Fafeicy Fafeicygzx1476sd0

Fafeicy Handheld QR Barcode Reader User Manual

Model: Fafeicygzx1476sd0

For Inventory Management, Retail, and Healthcare Applications

1. Introduction

This manual provides detailed instructions for the safe and efficient operation of your Fafeicy Handheld QR Barcode Reader, model Fafeicygzx1476sd0. This device is designed for seamless data collection in various environments, including retail, healthcare, and logistics. Please read this manual thoroughly before use and retain it for future reference.

2. Product Overview

The Fafeicy Handheld QR Barcode Reader is a versatile tool combining inventory barcode reading, data collection, and inventory counting functionalities. It supports both 1D and 2D barcode scanning with high accuracy and offers a long-lasting battery for extended use.

Key Features:

- **Seamless Data Collection:** Enhances accuracy and productivity in demanding work environments.
- **User-friendly Design:** Ergonomic and efficient for comfortable operation.
- **Long-lasting Battery Life:** Built-in 1500mAh Li-battery ensures extended usage.
- **Quick and Accurate Scanning:** Swiftly scans 1D and 2D codes with high recognition accuracy.
- **Versatile Functionality:** Combines multiple inventory management tools into one device.



Image 2.1: The Fafeicy Handheld QR Barcode Reader with its USB cable, receiver, and portable strap.



Image 2.2: The barcode reader being used in different environments, such as a cafe, library, and clothing store, demonstrating its versatility.

Device Components:



Image 2.3: A detailed diagram illustrating the various buttons and screen indicators of the barcode reader, including signal strength, power level, scan button, return, confirm, number/character keys, direction keys, backspace, input mode switch, power on/off, and decimal point.

- **Display Module:** 2.4 Inch LCD, QVGA Resolution (240x320)
- **Keys:** 19 Main Keys for navigation and input.
- **Scan Button:** Initiates barcode scanning.
- **Power On/Off Button:** Controls device power.
- **USB Port:** For charging and data transfer.
- **Scanner Lens:** Located at the top of the device.

3. Setup

3.1 Unpacking

Carefully unpack the device and verify that all components are present:

- 1 x Barcode Scanner
- 1 x USB Cable
- 1 x Receiver

- 1 x Portable Strap

3.2 Charging the Device

Before first use, fully charge the barcode reader. The device is equipped with a 1500mAh Li-battery.

1. Connect the provided USB cable to the Type-C interface on the scanner.
2. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a computer's USB port.
3. The battery indicator on the screen will show charging status. Allow sufficient time for a full charge.



Image 3.1: The Type-C interface located on the side of the barcode reader for charging and data connection.

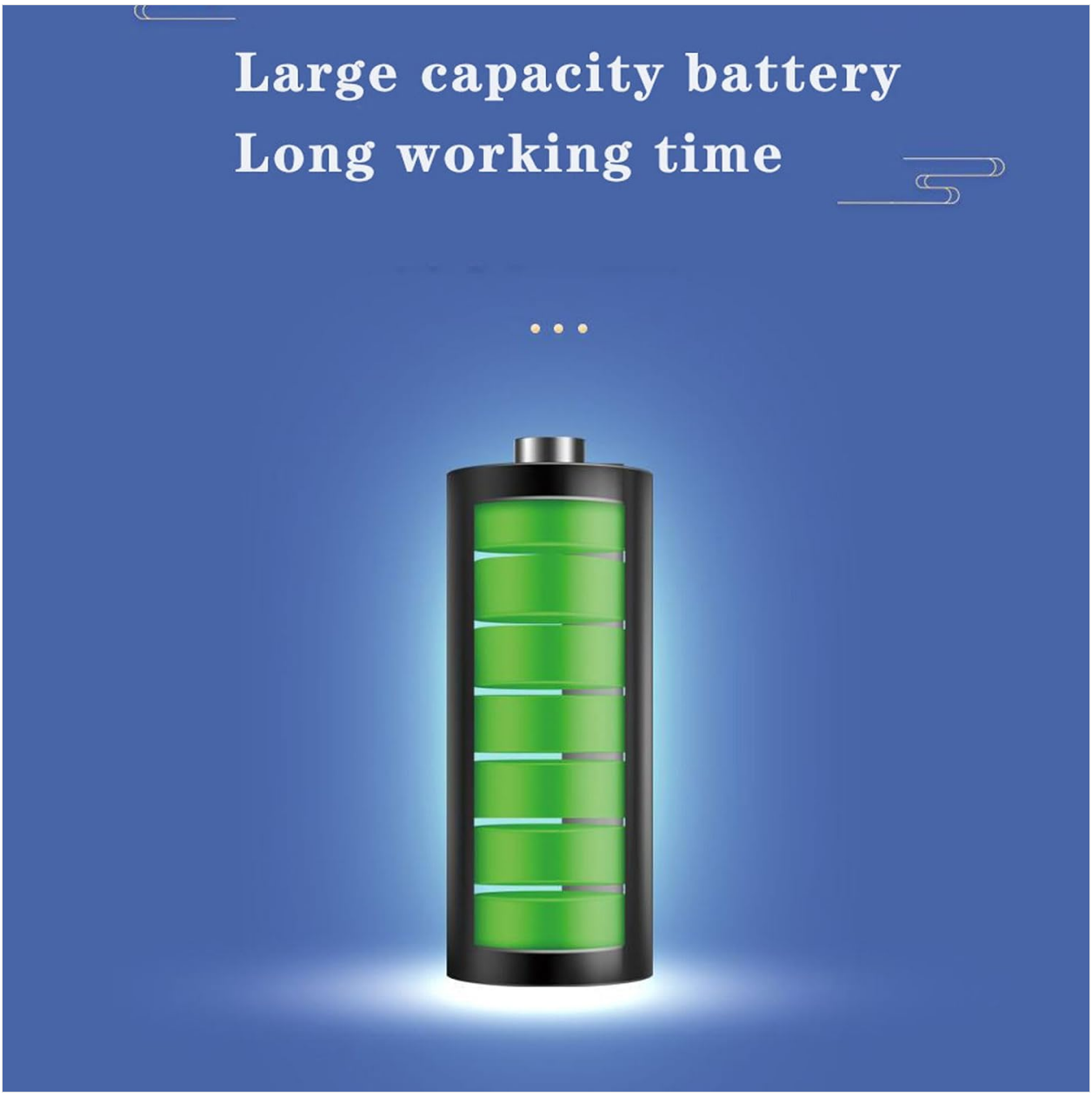


Image 3.2: Visual representation of the device's large capacity battery, indicating extended operational time.

3.3 Powering On/Off

- **To Power On:** Press and hold the Power On/Off button (refer to Image 2.3) until the screen illuminates.
- **To Power Off:** Press and hold the Power On/Off button until the device shuts down.

3.4 Connecting to a Host Device

The scanner supports USB2.0 and 433 communication interfaces for data transfer.

- **USB Connection:** Connect the scanner to a computer using the provided USB cable. The device will typically be recognized as a mass storage device or a virtual COM port, depending on its configuration.
- **433 Wireless Connection:** Insert the provided 433 receiver into a USB port on your host device. The scanner should automatically pair with the receiver.

4. Operating Instructions

4.1 Basic Navigation

Use the directional keys and the 'OK' button (refer to Image 2.3) to navigate through the device's menu options on the 2.4-inch LCD screen. The 'C' button typically functions as a 'Return' or 'Cancel' key.



Image 4.1: The barcode reader's screen displaying its user interface while being held, showing options like 'Collect', 'Inventory', 'Search', 'COMM-set', 'Settings', and 'Update'.

4.2 Scanning Barcodes

The device can swiftly scan various 1D and 2D barcode types.

1. Point the scanner lens (refer to Image 2.3) at the barcode you wish to scan.
2. Press the dedicated 'Scan' button (refer to Image 2.3). A red scan line or light will appear.
3. Ensure the barcode is within the scan line's range and clearly visible to the scanner.
4. Upon successful scan, the device will emit a sound prompt (buzzer) and display the decoded data on the screen.



Image 4.2: The barcode reader actively scanning a barcode, indicated by a red laser line emitted from the device.



Image 4.3: A close-up of the scanner's lens and integrated light source, which are crucial for accurate barcode reading.

4.3 Data Collection and Storage

The device can store approximately 50,000 EAN-13 codes internally. Navigate to the 'Inventory' or 'Collect' menu option to manage scanned data.

4.4 Data Transfer

To transfer collected data to a computer:

1. Connect the scanner to your computer via USB or ensure the 433 wireless connection is established.
2. Access the 'COMM-set' or 'Update' menu on the scanner.
3. Follow the on-screen prompts to initiate data upload. The device can transmit up to 50,000 barcodes via text upload.



Image 4.4: The barcode reader being used in a large warehouse, illustrating its effective transmission distance of up to 300 meters for data transfer.

5. Maintenance

5.1 Cleaning

- Use a soft, dry, lint-free cloth to clean the device's exterior.
- For the scanner lens and screen, use a specialized screen cleaning solution and a microfiber cloth to avoid scratches.
- Do not use abrasive cleaners, solvents, or spray liquids directly onto the device.

5.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.
- If the device will not be used for a long time, charge it to about 50% every three months to prolong battery life.

5.3 Storage

Store the device in a protective case or a safe environment to prevent physical damage, especially to the screen and scanner lens.

6. Troubleshooting

6.1 Device Not Powering On

- Ensure the battery is sufficiently charged. Connect the device to a power source and allow it to charge for at least 30 minutes before attempting to power on again.
- Verify that the power button is being pressed and held correctly.

6.2 Unable to Scan Barcodes

- Check if the scanner lens is clean and free from obstructions.
- Ensure the barcode is not damaged, smudged, or poorly printed.
- Adjust the distance and angle between the scanner and the barcode.
- Verify that the correct scanning mode (1D/2D) is selected if applicable in the device settings.

6.3 Data Transfer Issues

- For USB connection, ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port or cable.
- For 433 wireless connection, ensure the receiver is properly inserted into the host device and within the 300-meter range.
- Check the device's communication settings to ensure it is configured for the correct transfer method.

7. Specifications

Item Type	Portable Inventory Scanner
Material	ABS
CPU	32 Bit MCU

Communicating Interface	USB2.0, 433
Battery	3.7V-4.2V Li Battery, 1500mAh x 1 (Included)
Display Module	2.4 Inch LCD, QVGA Resolution (240x320)
Camera Module	640 x 480 CMOS
Fill Light LED	KK4C-H6060R3R62835Z15
Positioning LED	-2835URC
Barcode Storage	Approximately 50,000 EAN-13 Codes
Decoding Chip	Dedicated Hardware Decoding Chip
Sound Prompt	Buzzer
Keys	19 Main Keys
1D Scan Types	Codabar, Code 11, Code93, MSI, Code 128, UCC, EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25
2D Scan Types	QR, DataMatrix, PDF417, Aztec, Hanxin, Micro PDF417
Package Dimensions	6.69 x 4.33 x 2.76 inches
Item Weight	8.8 ounces
Model Number	Fafeicygzx1476sd0
Manufacturer	Fafeicy

8. Warranty and Support

For technical support, warranty inquiries, or service requests, please contact Fafeicy customer service through the retailer where the product was purchased or visit the official Fafeicy website for contact information.

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