

symcode 6543841919

Symcode USB Laser Barcode Scanner User Manual

Model: 6543841919 | Brand: symcode

1. INTRODUCTION

This manual provides detailed instructions for the Symcode USB Laser Barcode Scanner. This handheld wired barcode scanner is designed for efficient and accurate data capture in various environments, including businesses, shops, and warehouses. It offers plug-and-play functionality and broad compatibility with multiple operating systems.

2. PACKAGE CONTENTS

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

- 1 x Laser Barcode Scanner
- 1 x USB Cable (1.5m/5ft)
- 1 x User Manual

2D & 1D Super Decoding Ability

Even blurring, incomplete 2D & 1D codes can be decoded.



Data Matrix



QR Code



Folded Barcode



Frauded Barcode



Profiled Barcode



PDF417



ITF



Color Barcode



Figure 2.1: Contents of the product package, including the barcode scanner, USB cable, and user manual.

3. SETUP AND INSTALLATION

3.1 USB Connection

The Symcode Barcode Scanner is a plug-and-play device, requiring no driver installation. Simply connect the scanner to your computer via the provided USB cable.

- Connect the USB cable to the scanner's port.
- Plug the other end of the USB cable into an available USB port on your computer (Laptop, Desktop).
- The scanner will be automatically recognized by your operating system (Windows, Mac, Linux, Android, iOS).



Linux



Windows



iOS



Android



USB Connection

Figure 3.1: The barcode scanner connected to a laptop via its USB cable, demonstrating compatibility with various operating systems.

1 Barcode scanner **2** USB Cable(1.5m/5ft) **3** User Manual



Figure 3.2: The USB cable serves as both a charging cable and a data transmission cable, highlighting its plug-and-play design.

4. OPERATING INSTRUCTIONS

4.1 Scanning Barcodes

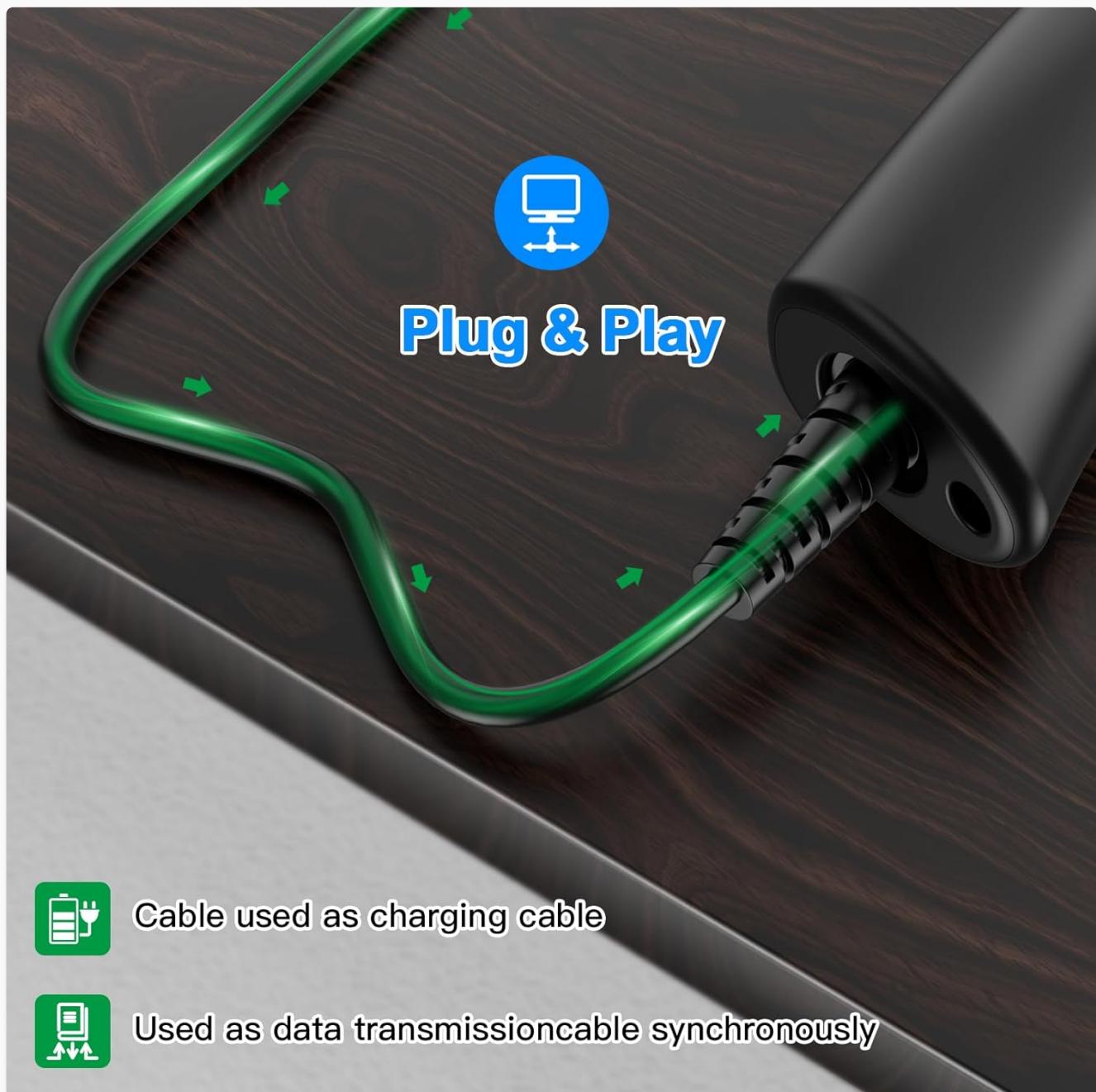
To scan a barcode, aim the laser beam at the center of the barcode and press the trigger button. A successful scan will typically be indicated by a beep and/or a light indicator.

The scanner supports a wide range of 1D barcode types, including but not limited to:

- UPC/EAN
- UCC/EAN 128
- Code 39/93/128
- Codabar
- Interleaved 2 of 5
- Discrete 2 of 5
- MSI

- Code 11
- RSS variants
- Chinese 2 of 5

It features new 32-bit digit laser decoding technology for faster scanning speed and can decode even blurring or incomplete 1D codes.



Cable used as charging cable



Used as data transmission cable synchronously

Figure 4.1: The scanner's super decoding ability for various 1D and 2D barcode types, even if blurred or incomplete.

4.2 Sound and Vibration Settings

The scanner provides options to customize sound and vibration feedback according to your preferences. Refer to the included user manual for specific barcode configurations to enable or disable these features.

Turn on/off Sound & Vibration

Sound and vibration can be turned off according your needs



Turn on the Sound



Turn off the Sound



Turn on the Vibration



Turn off the Vibration



Figure 4.2: Options for enabling or disabling sound and vibration feedback on the scanner.

5. PRODUCT DESIGN AND ERGONOMICS

The Symcode barcode scanner features a small, exquisite, and streamlined design, making it comfortable to hold and easy to use for extended periods. Its lightweight construction contributes to a better user experience compared to bulkier alternatives.

Light design is more practical

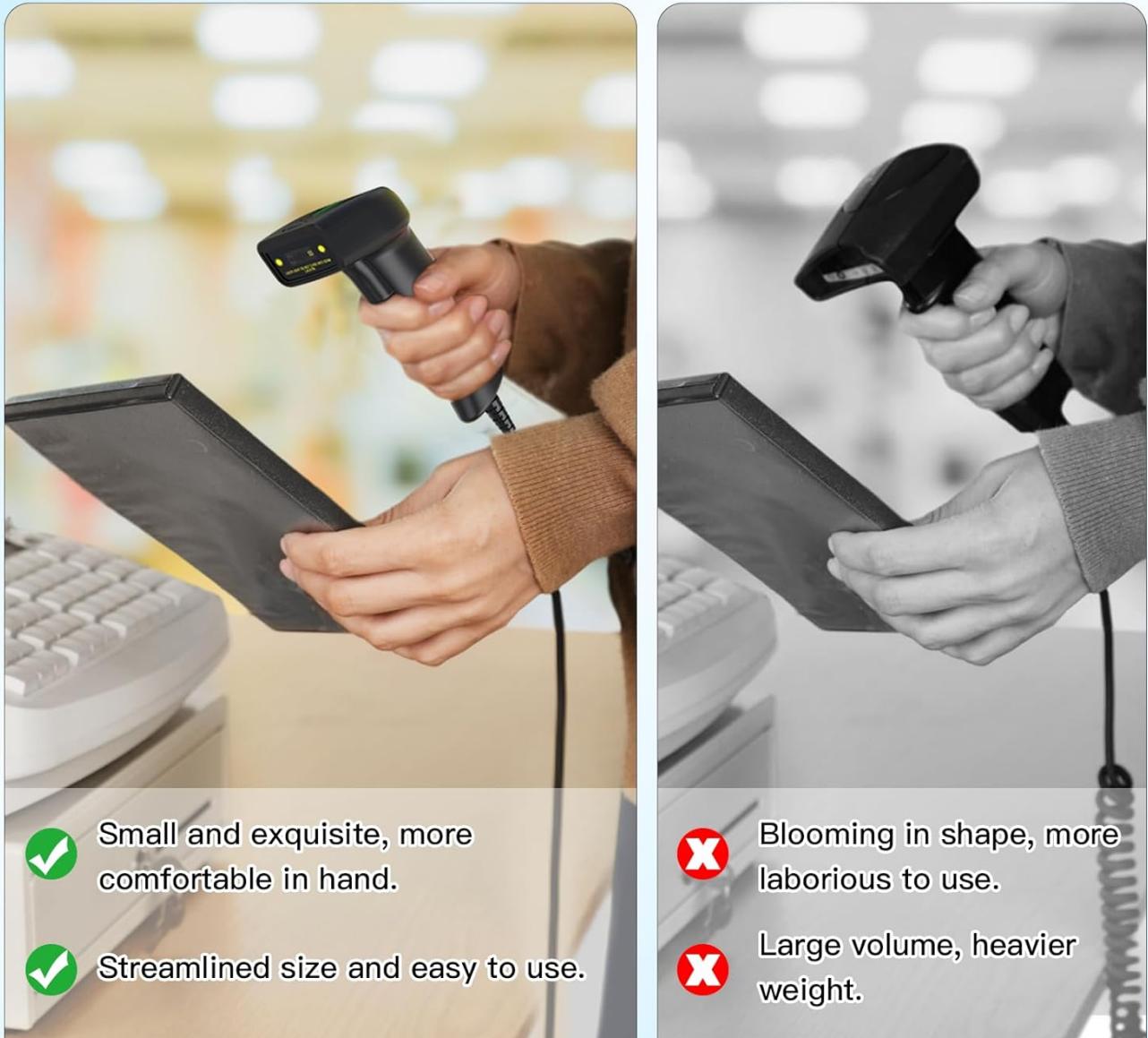


Figure 5.1: The scanner's compact and comfortable design, contrasting with larger, less practical designs.

6. SPECIFICATIONS

Detailed technical specifications for the Symcode USB Laser Barcode Scanner:

Feature	Description
Dimensions	165*63*87mm (6.5 x 2.48 x 3.43 inches)
Weight	156g (4.2 ounces)
Light Source	650nm~670nm Visible Laser
Scan Speed	100 scans/sec (150 scans per second mentioned in feature bullets)
Read Preciseness	0.1mm (4mil)
Print Contrast	30% min

Feature	Description
Depth of Field	0~600mm (0.33mm, PCS 90%)
Scan Scope	10mm~250mm
Reading Distance	2.5~600mm (100% UPC/EAN)
Decode Capabilities	EAN-8/13, UPC-A/E, Code 39/93/128, EAN-128, Codabar, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, MSI etc.
Bit Error Rate	1/5 million
Current	85mA (working), 36mA (storage)
Interface	USB
Operating Temperature	0°C~45°C
Storage Temperature	-20°C~60°C
Humidity	5%~95% non-condensing
Material	ABS+PC
Compatible Devices	Laptop (and other devices with USB host capability)
Power Source	Corded Electric (via USB)
Operating Voltage	4.7 Volts

7. TROUBLESHOOTING

7.1 No Output After Scanning

If the scanner appears to be working (laser light, beep) but no data appears on your computer screen, ensure you have an active text input field or application open. The scanner acts like a keyboard, inputting scanned data directly into the active application. Try opening a simple text editor like Notepad (Windows),TextEdit (Mac), or a word processing document (Word, Excel) and then scan a barcode.

7.2 Scanner Not Recognized

If the scanner is not recognized by your computer:

- Ensure the USB cable is securely connected to both the scanner and the computer's USB port.
- Try connecting the scanner to a different USB port on your computer.
- Restart your computer.
- Verify that the USB cable is not damaged.

7.3 Incorrect Data Output

If the scanned data is incorrect or garbled, refer to the full user manual for programming barcodes that reset the scanner to factory defaults or configure specific data formats.

8. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lint-free cloth lightly dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could scratch the lens.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the scanner or subjecting it to strong impacts, as this can damage internal components. The cable is non-removable, so handle it with care to prevent damage at the connection point.

9. WARRANTY AND SUPPORT

Symcode is committed to providing high-quality products and excellent after-sales service. For specific warranty information, including terms and conditions, please refer to the documentation included with your purchase or visit the official Symcode website. For technical support or inquiries, please contact Symcode customer service through the contact information provided on the product packaging or the brand's official channels.