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› [Symcode Handheld Barcode Scanner USB Wired 2D 1D QR Code User Manual](#)

## symcode B0CMD8H1NL

# Symcode Handheld Barcode Scanner User Manual

Model: B0CMD8H1NL

## 1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Symcode Handheld Barcode Scanner. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The Symcode Handheld Barcode Scanner is a versatile and robust device designed for efficient 1D and 2D barcode scanning. Its plug-and-play functionality, broad compatibility, and durable design make it suitable for various applications, including retail, warehousing, and office environments.

## 2. PRODUCT OVERVIEW

The Symcode Handheld Barcode Scanner features a comfortable ergonomic design and is built to withstand daily use. It supports multiple scanning modes and advanced customization options to meet diverse operational needs.



Image: The Symcode Handheld Barcode Scanner in blue, highlighting its ergonomic grip and the scanning window with laser light

indicators.

## Key Features:

- **Plug and Play:** No driver or software installation required.
- **Multiple Scanning Modes:** Key trigger, auto-induction, and continuous modes.
- **Wide Compatibility:** Works with Windows XP/7/8/10, Mac, Linux, and common software like Word and Excel.
- **Durable Design:** High-quality ABS construction designed to withstand drops from 5ft/1.5m.
- **Advanced Customization:** Options to add/hide prefixes/suffixes, hide characters, add keyboard keys (TAB, CR), and change case.
- **Broad Decode Capability:** Supports 1D (EAN, UPC, Code 39, Code 128, etc.) and 2D (QR, DataMatrix, PDF417) barcodes, including damaged or reflective ones.

## 3. SETUP GUIDE

Setting up your Symcode Handheld Barcode Scanner is a straightforward process due to its plug-and-play design.

### 3.1 Package Contents

Before proceeding, please ensure all items are present in the package:

- Symcode Handheld Barcode Scanner
- USB Cable
- User Manual (this document)

### 3.2 Connecting the Scanner

1. Locate the USB cable provided with your scanner.
2. Connect the smaller end of the USB cable to the port at the base of the barcode scanner.
3. Connect the standard USB-A end of the cable to an available USB port on your computer (desktop, laptop, or POS system).
4. The scanner will typically be recognized automatically by your operating system (Windows, Mac, Linux) within a few seconds. No additional drivers are required.
5. Once connected, the scanner is ready for use with applications such as Word, Excel, or any other software that accepts keyboard input.

## 4. OPERATING INSTRUCTIONS

The Symcode Handheld Barcode Scanner offers flexible operation modes to suit various scanning needs.

### 4.1 Basic Scanning Operation

1. Ensure the scanner is properly connected to your computer.
2. Open the application where you wish the scanned data to appear (e.g., a text editor, spreadsheet, or POS software).
3. Point the scanning window of the device at the barcode you wish to scan.
4. Press the trigger button to activate the scanning beam. A successful scan will typically be indicated by an audible beep and/or a visual confirmation light.
5. The scanned barcode data will appear at the cursor's position in your open application.

## 4.2 Scanning Modes

The scanner supports three primary operating modes:

- **Key Trigger Mode:** The scanning beam is activated only when the trigger button is pressed. This is the default mode.
- **Auto-Induction Mode:** The scanner automatically detects a barcode within its field of view and activates the scanning beam without requiring a trigger press.
- **Continuous Mode:** The scanning beam remains constantly active, allowing for rapid, continuous scanning without repeatedly pressing the trigger.

Refer to the included quick setup guide or manufacturer's website for specific barcodes to switch between these modes.

## 4.3 Custom Settings

The scanner allows for various custom settings to optimize data output. These settings are typically configured by scanning specific programming barcodes found in the full user manual or quick setup guide provided by Symcode. Common customization options include:

- Adding or hiding prefixes/suffixes to scanned data.
- Hiding characters from the front or back of the scanned data.
- Adding keyboard keys (e.g., TAB, Carriage Return/Enter) after each scan for automatic cursor movement.
- Changing the case of scanned characters (e.g., all uppercase or all lowercase).

## 4.4 Decode Capability

The scanner is capable of decoding a wide range of 1D and 2D barcode symbologies:

- **1D Barcodes:** EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 Databar, Code 11, Industrial 25, Matrix 2 of 5, etc.
- **2D Barcodes:** QR Code, DataMatrix, PDF417, and others.

It is designed to decode even damaged, blurring, incomplete, fuzzy, or reflective barcodes with ease.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your barcode scanner.

### 5.1 Cleaning

- Regularly clean the scanning window with a soft, lint-free cloth.
- For stubborn smudges, lightly dampen the cloth with water or a mild, non-abrasive cleaning solution. Avoid harsh chemicals or abrasive materials.
- Ensure no liquid enters the scanner's housing.
- Clean the exterior casing with a dry or slightly damp cloth as needed.

### 5.2 Storage

- Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid storing in environments with excessive dust or humidity.

- When not in use, it is recommended to place the scanner in a secure location where it cannot fall or be damaged.

### 5.3 Durability

The scanner is designed with a sturdy ABS material to withstand repeated drops from up to 5ft (1.5m) onto concrete. While robust, avoid intentional drops or excessive force to prevent internal damage.

## 6. TROUBLESHOOTING

If you encounter issues with your Symcode Handheld Barcode Scanner, refer to the following common problems and solutions.

### 6.1 Scanner Not Responding

- **Check USB Connection:** Ensure the USB cable is securely plugged into both the scanner and the computer. Try a different USB port.
- **Restart Computer:** Sometimes a simple system restart can resolve connectivity issues.
- **Test on Another Computer:** If possible, test the scanner on a different computer to determine if the issue is with the scanner or the original computer's setup.

### 6.2 Unable to Scan Barcodes

- **Check Scanning Mode:** Ensure the scanner is in the correct operating mode (Key Trigger, Auto-Induction, or Continuous) for your application.
- **Barcode Quality:** Verify the barcode is not severely damaged, smudged, or poorly printed. Try scanning a known good barcode.
- **Distance and Angle:** Adjust the distance and angle between the scanner and the barcode. Ensure the entire barcode is within the scanning beam.
- **Lighting Conditions:** Excessive glare or insufficient lighting can affect scanning performance. Adjust ambient lighting if necessary.
- **Symbology Enabled:** Confirm that the specific barcode symbology (e.g., QR, Code 128) is enabled in the scanner's settings. Refer to the full programming manual for enabling/disabling symbologies.

### 6.3 Scanned Data Incorrect or Incomplete

- **Custom Settings:** Review any custom settings (prefixes, suffixes, character hiding) that might be altering the output. Reset to factory defaults if unsure.
- **Keyboard Layout:** Ensure your computer's keyboard layout matches the scanner's expected output (e.g., US English).
- **Software Compatibility:** Verify that the application you are using is compatible with standard keyboard input from a barcode scanner.

## 7. SPECIFICATIONS

Detailed technical specifications for the Symcode Handheld Barcode Scanner (Model B0CMD8H1NL).

Feature	Specification
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Feature	Specification
Model	B0CMD8H1NL
Product Dimensions	2 x 2.7 x 5.5 inches (5.08 x 6.86 x 13.97 cm)
Item Weight	3.53 ounces (100 grams)
Connectivity Technology	USB Cable (Wired)
Power Source	USB Powered
Compatible Devices	Desktop, Laptop, POS Systems
Operating System Compatibility	Windows XP/7/8/10, Mac, Linux
Decode Capability (1D)	EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 Databar, Code 11, Industrial 25, Matrix 2 of 5, etc.
Decode Capability (2D)	QR, DataMatrix, PDF417
Drop Resistance	Withstands drops from 5ft/1.5m
Manufacturer	Symcode
Date First Available	November 2, 2023

## 8. WARRANTY AND SUPPORT

Symcode is committed to providing high-quality products and customer satisfaction.

### 8.1 Warranty Information

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Symcode website. Typically, products are covered against manufacturing defects for a specified period from the date of purchase.




### 8.2 Customer Support

If you require technical assistance, have questions about product functionality, or need to report an issue, please contact Symcode customer support through the following channels:

- **Online Support:** Visit the Symcode official website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to your product packaging or the official website for the customer support email address.
- **Retailer Support:** For purchase-related issues, you may also contact the retailer from whom you purchased the scanner.

When contacting support, please have your product model (B0CMD8H1NL) and purchase information readily available.

Related Documents - B0CMD8H1NL

<div>1D Barcode Scanner User Manual</div> <div>Barcode Scanner Quick Set-up V2.0</div>	<div><a href="#">1D Barcode Scanner User Manual V2.0</a></div> <div>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.</div>
<div></div>	<div><a href="#">2.4G Wireless Barcode Scanner User's Guide   Symcode</a></div> <div>Comprehensive user's guide for the Symcode 2.4G Wireless Barcode Scanner, detailing features, performance parameters, operating modes, setup options, and specifications.</div>
<div>TFT Screen Intellectual Wireless Barcode Scanner</div> <div>User's manual</div> <div></div> <div>BROCHURE</div>	<div><a href="#">TFT Screen Intellectual Wireless Barcode Scanner User Manual</a></div> <div>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.</div>
<div>Bluetooth/2.4G Wireless Barcode Scanner</div> <div>User's manual</div> <div>BROCHURE</div>	<div><a href="#">Bluetooth/2.4G Wireless Barcode Scanner User Manual</a></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>BROCHURE</div> <div></div>	<div><a href="#">Symcode MJ-340 2D Barcode Scanner User Manual</a></div> <div>Comprehensive user manual for the Symcode MJ-340 2D Barcode Scanner, covering setup, performance specifications, communication modes, and configuration options.</div>

[1D Barcode Scanner Setting Manual](#)

This manual provides comprehensive instructions for setting up and operating the 1D Barcode Scanner. Learn about system settings, communication configurations, reading modes, data editing, barcode parameter settings, and serial communication instructions.