Symcode B0CS6L52FC

Symcode Mini 1D Laser Bluetooth Barcode Scanner User Manual

Model: B0CS6L52FC

1. INTRODUCTION

This manual provides instructions for the Symcode Mini 1D Laser Bluetooth Barcode Scanner. This device offers versatile 3-in-1 connectivity (Bluetooth, 2.4G Wireless, and USB Wired) and is designed for efficient 1D barcode scanning across various platforms including Android, iOS, Windows, Mac OS, and Linux. Its compact and durable design makes it suitable for portable use.

Image: Symcode Mini 1D Laser Bluetooth Barcode Scanner, showcasing its compact form factor.

Image: The Symcode Mini Barcode Scanner, illustrating its small size (74mm x 39mm x 25.5mm) and portability, shown being carried in a pocket and worn with a lanyard.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

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

Long Transmission Distance

Barrier Environment

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

Barrier Free Environment

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

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

3. SPECIFICATIONS

Item Weight	4.2 ounces (approx. 119g)
Dimensions	5.31 x 4.25 x 2.24 inches (Package)
Battery	650mAh Lithium Polymer (rechargeable)
Charging Time	Approx. 2 hours
Continuous Scanning Time	Up to 5 hours
Standby Time	Up to 30 days (720 hours)
Storage Capacity	16MB (stores over 100,000 barcodes)
Connectivity	Bluetooth, 2.4G Wireless, USB Wired

2.4G Wireless Range (Barrier-free)	Up to 150m (492ft)
2.4G Wireless Range (Obstacles)	Up to 15m (49ft)
Bluetooth Range (Barrier-free)	Up to 50m (164ft)
Bluetooth Range (Obstacles)	Up to 20m (66ft)
Supported OS	Windows XP/7/8/10, Android, iOS, Mac OS, Linux
Decoding Capability	1D Barcodes (EAN-8, EAN-13, UPC-A, UPC-E, Code 39, Code 93, Code 128, Codabar, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, GS1-128, GS1 Databar, etc.)

Image: Details on the 650 mAh rechargeable battery, showing 4 hours charging time, 8 hours scanning time, and 720 hours standby time.

Image: Illustration of the scanner's transmission distances: 2.4GHz Wireless up to 15m/49ft (with obstacles) and 150m/492ft (barrier-free); Bluetooth Wireless up to 20m/66ft (with obstacles) and 50m/164ft (barrier-free).

Image: Depiction of the scanner's anti-shock design, indicating it remains functional after multiple drops from 1.5m (5ft) onto concrete.

4. GETTING STARTED

4.1 Charging the Scanner

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

4.2 Connection Modes

The scanner supports three connection methods:

1. **USB Wired Mode:** Connect the scanner directly to your computer using the provided USB cable. The scanner will function as a wired device, and no drivers are typically required.

2. **2.4G Wireless Mode:** Insert the 2.4G USB dongle into a USB port on your computer. Turn on the scanner. It should automatically pair with the dongle. If not, refer to the specific pairing instructions in the included user manual.

3. **Bluetooth Mode:**
   - Turn on the scanner.
   - Scan the 'Bluetooth Pairing' barcode (usually found in the included user manual) to put the scanner into pairing mode.
   - On your device (smartphone, tablet, computer), go to Bluetooth settings and search for

available devices.

- ○ Select 'Symcode Scanner' or a similar name from the list to connect.
- ○ A successful connection will be indicated by a specific sound or light on the scanner.

Image: Visual representation of the three connection modes: Wired (USB cable), 2.4G Wireless (USB dongle), and Bluetooth Wireless (direct Bluetooth connection to a device).

4.3 System Compatibility

The scanner is compatible with a wide range of operating systems, ensuring broad usability across different devices.

- Windows XP, Win7, Win8, Win10
- Android devices
- iOS devices
- Mac OS
- Linux

Image: Icons representing supported operating systems: iOS, Android, Windows, Mac OS, and Linux, demonstrating the scanner's broad compatibility with various devices like smartphones, tablets, and laptops.

5. OPERATION

5.1 Basic Scanning

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

5.2 Switching Operating Modes

The scanner supports two operating modes:

- **Normal Mode (Instant Upload):** Scanned barcodes are immediately transmitted to the connected device.
- **Storage Mode (Offline Scanning):** Scanned barcodes are stored in the scanner's internal memory (16MB, over 100,000 codes) and can be uploaded later when connected. To switch between modes, scan the corresponding configuration barcodes provided in the full user manual.

5.3 Adjusting Settings

The scanner offers several customizable settings by scanning specific configuration barcodes (refer to the detailed user manual for these barcodes):

- **Sound and Vibration:** Turn the beep sound and/or vibration feedback on or off.
- **Prefix/Suffix:** Add custom prefix or suffix digits to scanned data.
- **Delete Character:** Remove specific characters from scanned data.
- **Keyboard Keys:** Add keyboard keys like TAB or CR&LF (Carriage Return & Line Feed) after each scan.

5.4 Supported Barcode Types

The scanner is designed to decode a variety of 1D barcode symbologies, including those found on labels

and mobile phone displays.

- EAN-8, EAN-13, EAN-13 add-ons
- UPC-A, UPC-E, UPC-E add-ons
- Code 32, Code 39, Code 93, Code 128
- Codabar
- Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5
- GS1-128, GS1 Databar (RSS), GS1 Databar Limited, GS1 Databar Expanded
- ISSN, ISBN

Image: Examples of 1D digital and printed barcodes supported by the scanner, including EAN, UPC, Code 39, Code 128, and various GS1 Databar types. Also shows examples of ISSN, One-Dimension Code, Color Barcode, Folded Barcode, Frauded Barcode, and Profiled Barcode.

6. MAINTENANCE

6.1 Cleaning

To clean the scanner, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the device.

6.2 Battery Care

The scanner is equipped with a rechargeable Lithium Polymer battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the scanner in a cool, dry place when not in use for extended periods.
- Charge the scanner regularly, even if not in constant use, to maintain battery health.

7. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
Scanner does not turn on	Battery is depleted. Charge the scanner for at least 2 hours.
Scanner does not connect via Bluetooth/2.4G	Ensure the scanner is in the correct pairing mode. Check if the dongle is properly inserted for 2.4G. On your device, forget the scanner and attempt to re-pair. Ensure the scanner is within range.
Scanner does not read barcodes	Ensure the barcode is not damaged or smudged. Adjust scanning distance. Check if the barcode type is supported. Ensure the scanner is not in 'Storage Mode' if instant upload is desired.
Scanned data is incorrect or incomplete	Check scanner settings for prefix/suffix or character deletion configurations. Ensure the scanner is properly connected to the host device.

Scanner disconnects frequently	Ensure the scanner is within the effective transmission range. Check for interference from other wireless devices. Ensure the scanner's battery is sufficiently charged.

For more detailed troubleshooting, refer to the comprehensive user manual included with your product or contact customer support.

8. SAFETY INFORMATION

- Do not expose the scanner to extreme temperatures, moisture, or direct sunlight.
- Avoid dropping or subjecting the scanner to severe impacts, despite its anti-shock design.
- Do not attempt to disassemble or modify the scanner. This will void the warranty and may cause damage.
- Keep the scanner away from children.
- Dispose of the battery and scanner according to local regulations. Do not dispose of in general waste.

9. WARRANTY AND SUPPORT

Symcode provides pre-sale and after-sales service for its products. If you experience any issues with your Symcode scanner, please contact the seller or Symcode customer support directly for assistance. Refer to the contact information provided in your product packaging or on the official Symcode website.