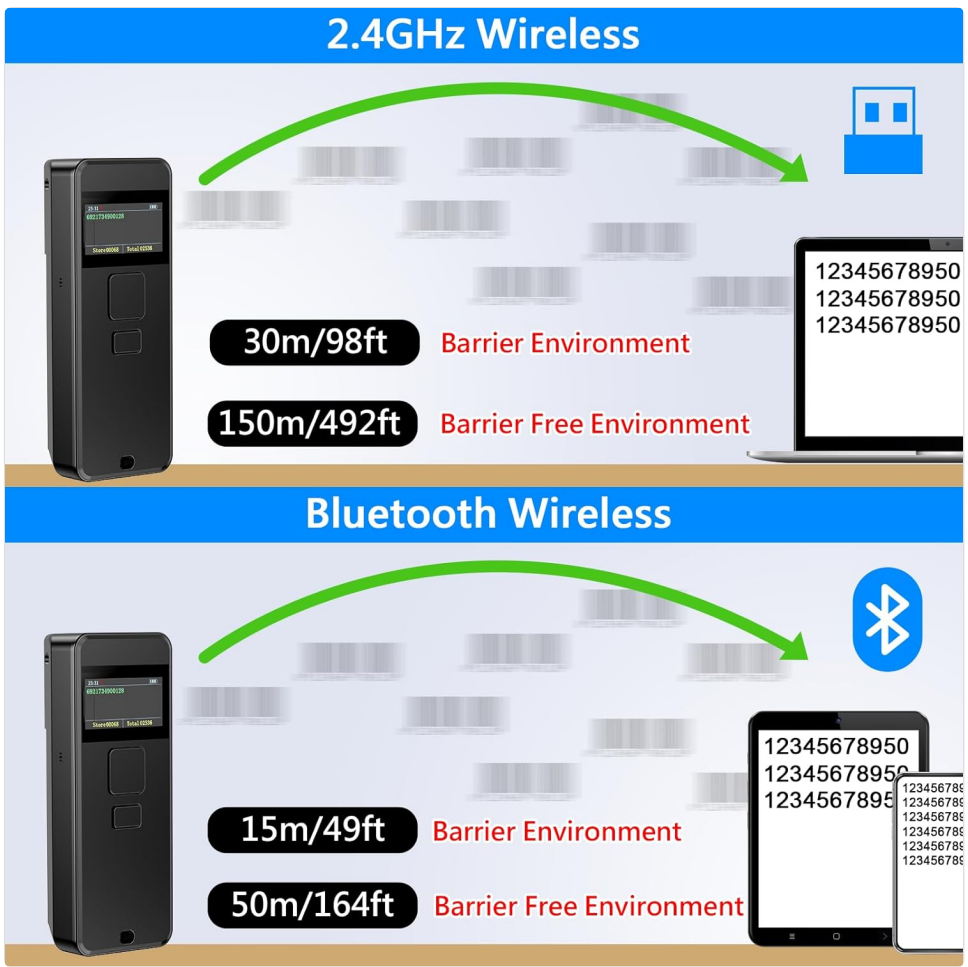

Image: Compares the effective range of 2.4GHz wireless and Bluetooth connections for the scanner in both barrier and barrier-free environments.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button (usually located on the side or front) to turn the scanner on or off. The LCD screen will illuminate upon power-on.

5.2 Scanning Modes

The scanner supports three primary scanning modes, selectable via the device's menu or by scanning specific configuration barcodes from the full manual.

- **Key Trigger Mode:** Press the scan button to activate the scanner and read a barcode.
- **Continuous Scanning Mode:** The scanner continuously emits a scan beam, reading barcodes as they pass through the beam without needing to press the button for each scan.
- **Automatic Sensing Mode:** The scanner activates its beam only when it detects a barcode in its field of view, then reads it automatically.
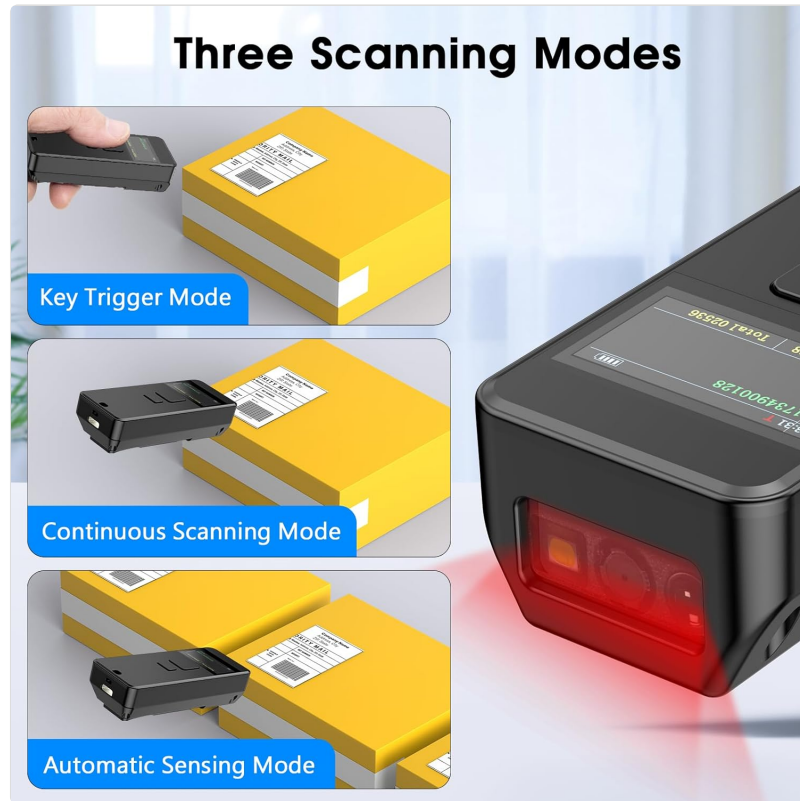

Image: Illustrates the three scanning modes: Key Trigger, Continuous Scanning, and Automatic Sensing, showing how the scanner interacts with barcodes in each mode.

5.3 Display Screen Information

The 1.5-inch LCD screen provides real-time information:

- **Scanning Time:** Displays the current time.
- **Connection Way:** Indicates whether the scanner is connected via Bluetooth, 2.4GHz wireless, or USB wired.
- **Battery Power Level:** Shows the remaining battery charge.
- **Barcodes Data:** Displays the last scanned barcode content.
- **Stored Data Amount:** Shows the quantity of barcodes stored in memory (in storage mode).
- **Total Scanning Amount:** Displays the cumulative number of scans.

Note: To display goods names and prices, specific data upload to the scanner via a dedicated tool may be required. Contact Symcode support for details.

5.4 Data Upload Modes

The scanner supports two data upload modes:

- **Instant Upload Mode:** Barcodes are transmitted immediately to the connected device after scanning.
- **Storage Mode:** Barcodes are stored in the scanner's internal memory and can be uploaded later as a batch.

5.5 Customization and Settings

The scanner allows for various configurations through its screen menu or by scanning specific setup barcodes provided in the comprehensive user manual. These include:

- Turning sound and vibration on/off.

- Adding custom prefix/suffix digits to scanned data.

- Hiding specific characters from scanned data.

- Adding keyboard keys (e.g., TAB, CR&LF) to the scanning output.

- Setting time stamps for scanned data.

Image: Depicts various practical applications of the Symcode barcode scanner, including retail point-of-sale, warehouse inventory management, and pharmacy use.

6. MAINTENANCE

6.1 Cleaning

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials, as they can damage the device.

6.2 Battery Care

The scanner is equipped with a built-in rechargeable Lithium Polymer battery.

- Avoid exposing the battery to extreme temperatures (hot or cold).

- Charge the device regularly, even if not in frequent use, to prolong battery life.

- If the device will not be used for an extended period, charge it to about 50% before storing.

7. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
Scanner does not power on.	Battery is depleted. Charge the scanner fully.
Cannot connect via Bluetooth/2.4G Wireless.	- Ensure the scanner is in the correct connection mode (Bluetooth or 2.4G). - For Bluetooth, ensure your host device's Bluetooth is enabled and the scanner is in pairing mode. - For 2.4G, ensure the dongle is properly inserted and recognized by your computer. - Move closer to the host device to reduce interference.
Scanner does not read barcodes.	- Ensure the scanning window is clean. - Check if the barcode type is supported (MJ-X1 supports 1D and 2D codes). - Adjust the distance and angle of the scanner to the barcode. - Verify the scanning mode is active (e.g., Key Trigger, Continuous). - For damaged or low-contrast codes, try scanning from different angles.
Scanned data is incorrect or incomplete.	- Ensure the scanner is properly paired/connected to the host device. - Check if any prefix/suffix settings are enabled that might alter the output. - Refer to the full user manual for advanced configuration barcodes to reset settings if necessary.
Cannot configure prefix/suffix or other advanced settings.	- These settings are typically configured by scanning specific barcodes found in the comprehensive user manual. Ensure you have the correct manual and are scanning the setup codes accurately. - If the physical manual is lost, contact Symcode support for a digital copy.

For further assistance, please refer to the complete user manual or contact Symcode customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	MJ-X1
Dimensions	5.35 x 4.25 x 2.13 inches
Item Weight	5 ounces
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Wired

Feature	Detail
Power Source	Battery Powered
Battery Type	1 Lithium Polymer battery (included)
Battery Capacity	2000mAh
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Manufacturer	Symcode
Supported Barcodes	1D: ISBN/UPC/EAN, UPC/EAN With Supplementals, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar. 2D: QR, Data Matrix, PDF417.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Symcode products typically come with a standard manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official Symcode website for specific warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your Symcode 2D Bluetooth Barcode Scanner, please contact Symcode customer support.

- **Online Support:** Visit the official Symcode website for FAQs, drivers, and digital manuals.
- **Email Support:** Refer to your product packaging or the official website for the customer service email address.
- **Amazon Seller Support:** You can also contact the seller "Symcode" directly through your Amazon order history for product-specific inquiries.

Related Documents

[Symcode MJ-1902: Intelligent Wireless Barcode Imager with TFT Screen](#)
The Symcode MJ-1902 is a high-performance, intellectual wireless barcode imager featuring a TFT screen for on-device data viewing. It supports both 1D and 2D barcodes, offers versatile connectivity (USB, Bluetooth, 2.4GHz), and is designed for long operation hours, making it ideal for retail, logistics, and event management.

	[2.4G Wireless Barcode Scanner User's Guide | Symcode](#) Comprehensive user's guide for the Symcode 2.4G Wireless Barcode Scanner, detailing features, performance parameters, operating modes, setup options, and specifications.
2D Barcode Scanner User Manual BROCHURE	[Symcode MJ-340 2D Barcode Scanner User Manual](#) Comprehensive user manual for the Symcode MJ-340 2D Barcode Scanner, covering setup, performance specifications, communication modes, and configuration options.
TFT Screen Intellectual Wireless Barcode Scanner User's manual BROCHURE	[TFT Screen Intellectual Wireless Barcode Scanner User Manual](#) 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.