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› Zebra Symbol LS3578-ER Wireless Bluetooth Rugged Extended Range Laser Barcode Scanner User Manual

## Symbol LS3578-ER

# Zebra Symbol LS3578-ER Wireless Bluetooth Rugged Extended Range Laser Barcode Scanner User Manual

Model: LS3578-ER | Brand: Symbol

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Zebra Symbol LS3578-ER Wireless Bluetooth Rugged Extended Range Laser Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Zebra Symbol LS3578-ER Wireless Bluetooth Rugged Extended Range Laser Barcode Scanner
- Cradle
- Powered USB Cable
- Power Supply
- Line Cord



Image 1: Complete package contents including the LS3578-ER scanner, charging cradle, power adapter, and USB cable.

## 3. SETUP

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### 3.1. Charging the Battery

1. Connect the power supply to the charging cradle.
2. Plug the power supply into an electrical outlet.
3. Place the LS3578-ER scanner into the cradle. Ensure it is seated correctly. The charging indicator light on the scanner or cradle will illuminate to confirm charging.
4. Allow the scanner to charge fully before initial use. A full charge typically takes approximately 3-4 hours.

### 3.2. Connecting to a Host Device (Bluetooth)

1. Ensure your host device (e.g., computer, tablet) has Bluetooth enabled.
2. Power on the LS3578-ER scanner.
3. Scan the appropriate Bluetooth pairing barcode from the scanner's quick start guide or the manufacturer's website to put the scanner into discoverable mode.
4. On your host device, search for new Bluetooth devices. Select "LS3578-ER" (or similar identifier) from the list of available devices.
5. Follow any on-screen prompts to complete the pairing process. A successful connection is usually indicated by a specific LED pattern or audible beep from the scanner.

### 3.3. Connecting to a Host Device (USB Cradle)

1. Connect the powered USB cable from the cradle to an available USB port on your host device.
2. Place the LS3578-ER scanner into the cradle.
3. The host device should automatically detect and install the necessary drivers. This may take a few moments.
4. Once drivers are installed, the scanner will function as a keyboard wedge, transmitting scanned data directly to the active application on your host device.

## 4. OPERATING THE SCANNER

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### 4.1. Basic Scanning

1. Aim the scanner's laser beam at the barcode you wish to scan.
2. Press and hold the trigger button. The laser line will appear.
3. Position the laser line across the entire barcode.
4. Once the barcode is successfully read, the scanner will emit an audible beep and/or the LED indicator will flash. The scanned data will be transmitted to your connected host device.
5. Release the trigger button.

### 4.2. Scanning Range

The LS3578-ER is designed for extended range scanning. Optimal scanning distance varies depending on barcode type, size, and ambient light conditions. For best results, ensure the barcode is clear and well-lit.

## 5. MAINTENANCE

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### 5.1. Cleaning the Device

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, lint-free cloth lightly

dampened with water or a mild, non-abrasive cleaning solution. Do not spray cleaners directly onto the device or immerse it in liquids.

## 5.2. Battery Care

- To maximize battery life, avoid fully discharging the battery frequently.
- Store the scanner in a cool, dry place when not in use for extended periods.
- If the battery performance significantly degrades, contact support for replacement options.

## 6. TROUBLESHOOTING

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Problem	Possible Solution
Scanner does not power on.	Ensure the battery is charged. Place the scanner in the cradle and verify the charging indicator.
Scanner does not read barcodes.	Verify the scanner is properly connected to the host device (Bluetooth or USB). Ensure the barcode is not damaged, smudged, or poorly printed. Check if the laser is visible and correctly aimed.
Bluetooth connection fails or disconnects.	Ensure the scanner is within Bluetooth range of the host device. Re-pair the scanner with the host device. Check the host device's Bluetooth settings.
Scanned data does not appear on the host device.	Confirm the scanner is successfully paired/connected. Ensure the cursor is in an active text field on the host device. Check if the correct drivers are installed for USB connection.

## 7. SPECIFICATIONS

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Feature	Detail
Model	LS3578-ER
Brand	Symbol (Zebra)
Connectivity Technology	Bluetooth, USB Cable, Wireless
Power Source	Corded Electric, USB Cable
Compatible Devices	Desktop, Laptop
UPC	611393751549
First Available Date	April 26, 2021

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or to purchase accessories, please refer to the official Zebra Technologies website or contact your authorized Symbol reseller. Keep your proof of purchase for warranty claims.

