

symcode Laser 1D Bluetooth Scanner

Symcode Bluetooth Wireless Barcode Scanner User Manual

Model: Laser 1D Bluetooth Scanner

Brand: Symcode

INTRODUCTION

This manual provides comprehensive instructions for the Symcode Bluetooth Wireless Barcode Scanner (Model: Laser 1D Bluetooth Scanner). This versatile device offers 3-in-1 operation modes, including 2.4G Wireless, Bluetooth 4.1, and USB 2.0 Wired connectivity, ensuring broad compatibility with various operating systems such as Windows, Mac, Android, and iOS. Designed for portability and efficiency, it features a long transmission distance and large offline storage capacity, making it ideal for diverse scanning needs.



Figure 1: Symcode Bluetooth Wireless Barcode Scanner with USB dongle.

PACKAGE CONTENTS

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

- 1 x Symcode Mini Barcode Scanner
- 1 x USB Charging Cable
- 1 x Quick Start Guide (English Version User Manual)
- 1 x 2.4GHz Wireless USB Dongle
- 1 x Hand Strap
- 1 x Lithium Battery (1000mAh, pre-installed or separate)

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Video 1: Official video demonstrating the unboxing and contents of the Symcode barcode scanner package.

PRODUCT OVERVIEW

Familiarize yourself with the key components of your Symcode barcode scanner:

Product analysis



Figure 3: Detailed product analysis highlighting the scanner's components.

- **Indicator Light:** Displays status such as power, connection, and charging.
- **Scan Window:** The area through which the laser scans barcodes.
- **ON&OFF Button:** Powers the device on or off.
- **Scanning Switch:** Activates the laser for scanning.
- **Battery:** Removable 1000mAh Lithium battery.
- **Hand Strap:** For secure handling and portability.

1. Battery Installation and Charging

If the battery is not pre-installed, follow these steps:

1. Remove the battery cover on the back of the scanner.
2. Insert the 1000mAh Lithium battery, ensuring correct polarity.
3. Replace the battery cover.
4. Connect the scanner to a USB power source using the provided USB charging cable. The indicator light will show charging status. A full charge takes approximately 4-6 hours and provides up to 72 hours of continuous working time or 30 days of standby.



Figure 4: Steps for battery installation and initial setup.

2. Connecting the Scanner

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

2.1. 2.4G Wireless Mode

For wireless connection to a computer:

- Plug the 2.4GHz Wireless USB Dongle into an available USB port on your computer.
- Turn on the barcode scanner. It should automatically pair with the dongle. The indicator light will confirm connection.

Support wired and wireless modes

Wired modes



Wireless modes

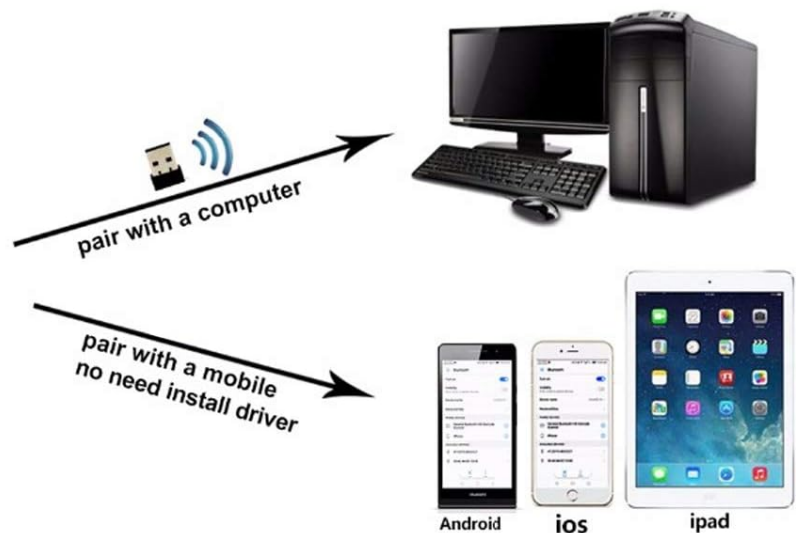


Figure 5: Wired and 2.4G Wireless connection methods.

2.2. Bluetooth Mode

For wireless connection to smartphones, tablets, or Bluetooth-enabled computers:

- Ensure the scanner is powered on.
- Activate Bluetooth on your host device (phone, tablet, computer).
- Search for available Bluetooth devices. The scanner should appear as "Symcode Barcode Scanner" or similar.
- Select the scanner to pair. The indicator light on the scanner will change to confirm successful pairing.
- The scanner supports Bluetooth HID, SPP, and BLE protocols. For most applications, HID (Human Interface Device) mode, which simulates a virtual keyboard, is sufficient.



Figure 6: Bluetooth connectivity with various devices.

2.3. USB Wired Mode

Connect the scanner directly to your computer using the provided USB cable. The cable serves both for charging and data transmission. No driver installation is typically required.

OPERATING INSTRUCTIONS

1. Scanning Barcodes

To scan a barcode:

1. Point the scan window of the scanner at the barcode.
2. Press the scanning switch. A red laser line will appear.
3. Ensure the laser line crosses the entire barcode. A successful scan will be indicated by a beep and/or a change in the indicator light.



Figure 7: Proper technique for scanning 1D barcodes.

Note: This is a 1D barcode scanner. It cannot read 2D barcodes (like QR codes, PDF417) or barcodes from device screens. It may also struggle with barcodes on silver foil paper that reflects light.

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Video 2: Demonstration of the Symcode barcode scanner's scanning capabilities with various 1D barcodes.

2. Offline Storage

The scanner features a built-in 16MB high-capacity memory, capable of storing over 50,000 1D barcodes in offline storage mode. This allows you to collect data without being constantly connected to a host device. Once connected, you can upload the stored data.

Large capacity

Barcode scanner come with 16M storage capacity. Safe and reliable, it can store more than 50000 codes on storage working mode.



16M



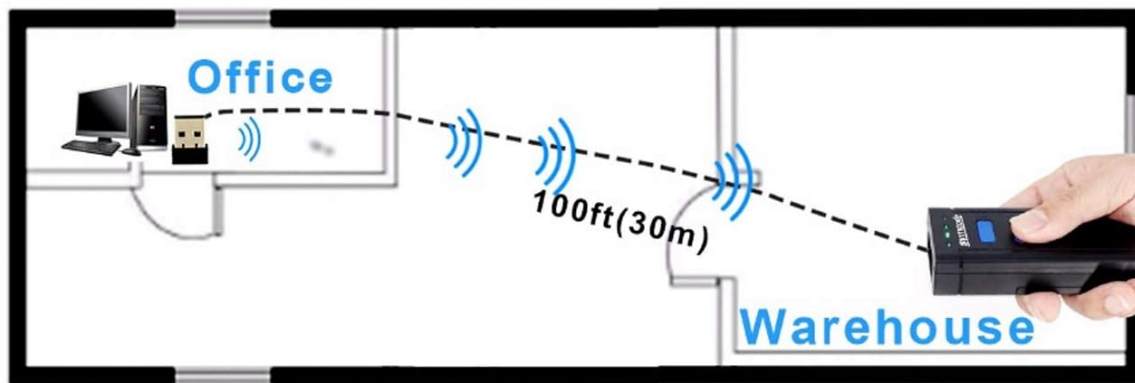
Figure 8: Large capacity storage feature.

CONNECTIVITY AND RANGE

The scanner offers impressive range for both wireless modes:

- **2.4G Wireless Mode:** Delivers up to 200 meters (656 feet) transmission in open air.
- **Bluetooth Mode:** Provides up to 30 meters (98 feet) transmission in open air.

Indoor : 100ft (30m)



Outdoor : 330ft (100m)

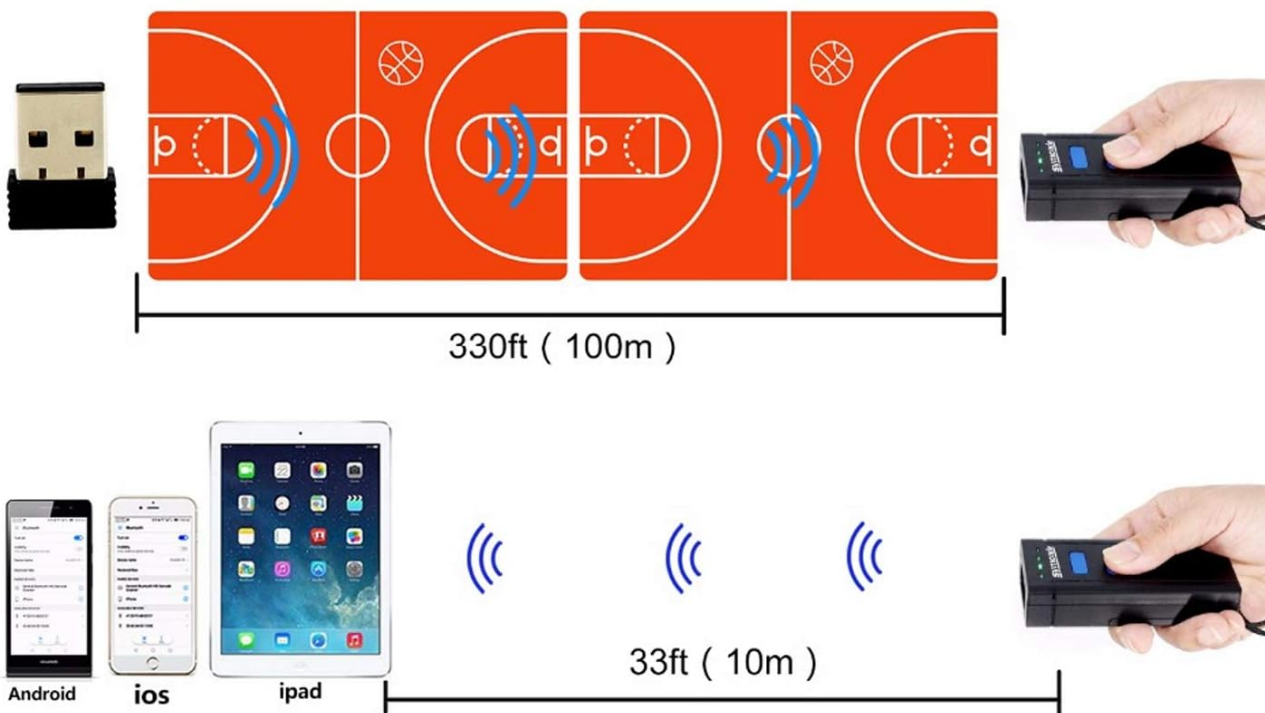


Figure 9: Indoor and outdoor transmission ranges.

MAINTENANCE

To ensure the longevity and optimal performance of your Symcode barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scan window, use a lint-free cloth and a mild glass cleaner if necessary. Avoid abrasive cleaners or solvents.
- **Battery Care:** Store the scanner in a cool, dry place when not in use. If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan. Avoid fully discharging the battery frequently.
- **Storage:** Keep the scanner away from extreme temperatures, direct sunlight, and high humidity.
- **Handling:** While designed to be durable, avoid dropping the scanner or subjecting it to severe impacts.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Scanner not connecting via 2.4G Wireless.	USB dongle not properly inserted or not recognized.	Ensure the USB dongle is fully inserted into a working USB port. Try a different USB port. Restart the scanner and the computer.
Scanner not connecting via Bluetooth.	Bluetooth on host device is off, scanner is not in pairing mode, or already paired with another device.	Ensure Bluetooth is enabled on your device. Put the scanner into pairing mode (refer to Quick Start Guide for specific steps). Forget previous pairings on your device and try reconnecting.
Scanner not reading barcodes.	Barcode type not supported (2D), barcode damaged, or scanner not positioned correctly.	Confirm it's a 1D barcode. Ensure the laser covers the entire barcode. Try scanning from different angles or distances. Clean the scan window.
No data transmitted to host device.	Incorrect connection mode or software issue.	Verify the scanner is in the correct mode (e.g., HID for direct input). Check if the host device's input field is active. Try restarting both devices.
Battery not charging.	Faulty USB cable or power source.	Try a different USB cable or power adapter. Ensure the cable is securely connected to both the scanner and the power source.

SPECIFICATIONS

Feature	Detail
Product Dimensions	3.86 x 1.77 x 0.79 inches
Item Weight	5.5 ounces
Battery Type	1 Lithium Polymer battery (included)
Battery Capacity	1000mAh
Continuous Working Time	Up to 72 hours (after full charge)
Standby Time	Up to 30 days
Charge Time	4-6 hours





Feature	Detail
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Wired
2.4G Wireless Range	Up to 200m (open air)
Bluetooth Range	Up to 30m (open air)
Compatible Devices	Smartphones, Tablets, PCs (Windows XP/7/8/10, Windows Mobile, Android OS, iPhone/iPad)
Offline Storage	16MB (supports 50,000 1D codes)
Scanner Type	Laser 1D Barcode Scanner

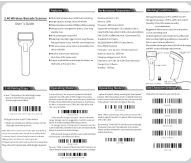








WARRANTY AND SUPPORT

Symcode is committed to providing high-quality products and excellent customer service. For any questions, technical support, or warranty inquiries regarding your barcode scanner, please contact Symcode customer service through the platform where you purchased the product or visit the official Symcode website for contact information.

Please retain your proof of purchase for warranty claims.

Related Documents - Laser 1D Bluetooth Scanner

<div>Bluetooth/2.4G Wireless Barcode Scanner</div> <div>User's manual</div> <div>BROCHURE</div>	<div>Bluetooth/2.4G Wireless Barcode Scanner User Manual</div> <div>Comprehensive user manual for the Bluetooth/2.4G Wireless Barcode Scanner, covering features, setup procedures, operating modes, troubleshooting, and indicator explanations.</div>
<div>2D Barcode Scanner User Manual</div> <div></div> <div>BROCHURE</div> <div>   </div>	<div>Symcode MJ-340 2D Barcode Scanner User Manual</div> <div>Comprehensive user manual for the Symcode MJ-340 2D Barcode Scanner, covering setup, performance specifications, communication modes, and configuration options.</div>

	<p>2.4G Wireless Barcode Scanner User's Guide Symcode</p> <p>Comprehensive user's guide for the Symcode 2.4G Wireless Barcode Scanner, detailing features, performance parameters, operating modes, setup options, and specifications.</p>
<p>2D Desktop Barcode Scanner User Manual</p>  <p>BROCHURE</p>	<p>2D Desktop Barcode Scanner User Manual - Symcode</p> <p>Comprehensive user manual for the Symcode 2D Desktop Barcode Scanner (Model MJ-9120), detailing features, parameters, interfaces, settings, and troubleshooting for efficient barcode scanning.</p>
<p>1D Barcode Scanner User Manual</p> <p>Barcode Scanner Quick Set-up V2.0</p>	<p>1D Barcode Scanner User Manual V2.0</p> <p>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.</p>
<p>Note: Please print it on A4 paper before scanning, and then scan it with the scanner.</p> <p>Quiet-Trigger Mode</p>    <p>Trigger Mode</p>    	<p>Symcode Barcode Scanner Configuration: Continuous and Trigger Modes</p> <p>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.</p>