Bixolon SPP-R310

Bixolon SPP-R310 Direct Thermal Printer User Manual

Model: SPP-R310

1. INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your **Bixolon SPP-R310 Direct Thermal Printer**. This portable monochrome printer is designed for efficient label and receipt printing, featuring WLAN connectivity for flexible use.

Please read this manual thoroughly before using the printer to ensure proper functionality and to prevent damage.

Figure 1: Bixolon SPP-R310 Direct Thermal Printer. This image shows the compact, black and gray printer from an angled perspective, highlighting the Bixolon logo, power and feed buttons, and indicator lights for error, battery, and status.

2. SETUP

2.1 Unpacking

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present. Retain the packaging for future transport or storage.

2.2 Loading Paper

1. Open the paper cover by pressing the release latch.
2. Insert the thermal paper roll into the compartment, ensuring the paper feeds from the bottom of the roll towards the print head.
3. Pull a small amount of paper out past the print head.
4. Close the paper cover firmly until it clicks into place.

2.3 Connecting Power

Connect the provided AC adapter to the printer's power input port and then plug the adapter into a standard electrical outlet. Ensure the battery is fully charged before initial use for optimal performance.

2.4 Driver Installation

Before connecting the printer to your computer or mobile device, install the necessary drivers. Drivers can typically be downloaded from the official Bixolon website. Follow the on-screen instructions provided by the installer.

3. OPERATING THE PRINTER

3.1 Powering On/Off

To power on the printer, press and hold the **POWER** button until the indicator lights illuminate. To power off, press and hold the **POWER** button again until the lights turn off.

3.2 Indicator Lights

- **ERROR:** Indicates a printer error (e.g., paper out, cover open). Refer to the troubleshooting section.
- **BATT:** Shows battery charge level. Multiple lights indicate higher charge.
- **STATUS:** Indicates printer status (e.g., ready, printing).

3.3 Feed Button

Press the **FEED** button to advance the paper by one line. Holding the button will continuously feed paper.

3.4 Printing via WLAN

The SPP-R310 supports WLAN connectivity. Ensure your device is connected to the same wireless network as the printer. Refer to the printer's network configuration guide (usually available on the Bixolon website) for detailed instructions on setting up WLAN.
Once configured, you can send print jobs from compatible applications on your computer or mobile device.

4. MAINTENANCE

4.1 Cleaning the Print Head

To maintain print quality, clean the thermal print head regularly. Use a cotton swab lightly dampened with isopropyl alcohol. Gently wipe the print head surface. Allow it to dry completely before closing the cover and resuming operation.

4.2 Battery Care

- Charge the battery fully before first use.
- Avoid completely discharging the battery frequently.
- If storing the printer for an extended period, charge the battery to about 50% and store in a cool, dry place.

4.3 General Cleaning

Wipe the exterior of the printer with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Printer not powering on	Low battery or power adapter issue	Charge the battery or check power adapter connection.

Problem	Possible Cause	Solution
No print output	Paper out, paper loaded incorrectly, or communication error	Load paper correctly, check paper cover, verify WLAN connection and driver installation.
Poor print quality	Dirty print head or incorrect paper type	Clean the print head (refer to Section 4.1). Ensure you are using thermal paper.
ERROR light is on	Paper out, cover open, or other internal error	Check paper supply, ensure paper cover is closed, power cycle the printer.

6. SPECIFICATIONS

- **Model:** Bixolon SPP-R310

- **Print Method:** Direct Thermal

- **Connectivity:** WLAN

- **Dimensions (Package):** 8 x 8 x 8 inches

- **Weight (Item):** 1 pound

- **Manufacturer:** Bixolon

- **ASIN:** B07NJS379C

- **First Available:** June 26, 2018

7. WARRANTY AND SUPPORT

Specific warranty details for the Bixolon SPP-R310 printer are not provided in this manual. For comprehensive warranty information, technical support, and service inquiries, please visit the official Bixolon website or contact their customer service department.

You can often find support resources, FAQs, and contact information on the manufacturer's official website:

www.bixolon.com

Related Documents - SPP-R310
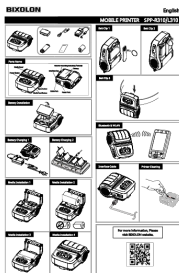
[BIXOLON SPP-R310/L310 Mobile Printer User's Manual](#)

Comprehensive user manual for the BIXOLON SPP-R310/L310 mobile printer, covering installation, usage, safety precautions, specifications, and maintenance.
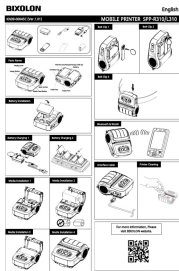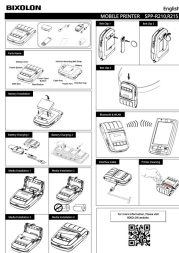

[BIXOLON SPP-R310/L310 Mobile Printer User Guide and Safety Information](#)

Comprehensive guide for the BIXOLON SPP-R310/L310 mobile printer, detailing parts, installation, charging, connectivity, maintenance, and crucial safety warnings. Includes information in English, Korean, Russian, and Arabic.

[BIXOLON SPP-R310/L310 Mobile Printer Quick Guide](#)

Get started with your BIXOLON SPP-R310/L310 mobile printer. This guide covers setup, media installation, battery charging, and essential safety warnings for optimal use.

[BIXOLON SPP-R210/R215 Mobile Printer: Quick Start & User Guide](#)

Discover the BIXOLON SPP-R210 and SPP-R215 mobile printers. This guide provides essential information on setup, parts, battery, media installation, and maintenance for these versatile portable printing solutions.

[BIXOLON SPP-R220 Mobile Printer User Manual](#)

Comprehensive user manual for the BIXOLON SPP-R220 mobile printer, covering installation, operation, safety precautions, and troubleshooting.

Detailed installation guide for the BIXOLON SPP-R200III mobile receipt printer, covering setup, safety precautions, product features, specifications, connectivity, and maintenance.