

symcode MJ-6706DA

Symcode Wireless Bluetooth Barcode Scanner User Manual

Model: MJ-6706DA

1. INTRODUCTION

Thank you for choosing the Symcode MJ-6706DA Handheld 2D Bluetooth Barcode Scanner. This device offers a versatile 3-in-1 connection solution, supporting Bluetooth, 2.4G wireless, and USB wired modes. Designed for accurate and fast data capture, it is suitable for various business applications, including retail, inventory management, and logistics. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your scanner.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Symcode Barcode Scanner (Model: MJ-6706DA-Blue)
- Charging Cord (USB cable)
- 2.4G USB Dongle
- User Manual (this document)

3. PRODUCT OVERVIEW

The Symcode MJ-6706DA scanner features an ergonomic design for comfortable handling and durable construction for longevity. It incorporates CMOS optical imaging scanning technology for efficient barcode reading.



Image: The Symcode MJ-6706DA barcode scanner, shown with its accompanying USB charging cable and 2.4G wireless USB dongle, highlighting its primary components.

78mm/3.1in

100mm/3.9in



Image: Technical drawing illustrating the dimensions of the Symcode MJ-6706DA barcode scanner, including its length, width, and height.

4. SETUP

4.1 Charging the Scanner

Before first use, fully charge the scanner. Connect the provided USB charging cable to the scanner's charging port and plug the other end into a USB power source (e.g., computer USB port, USB wall adapter). The charging time is approximately 2.5 hours. A full charge provides up to 30 hours of continuous scanning.

4.2 Connection Modes

The scanner supports three connection modes:

Support wired and wireless modes



Wired modes

1. Cable used as charging cable
2. Cable used as data transmission cable synchronously
3. Support mobile phone charger fast charging, with perfect charging management system



pair with a computer

Image: The barcode scanner demonstrating its three connectivity options: USB wired connection to a laptop, Bluetooth pairing with a mobile device, and 2.4G wireless connection via a USB dongle to a computer.

- **USB Wired Mode:** Connect the scanner directly to your computer using the USB cable. The cable serves as both a charging cable and a data transmission cable. No driver installation is typically required.
- **2.4G Wireless Mode:** Insert the 2.4G USB dongle into an available USB port on your computer. The scanner will automatically pair with the dongle. This mode offers a transmission distance of up to 200m in open environments and 30m indoors.
- **Bluetooth Mode:** This mode allows connection to smartphones, tablets, and other Bluetooth-enabled devices. No driver installation is needed for mobile devices.

4.3 Pairing Instructions

To switch between modes or pair the scanner:

1. **For 2.4G Wireless:** Plug the 2.4G USB dongle into your device. The scanner should automatically connect. If not, scan the '2.4G Wireless Mode' setup barcode (refer to the quick start guide included in the package).
2. **For Bluetooth:** Scan the 'Bluetooth Mode' setup barcode (refer to the quick start guide). On your device, go to Bluetooth settings and search for 'Symcode Scanner' or similar, then select to pair.

3. **For USB Wired:** Simply connect the scanner to your device via the USB cable. It will function as a plug-and-play device.



Image: The barcode scanner displayed alongside logos for iOS, Android, Windows, Mac OS, and Linux, indicating its broad compatibility with different operating systems.

5. OPERATING THE SCANNER

5.1 Scanning Modes

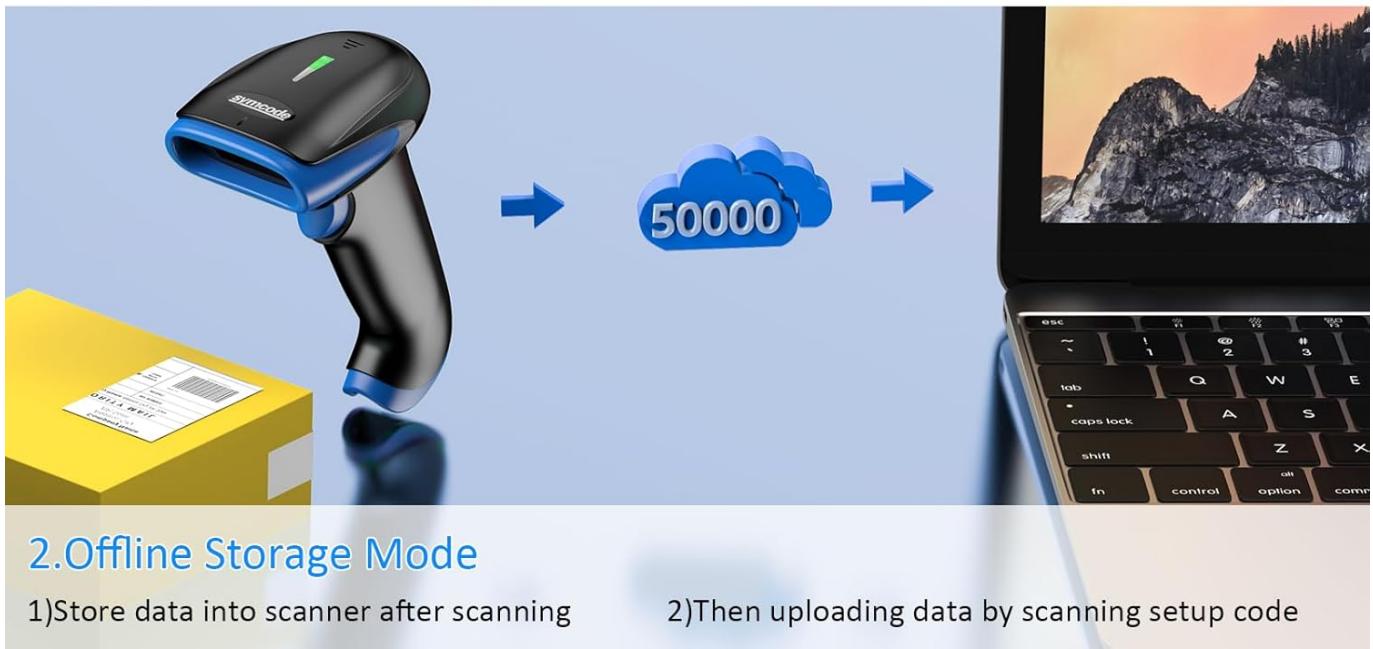
The scanner offers two primary data upload modes:

Two Upload Mode



1. Instant Upload Mode

Uploading data instantly after scanning



2. Offline Storage Mode

1) Store data into scanner after scanning

2) Then uploading data by scanning setup code

Image: A visual representation of the two data upload modes: Instant Upload Mode, where data is sent immediately after scanning, and Offline Storage Mode, where up to 50,000 barcodes can be stored internally before manual upload.

- **Instant Upload Mode:** Data is transmitted immediately to the connected device after each successful scan. This is the default mode.
- **Offline Storage Mode:** If the scanner is out of range or not connected, scanned data is stored in the scanner's internal memory. The scanner can store up to 10,000 codes. To upload stored data, reconnect the scanner and scan the 'Upload Data' setup barcode (refer to the quick start guide).

5.2 Supported Barcode Types

The Symcode MJ-6706DA scanner is capable of decoding a wide range of 1D and 2D barcodes, even if they are partially damaged, dirty, or poorly printed.

2D& ID Super Decoding Ability

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

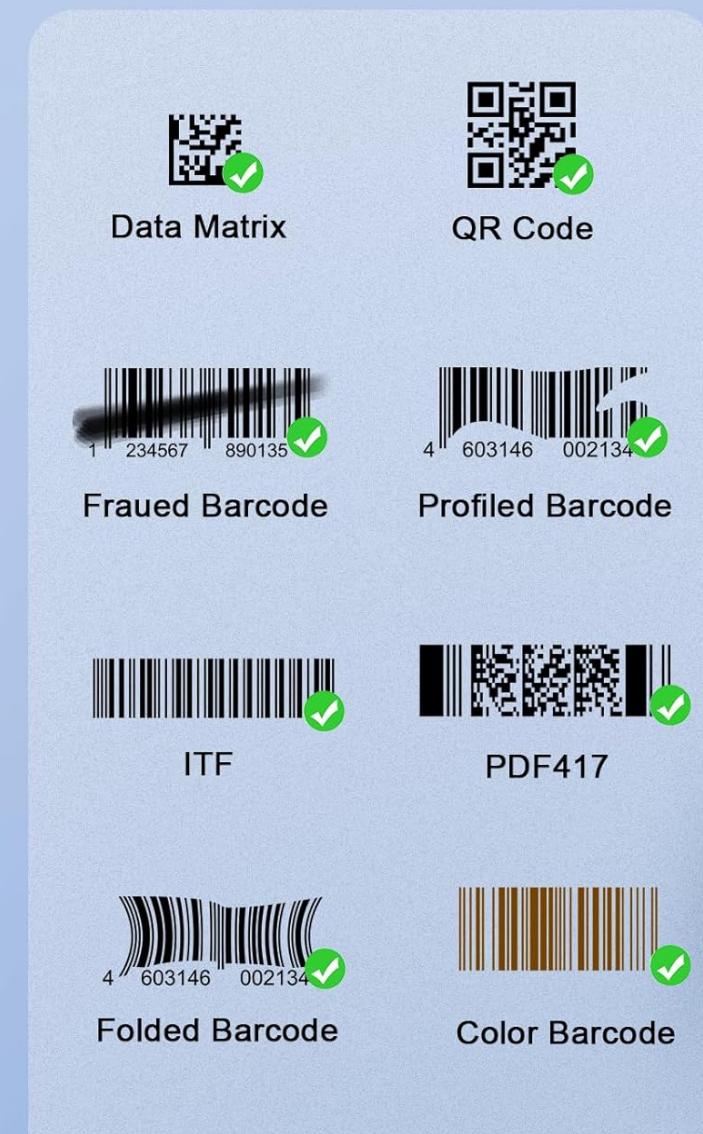


Image: Examples of various 1D and 2D barcode types that the scanner can decode, including Data Matrix, QR Code, Frauded Barcode, Profiled Barcode, ITF, PDF417, Folded Barcode, and Color Barcode.

1D Barcodes: UPC/EAN, UPC/EAN with Supplemental, UCC/EAN 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, RSS variants, Chinese 2 of 5, and extended ASCII support for Code 128 barcodes.

2D Barcodes: PDF417, QR-code, Data Matrix, Aztec, Hanxin.

5.3 Customization Options

The barcode reader offers over 180 configuration options to tailor its functionality to your specific needs. These options include:

- Adding prefix and suffix codes to scanned data.
- Deleting starting or ending characters from scanned data.
- Adding keyboard keys or combinations to the scanning operation.
- Hands-free intelligent sensor mode or trigger scan mode.

- Vibration or buzzer settings for scan confirmation.
- Multiple keyboard language support.

Refer to the detailed configuration guide in the full user manual (if provided separately) or the quick start guide for specific setup barcodes to enable these features.

6. MAINTENANCE

6.1 Cleaning the Scanner

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, lint-free cloth, slightly dampened with water or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials, as they can damage the lens or casing.

6.2 Storage

Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan.

6.3 Battery Care

The scanner is equipped with a 2000mAh Lithium Polymer battery. To maximize battery life:

- Avoid fully discharging the battery frequently.
- Recharge the battery when the low battery indicator appears.
- Do not expose the scanner to temperatures above 60°C (140°F).

7. TROUBLESHOOTING

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

- **Scanner not turning on:** Ensure the battery is charged. Connect the scanner to a power source and try again.
- **No scan output:** Check if the scanner is properly connected to your device (Bluetooth paired, 2.4G dongle inserted, or USB cable connected). Ensure the barcode is not damaged or poorly printed.
- **Incorrect data output:** Verify the keyboard language settings on your computer match the scanner's configuration. Check for any enabled prefix/suffix settings.
- **Bluetooth disconnection:** Ensure the scanner is within the 30m Bluetooth range. Re-pair the scanner with your device if necessary.
- **2.4G wireless disconnection:** Ensure the 2.4G USB dongle is securely inserted and within the 200m (open) or 30m (indoor) range.

For persistent issues, consult the full user manual or contact Symcode customer support.

8. SPECIFICATIONS

Feature	Specification
Model	MJ-6706DA-Blue
Input Voltage	DC5V±0.25v
Current (Work)	25 mA

Current (Instantaneous)	95 mA
Decoding Speed	100 times / sec
Wireless Range (Barrier-free)	200m (2.4G), 40m (Bluetooth)
Charging Time	2.5 Hours
Battery Life	30 Hours (continuous scanning)
Battery Type	1 Lithium Polymer (included)
Connectivity Technology	Bluetooth 6.0, Wireless 2.4G, USB Cable
Compatible Devices	Laptop, Desktop, Smartphone (Windows, Mac OS, iOS, Android, Linux)
Item Weight	10.5 ounces
Package Dimensions	6.93 x 4.53 x 3.31 inches
Durability	Shockproof (8 ft./2.4 m drops to concrete), Dustproof (IP67)

9. WARRANTY AND SUPPORT

Symcode products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or the official Symcode website. Please retain your proof of purchase for warranty claims.