Syble XB-2058A

Syble XB-2058 Barcode Scanner User Manual

Model: XB-2058A

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Syble XB-2058 Barcode Scanner. Please read this manual thoroughly before using the device to ensure optimal performance and longevity. The Syble XB-2058 is designed for efficient and accurate barcode scanning in various retail and industrial environments.

2. SETUP

2.1 Package Contents

Verify that all items are present in the package:

- Syble XB-2058 Barcode Scanner
- USB Cable
- Adjustable Stand (optional, if included)
- User Manual (this document)

2.2 Connecting the Scanner

The Syble XB-2058 barcode scanner connects to your computer via a standard USB interface. No additional drivers are typically required for most operating systems, as it functions as a standard HID (Human Interface Device) keyboard emulator.

1. Connect the USB cable to the port at the base of the scanner handle.
2. Plug the other end of the USB cable into an available USB port on your computer.
3. The scanner will power on automatically, indicated by a brief flash of its indicator light and an audible beep.
4. Your operating system should automatically detect and install the necessary drivers. This process may take a few moments.

Image: The Syble XB-2058 barcode scanner shown with its adjustable stand and connected USB cable. The scanner features a black ergonomic handle with a blue trigger button and a scanning window at the front. The stand provides a stable base for hands-free operation.

3. OPERATING INSTRUCTIONS

3.1 Basic Scanning

To scan a barcode:

1. Ensure the scanner is connected and powered on.
2. Point the scanning window at the barcode you wish to read.
3. Press and hold the blue trigger button. A red scanning line will emit from the scanner.
4. Position the scanner so the red line crosses the entire barcode.
5. Upon successful scan, the scanner will emit an audible beep, and the indicator light will flash. The barcode

data will be transmitted to your computer as if typed via a keyboard.

3.2 Scanning Modes

The Syble XB-2058 supports multiple scanning methods:

- **Manual Mode:** Press the trigger button to activate the scan. Release to stop.
- **Automatic Mode:** When placed on its stand, the scanner can automatically detect and scan barcodes presented within its field of view without requiring a trigger press.
- **Successive Mode:** Allows for continuous scanning of multiple barcodes without needing to repress the trigger for each scan, as long as barcodes are presented sequentially.

3.3 Scan Performance

The scanner offers a scan speed of 300 times per second, with a depth of field ranging from 0-28 cm and a scanning range of 1-27 cm. Optimal performance is achieved when barcodes are clean, clearly printed, and presented within these parameters.

4. MAINTENANCE

4.1 Cleaning

To maintain optimal scanning performance, keep the scanning window clean.

- Use a soft, lint-free cloth, slightly dampened with water or a mild, non-abrasive cleaner.
- Gently wipe the scanning window.
- Do not use harsh chemicals, solvents, or abrasive materials, as these can damage the scanner's surface.

4.2 Storage

When not in use, store the scanner in a clean, dry environment, away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your Syble XB-2058 scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner does not power on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port.
Scanner does not read barcodes.	Barcode damaged, poor quality, or outside scanning range. Scanning window is dirty.	Ensure the barcode is clear and undamaged. Position the scanner correctly within the 1-27 cm range. Clean the scanning window as per maintenance instructions.
Barcode data is not appearing on the computer.	Scanner not recognized by the computer or application not in focus.	Verify the scanner is properly connected and detected by the operating system. Ensure the cursor is in a text field of an active application (e.g., Notepad, Word, POS software).

Problem	Possible Cause	Solution
Scanner beeps but no data is transmitted.	Incorrect configuration or software issue.	Restart the computer. Ensure the application receiving data is correctly configured.

6. SPECIFICATIONS

Technical specifications for the Syble XB-2058 Barcode Scanner:

- **Model:** XB-2058A
- **Brand:** Syble
- **Scan Method:** Automatic, Manual, Successive
- **Scan Speed:** 300 scans per second
- **Depth of Scan Field:** 0-28 cm
- **Scanning Range:** 1-27 cm
- **Weight (Scanner only):** Approximately 174g
- **Package Dimensions:** 24 x 12.4 x 8.6 cm; 430 g
- **Compatible Devices:** Desktop, Laptop
- **Power Source:** USB Powered

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your vendor. Keep your purchase receipt as proof of purchase for any warranty claims.