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## symcode B08CK8PGMF

# Symcode USB Wireless Barcode Scanner User Manual

Model: B08CK8PGMF

## INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Symcode USB Wireless Barcode Scanner. This versatile 2-in-1 scanner supports both 2.4Ghz wireless and USB 2.0 wired connections, offering flexibility for various scanning environments. It is designed for efficient 1D barcode reading with a fast and accurate scanning speed.

## PACKAGE CONTENTS

- 1 x 2.4G Wireless Laser Scanner
- 1 x USB Charging Cable
- 1 x 2.4G USB Receiver
- 1 x Scanner Stand
- 1 x User Manual (this document)

## SETUP

The Symcode barcode scanner offers flexible connectivity options for various devices.

### Connecting the Scanner

The scanner supports two primary connection methods: 2.4G Wireless and USB 2.0 Wired.

# ARM32Bit Cortex CPU + Japan-manufactured Scanner Head. 500 sans/sec Super Decoding Ability



One-dimensional code



Unable to recognize QR+2D



Figure 1: 2-in-1 Connectivity Options (USB Wired and 2.4G Wireless).

The scanner can be connected via a USB cable for a wired connection or wirelessly using the included 2.4G USB receiver. The USB receiver is conveniently located at the bottom of the scanner's handle.

## 2.4G Wireless Connection:

- Locate the mini USB receiver at the bottom of the scanner's handle.
- Plug the 2.4G USB receiver into an available USB port on your computer (PC or Laptop).
- The scanner will automatically pair with the receiver. No additional software or drivers are required.
- The wireless transmission distance can extend up to 328 feet (100 meters) in a barrier-free environment.

## USB 2.0 Wired Connection:

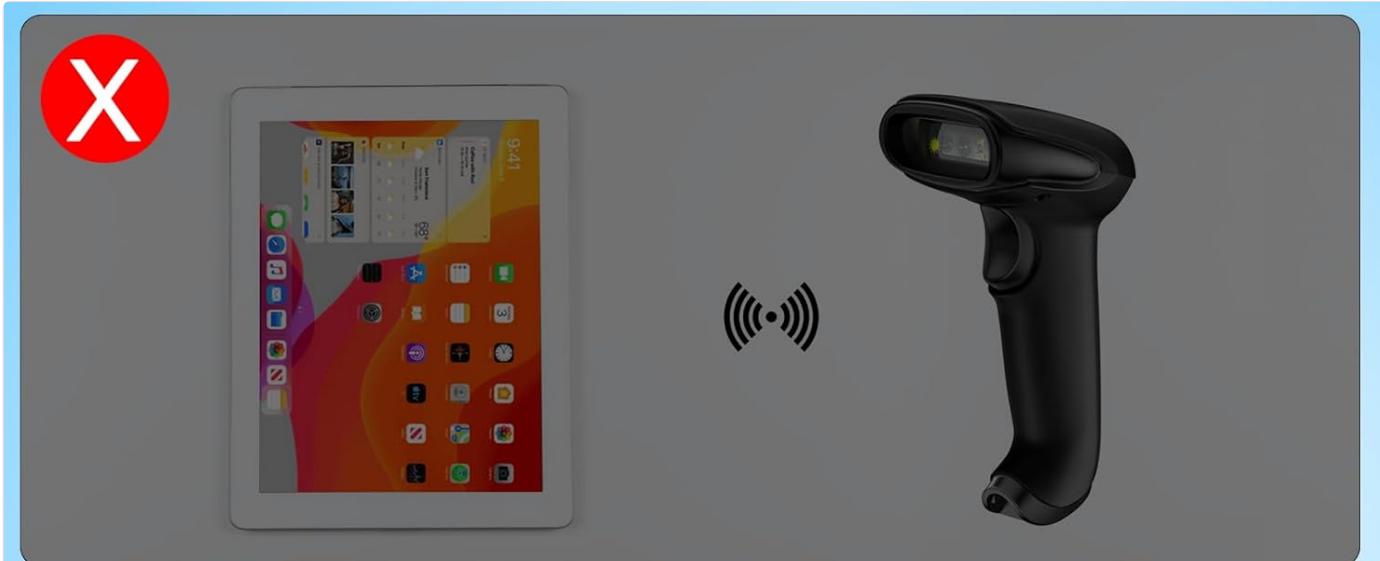
- Connect the scanner directly to your computer using the provided USB charging cable.
- The scanner will function as a wired device, and no drivers are needed.

## Compatibility

The scanner is compatible with a wide range of operating systems:

- Windows XP / Vista / 7 / 8 / 8.1 / 10
- WinCE / Mobile
- Android devices

**Note:** For Android devices without a standard USB interface (e.g., Samsung Galaxy i9300 S3, S4, S5, Nexus 4, Nexus 5, Nexus 6, Nexus 10), an extra OTG adapter is required to connect the 2.4G USB receiver.



**Barcode scanner without bluetooth function,  
Requires an adapter cable for connection to a 2.4G receiver**



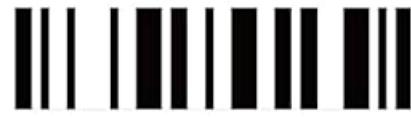
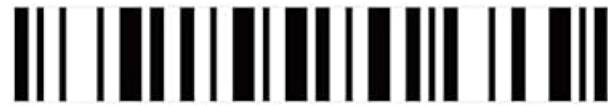
*Figure 2: Connecting to devices requiring an adapter.*

This image illustrates the necessity of an adapter cable for devices like iPads to connect to the 2.4G receiver, as the scanner does not have built-in Bluetooth functionality.

**Note:** Please print it on A4 paper before scanning,  
and then scan 5 setting codes in sequence.

## Continuous Mode





Trigger Mode



*Figure 3: Scanner in a typical desktop setup.*

The scanner is designed for seamless integration with laptops and PCs, functioning as a plug-and-play input device.

## OPERATING MODES

The scanner supports multiple operating modes to suit different workflow needs.

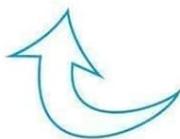
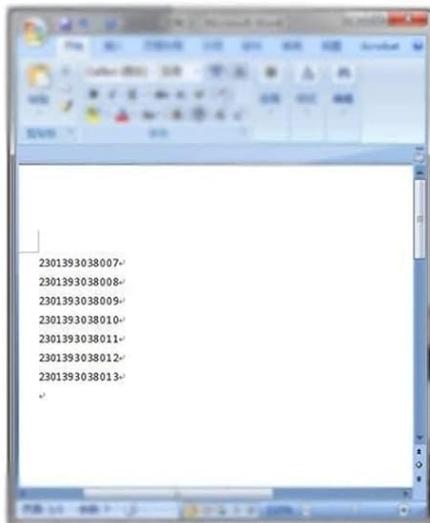
### Instant Upload Mode:

In this mode, scanned barcodes are immediately transmitted to your connected device. This is ideal for real-time data entry.

### Storage Mode (Offline Mode):

When operating outside the wireless transmission range, the scanner can store up to 100,000 barcodes internally. Once you return within range, the stored data can be uploaded to your device.

## Two Upload Modes



### 1. Instant Upload Mode

Synchronously upload barcode to your computer



### 2. Storage Mode

Store the barcode in scanner,  
upload barcode when you need it  
Supports up to 3000 barcodes

Figure 4: Instant Upload Mode vs. Storage Mode.

This image visually explains the two primary data upload methods: immediate transmission or storing data for later upload.

### Continuous Scan Mode:

To enable continuous scanning without pressing the trigger for each scan, you can set the scanner to continuous scan mode. When in this mode, the laser will remain active. The included stand facilitates hands-free operation in this mode.

To activate or deactivate continuous scan mode, you will need to scan specific setting barcodes. These barcodes are typically provided in the full user manual or can be obtained from Symcode support. An example of such setting codes is shown below:



Figure 5: Setting Barcodes for Scan Modes.

This image displays example barcodes used to switch between Continuous Scan Mode and Trigger Mode. Please print these codes on A4 paper before scanning them in sequence to configure your scanner.

## SPECIFICATIONS

Below are the detailed technical specifications for the Symcode Barcode Scanner:

Feature	Detail
Supported Codes	Codabar, Code 11, Code 93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, Industrial 25, Interleaved 25, Standard 25, 2/5 Matrix
Scanning Capability	1D Barcodes only. <i>Cannot recognize QR or 2D barcodes.</i>

Feature	Detail
Keyboard Language Support	English / French / German / Spanish / Italian
Compatible Operating Systems	Windows XP / Vista / 7 / 8 / 8.1 / 10 / Wince / Mobile / Android devices
Wireless Communication	2.4G wireless transmission
Scanning Angles	Fanning: 30°; Horizontal: 75°; Vertical: 65°
Scanning Depth of Field	0~350mm (0.43mm, PCS 98%)
Nominal Working Distance	6~30cm
Scan Width	30mm
Scan Mode	Auto off mode / Manual mode (Trigger Mode) / Continuous Scan Mode
Light Source (Laser)	Visible lasing diode; Wave length: 650nm
Scanning Mode	Bi-directional single line scanning
Battery	1800mAh lithium battery (Integrated, rechargeable)
Battery Life	Standby: More than half a year (fully charged); Continuous scanning: More than one week
Robust Design	Designed to survive free fall height of 1.50 m (6.56 feet); IP54 sturdy rating (dust and moisture protection)
Product Dimensions	4 x 2 x 2 inches
Item Weight	1.01 pounds
Date First Available	July 14, 2020
Manufacturer	symcode

# 2 in 1

## USB Wired + 2.4G USB Wireless Connection



**Plug & Play No driver/software needed**



PC



Laptops



iPad



Phone

Figure 6: 1D Barcode Scanning Capability.

This image highlights that the scanner is designed for 1D barcodes and does not support QR or other 2D barcode formats.

## MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your scanner.

### Battery Charging:

The scanner features a built-in 1800mAh lithium-ion rechargeable battery. It can be charged using any USB 2.0 port via the provided USB charging cable. A full charge provides over a week of continuous scanning or more than half a year of standby time.

### Durability and Protection:

The scanner is equipped with an anti-shock silicone protective cover, designed to absorb impacts and prevent scratches and friction. This robust design allows the scanner to withstand falls from heights of up to 6.56 feet (1.50 meters). It also carries an IP54 rating, providing protection against dust and moisture.



2000mAh rechargeable battery works for up to 12,000 hours or 74000 times after 3 to 4 hours after 3 to 4 hours of charging.



### Anti-Shock Silicone(IP54)

Orange silicone protective cover can prevent scratches to glass window. Its cushioning effect helps protect the unit from falls of up to 6.56ft.

Figure 7: Battery and Anti-Shock Features.

This image illustrates the scanner's durable construction with anti-shock silicone and its long-lasting rechargeable battery.

## TROUBLESHOOTING

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

- **Scanner Not Connecting:**

- Ensure the 2.4G USB receiver is securely plugged into a working USB port.
- Verify the scanner is charged.
- If using an Android device, confirm you have the necessary OTG adapter if your device lacks a standard USB interface.
- Try connecting the scanner via the USB wired connection to rule out wireless issues.

- **Scanner Not Reading Barcodes:**

- Ensure the barcode is a 1D barcode. This scanner does not support QR or other 2D barcodes.
- Check that the barcode is clean, undamaged, and well-lit.

- Adjust the distance and angle of the scanner to the barcode.
- Confirm the scanner is in the correct operating mode (e.g., not in storage mode if you expect instant upload).

- **Continuous Scan Mode Issues:**

- To enable or disable continuous scan mode, you must scan specific setting barcodes. These are typically found in the comprehensive user manual or can be requested from Symcode customer support.
- Some users have reported discrepancies regarding the continuous scan feature. If you experience persistent issues, please contact Symcode support for the most up-to-date instructions or specific setting codes.

- **Inability to Scan Certain Barcodes (e.g., 17-digit book barcodes):**

- While the scanner supports common 1D formats, some specific barcode variations (e.g., certain 17-digit ISBNs on paperbacks) may require specific configuration or firmware updates. Contact Symcode support if you encounter consistent issues with particular barcode types.

- **Compatibility with POS Systems (Square, Shopify, Clover):**

- This barcode scanner is generally not compatible with Square, Shopify, or Clover POS systems for direct integration. It functions as a keyboard wedge, meaning it inputs scanned data as if typed by a keyboard. Compatibility depends on whether the POS software can accept keyboard input for barcode scanning.

## Barcode scanner cannot share Square, Shopify, CLOVER



Figure 8: POS System Compatibility.

This image clarifies that the scanner does not directly integrate with Square, Shopify, or Clover point-of-sale systems.

### WARRANTY AND SUPPORT

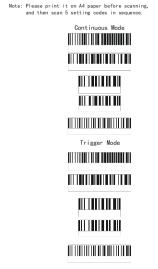
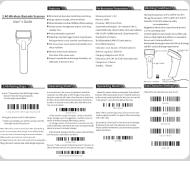
For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Symcode is committed to providing quality products and customer service.

If you require further assistance, have questions about specific settings, or encounter issues not covered in this manual, please contact Symcode customer support. You can often find support contact details on the official Symcode website or through your purchase platform.

You can also visit the official Symcode store for more information and resources: [Symcode Amazon Store](#).

A more detailed User Guide (PDF) may also be available for download: [Download User Guide \(PDF\)](#).

## Related Documents - B08CK8PGMF

 <p>Note: Please print it on A4 paper before scanning, and then scan the entire note in sequence.</p> <p>Continuous Mode</p> <p>Trigger Mode</p>	<p><a href="#">Symcode Barcode Scanner Configuration: Continuous and Trigger Modes</a></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>
	<p><a href="#">2.4G Wireless Barcode Scanner User's Guide   Symcode</a></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>Bluetooth/2.4G Wireless Barcode Scanner</p> <p>User's manual</p> <p><b>BROCHURE</b></p>	<p><a href="#">Bluetooth/2.4G Wireless Barcode Scanner User Manual</a></p> <p>Comprehensive user manual for the Bluetooth/2.4G Wireless Barcode Scanner, covering features, setup procedures, operating modes, troubleshooting, and indicator explanations.</p>
<p>2D Barcode Scanner User Manual</p> <p><b>BROCHURE</b></p>	<p><a href="#">Symcode MJ-340 2D Barcode Scanner User Manual</a></p> <p>Comprehensive user manual for the Symcode MJ-340 2D Barcode Scanner, covering setup, performance specifications, communication modes, and configuration options.</p>
<p>1D Barcode Scanner User Manual</p> <p><b>Barcode Scanner Quick Set-up V2.0</b></p>	<p><a href="#">1D Barcode Scanner User Manual V2.0</a></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>

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.

Documents - symcode – B08CK8PGMF

Note: Please print it on A4 paper before scanning, and then scan 5 setting codes in sequence.

Continuous Mode



Trigger Mode



### [Symcode Barcode Scanner Configuration: Continuous and Trigger Modes](#)

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.

lang: score:26 filesize: 850.33 K page\_count: 1 document date: 2021-09-16