ZEBRONICS ZEB-BS1H1000

ZEBRONICS ZEB-BS1H1000 1D Laser Handheld Barcode Scanner User Manual

Model: ZEB-BS1H1000

INTRODUCTION

The Zebronics ZEB-BS1H1000 is a 1D laser handheld barcode scanner designed for efficient and accurate data capture. It features USB connectivity for easy integration with various systems, an inbuilt buzzer for scan confirmation, and an LED indicator for operational status. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your scanner.

Figure 1: Zebronics ZEB-BS1H1000 Handheld Barcode Scanner overview.

SETUP

Follow these steps to set up your ZEB-BS1H1000 barcode scanner:

1. **Unpacking:** Carefully remove the scanner and its USB cable from the packaging.

2. **Connect to Host Device:** Plug the USB cable from the scanner into an available USB port on your computer or compatible host device. The scanner is a plug-and-play device and typically does not require driver installation for basic functionality.

3. **Power On:** The scanner will power on automatically once connected via USB. The LED indicator will illuminate, and a short beep from the buzzer will confirm it is ready for use.

Figure 2: Key features of the ZEB-BS1H1000, highlighting the USB interface and LED indicator.

OPERATING INSTRUCTIONS

The ZEB-BS1H1000 is designed for simple and efficient barcode scanning.

- **Scanning a Barcode:**

    Hold the scanner with a firm grip. Point the scanning window towards the barcode you wish to scan. Press and hold the trigger button. A red laser line will project from the scanning window. Position the laser line across the entire barcode. Once successfully scanned, the scanner will emit a beep (from the inbuilt buzzer) and the LED indicator will flash.

Figure 3: Proper hand grip and trigger location for scanning.

- **Scan Confirmation:** The audible beep and visual LED flash confirm a successful scan. The scanned data will be transmitted to your connected device as if typed from a keyboard.

- **Scan Angle:** The scanner supports a wide range of scan angles for flexibility: Pitch: ±30°, Skew: ±45°, Roll: ±60°.

- **Scan Rate:** The scanner operates at a rate of 200 scans per second for quick and efficient data capture.

Figure 4: ZEB-BS1H1000 in typical use environment.

MAINTENANCE

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

- **Cleaning:** Regularly clean the scanning window with a soft, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid using harsh chemicals or abrasive materials that could scratch the window.

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

- **Handling:** Handle the scanner with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components.

- **Laser Safety: CAUTION:** Avoid staring directly into the laser beam. While the laser is low-power, direct exposure to the eye should be avoided.

Figure 5: Close-up of the scanning window, showing laser and caution.

TROUBLESHOOTING

If you encounter issues with your ZEB-BS1H1000 scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner not responding / No LED or Buzzer	Not properly connected to USB port or insufficient power.	Ensure the USB cable is securely plugged into both the scanner and the host device. Try a different USB port or a different host device.

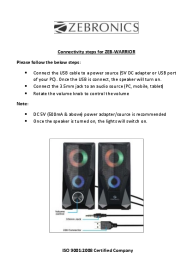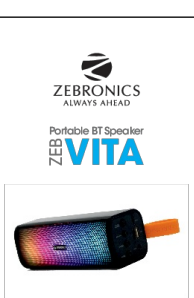| Problem	Possible Cause	Solution
Scanner not reading barcodes	Barcode is damaged or poorly printed; scanning window is dirty; incorrect scanning angle; scanner is not configured for the barcode type.	Ensure the barcode is clear and undamaged. Clean the scanning window. Adjust the scanning angle and distance. Refer to the product's full programming manual (if available) for advanced configuration.
Scanned data is incorrect or incomplete	Partial scan; incorrect data format settings.	Ensure the entire barcode is covered by the laser line during scanning. Check the software settings on your host device for correct data input format.
Scanner frequently disconnects	Loose USB connection; faulty USB cable or port.	Verify the USB connection is firm. Try a different USB cable or port. If the issue persists, contact customer support.

SPECIFICATIONS

Detailed technical specifications for the Zebronics ZEB-BS1H1000 barcode scanner:

Feature	Description
Device Type	Handheld Barcode Scanner
Model	ZEB-BS1H1000
Connectivity	USB Cable (Corded Electric)
Scan Rate	200 scans/sec (200 fps)
Scan Angle	Pitch: ±30°, Skew: ±45°, Roll: ±60°
Print Contrast Ratio	>25%
Indicators	Buzzer, LED
Product Dimensions	8.6 x 6.5 x 16.5 cm
Item Weight	120 g
Compatible Devices	Laptop (and other compatible host devices)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Zebronics website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the official ZEBRONICS store for more information:ZEBRONICS Store on Amazon.in

Related Documents

Zebronics Accessories Catalog - Barcode Scanners, Adapters, Power Strips, and More
Explore the comprehensive range of Zebronics computer accessories including barcode scanners, laptop adapters, power strips, multiport adapters, LAN adapters, laptop stands, coolers, USB hubs, WiFi adapters, toner cartridges, and projectors. High-quality electronics for your needs.

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Zebronics ZEB-VITA Portable Bluetooth Speaker User Manual
Comprehensive user manual for the Zebronics ZEB-VITA Portable BT Speaker. Learn about its features, specifications, button functions, charging, Bluetooth pairing, Micro SD/USB, AUX, FM radio, and TWS modes.

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