OBZ RF-80-JP

OBZ Omnidirectional Barcode Scanner User Manual

Model: RF-80-JP

1. INTRODUCTION

Thank you for choosing the OBZ Omnidirectional Barcode Scanner, Model RF-80-JP. This device is designed for efficient and accurate scanning of 1D, 2D, and QR barcodes, making it ideal for various applications such as retail, warehousing, logistics, and library management. Its hands-free operation and wide compatibility ensure a seamless user experience.

Image: The OBZ RF-80-JP Omnidirectional Barcode Scanner, featuring its compact design and USB connectivity.

2. SETUP

The OBZ RF-80-JP barcode scanner is designed for simple plug-and-play setup, requiring no additional software or driver installation.

2.1 Connecting the Scanner

1. Locate the USB cable attached to the scanner.

2. Plug the USB cable into an available USB port on your computer or POS system.

3. The scanner will automatically be recognized by your operating system.

The scanner is compatible with a wide range of operating systems, including Windows XP/7/8/10, Android, Linux, and MAC.

Image: Illustrates connecting the scanner's USB cable to a laptop, demonstrating its plug-and-play functionality.

3. OPERATING INSTRUCTIONS

The OBZ RF-80-JP scanner offers efficient and hands-free barcode reading with advanced features.

3.1 Barcode Scanning

- The scanner supports both 1D and 2D/QR barcodes.

- Simply place the barcode within the scanner's wide-angle scan window. The device features an automatic sensing function, which means it will detect the barcode and initiate scanning without manual trigger.

- The scanner utilizes CMOS image scanning technology for fast and accurate data capture from various surfaces, including paper labels, mobile phone screens, and computer displays.

Image: Depicts the scanner's automatic sensing capability, where it activates when a barcode is presented to its window.

3.2 Supported Barcode Types

The scanner has a robust decoding capability, supporting a wide array of barcode symbologies:

1D Barcodes: Codabar, Code 39, Code 32, Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5, Industrial 2 of 5, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, ISBT 128, GS1-128, UPC-A, UPC-E0, UPC-E1, EAN / JAN-13, EAN / JAN-8, ISBN, MSI, GS1 Databar-omnidirectional, GS1 Databar Limited, GS1 Databar Expanded.

2D Barcodes: PDF417, QR code, Datamatrix, Aztec Code, China Post, Hongkong 2 of 5, Korea Post, Han Xin code, Maxi code, Micro PDF417, GS1 Composite coders, Codablock A, Codablock F.

It also supports medical GS1 Databar Limited/GS1 128/GS1 Databar Limited Composite Symbol CC-A.

Image: A visual representation of the various 1D and 2D barcode types that the scanner is capable of reading.

3.3 Adjustable Scan Angle

The scanner's angle can be adjusted to suit user habits and optimize scanning efficiency. This flexibility allows for comfortable and effective use in various environments.

Image: Demonstrates the scanner's adjustable pitch angle (up to ±65°), rotation angle (up to ±360°), and yaw angle (up to ±65°), allowing for flexible positioning.

4. MAINTENANCE

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

4.1 Cleaning

- Regularly clean the scan window with a soft, lint-free cloth.
- For stubborn smudges, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Do not spray cleaner directly onto the scanner.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the scanner's surface or internal components.

4.2 Storage

When not in use, store the scanner in a clean, dry environment away from direct sunlight and extreme temperatures. The maximum recommended storage temperature is 70 degrees Celsius.

5. TROUBLESHOOTING

If you encounter issues with your OBZ barcode scanner, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scanner not powering on	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely plugged into both the scanner and the computer. Try a different USB port.
Scanner not reading barcodes	Barcode is damaged or unreadable; incorrect barcode type; scanner window is dirty.	Ensure the barcode is clear and undamaged. Verify the barcode type is supported (refer to Section 3.2). Clean the scan window (refer to Section 4.1).
Data not transmitting to computer	Software issue on the computer; scanner not recognized by OS.	Restart your computer. Disconnect and reconnect the USB cable. Ensure your operating system is compatible.

If the problem persists after trying these steps, please contact customer support.

6. SPECIFICATIONS

Feature	Description
Model Number	RF-80-JP
Color	Black
Dimensions (L x W x H)	14 x 12 x 10 cm
Weight	0.39 Kilograms (390 g)
Material	ABS+PC
Connectivity	USB Cable
Cable Length	1.8 M
Compatible OS	Windows XP/7/8/10, Android, Linux, MAC
Barcode Support	1D (Codabar, Code 39, Code 128, UPC/EAN, GS1 Databar, etc.), 2D (PDF417, QR Code, Data Matrix, Aztec Code, etc.)
Automatic Sensing	Yes
Scanning Technology	CMOS Image
Maximum Storage Temperature	70 degrees Celsius

7. WARRANTY AND SUPPORT

The OBZ RF-80-JP barcode scanner comes with a **three-year warranty** from the date of purchase.

For any questions, technical assistance, or warranty claims, please do not hesitate to contact our customer support team. We are committed to providing excellent service and support for our products.

Contact information can typically be found on the product packaging or the retailer's website where you purchased the scanner.