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› LANTRO JS SC-568-2D Handheld Wired Barcode Scanner User Manual

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INTRODUCTION

The LANTRO JS SC-568-2D is a high-performance handheld wired barcode scanner designed for efficient and accurate data entry. This device is suitable for various applications, including retail, supermarkets, and office environments. It is capable of scanning both 1D and 2D barcodes from printed materials and digital screens, providing a reliable solution for modern data capture needs.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your SC-568-2D barcode scanner.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x LANTRO JS SC-568-2D Barcode Scanner
- 1 x USB Cable



Image: The included USB cable for connecting the scanner to a computer.

SETUP

The LANTRO JS SC-568-2D barcode scanner features a plug-and-play design, requiring no complex driver

installation. Follow these steps to set up your scanner:

1. Locate the USB cable provided in the package.
2. Connect the smaller end of the USB cable to the port at the base of the barcode scanner.
3. Connect the standard USB-A end of the cable to an available USB port on your computer (desktop or laptop).
4. The operating system will automatically detect and install the necessary drivers. The scanner will be ready for use once the installation is complete.



Image: A close-up view of the USB cable securely connected to the scanner's base.

OPERATING INSTRUCTIONS

The SC-568-2D scanner is designed for straightforward operation. It can read both 1D and 2D barcodes from various surfaces, including paper labels and digital displays.

Scanning a Barcode:

1. Ensure the scanner is properly connected to your computer and recognized by the system.
2. Hold the scanner comfortably in your hand.
3. Point the scanning window towards the barcode you wish to read.
4. Press the trigger button on the scanner. A red aiming beam will appear.
5. Position the aiming beam to cover the entire barcode. The scanner will emit a beep and/or flash an indicator light upon successful scanning.

6. The scanned data will be transmitted to your computer as keyboard input, appearing in any active text field.



Image: A user demonstrating the scanning process on a package in a warehouse setting.

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 harsh chemicals or abrasive materials that could scratch the window.
- **Handling:** Handle the scanner with care. Avoid dropping it or subjecting it to strong impacts, as this can damage internal components.
- **Storage:** Store the scanner in a dry environment within the specified temperature and humidity ranges (refer to Specifications section) when not in use.
- **Cable Care:** Do not bend or twist the USB cable excessively. Avoid pulling the cable to disconnect the scanner; always grasp the plug.

TROUBLESHOOTING

If you encounter issues with your LANTRO JS SC-568-2D scanner, refer to the following common problems and solutions:

- **Scanner Not Recognized by Computer:**

- Ensure the USB cable is securely connected to both the scanner and the computer.
- Try connecting the scanner to a different USB port on your computer.
- Restart your computer and reconnect the scanner.

- **Cannot Scan Barcodes:**

- Verify that the barcode is clear, undamaged, and within the scanner's reading range.
- Ensure the scanning window is clean and free from obstructions.
- Adjust the distance and angle between the scanner and the barcode.
- Check ambient light conditions; excessive glare or insufficient light can affect scanning performance.
- Confirm the barcode type is supported by the scanner (1D and 2D codes are supported).

- **No Data Output After Scanning:**

- Ensure an application or text field is active on your computer to receive the scanned data.
- Verify the scanner is properly recognized by the operating system (check Device Manager on Windows).

SPECIFICATIONS

Detailed technical specifications for the LANTRO JS SC-568-2D Barcode Scanner:

Feature	Specification
Item Type	Barcode Scanner
Resolution	≥4 million
EAN13 (13mil) Depth	Approx. 40 ~ 230mm / 1.6 ~ 9.1in
PDF417 (667 Million) Depth	Approx. 40 ~ 175mm / 1.6 ~ 6.9in
Data FIELD (10mil) Depth	Approx. 50 ~ 185mm / 2 ~ 7.3in
QR (15mil) Depth	Approx. 50 ~ 180mm / 2 ~ 7.1in
Printing Contrast	≥20%
Reading Angle	Roll: 360°, Spacing: ±50°, Inclination: ±50°
Field of View	Horizontal: 40°, Vertical: 35°
Mechanical/Electronic Interface	Keyboard wedge, RS-232, USB (HID or V-COM)
Working Voltage	5VDC±10%
Work Current	210mA
Standby Current	65mA
Working Temperature	-20°C~+60°C
Storage Temperature	-30°C~+70°C

Feature	Specification
Humidity	10%-90% (no condensation)
Ambient Light	0~80.000lux (net light)
ESD	±9KV (contact discharge), ±15KV (air discharge)
Compatible Devices	Desktop, Laptop

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for warranty claims.