

### Information

This installation guide contains quick information required for the product installation. Refer to the User's Manual in the website that comes with the product for detailed installation instructions. The website contains the following information.

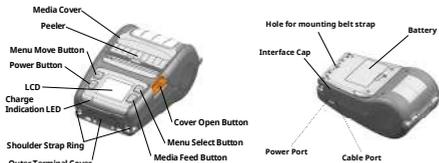
1. Manual: User's, Bluetooth & Wi-Fi Connection, SLCS Programming, Code Pages, Software
2. Driver: Windows, OPOS, Linux & Mac CUPS
3. SDK: Android, Linux, Windows, iOS
4. Utility: Net Configuration Tool, Unified Label Utility-II
5. Label Design: Label Artist-II

We at BIXOLON Co., Ltd. maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. The following, product specifications and/or user manual content may be changed without prior notice. Please refer to the BIXOLON website for the addresses and phone numbers of the company's headquarters and branch offices.

### Content Confirmation



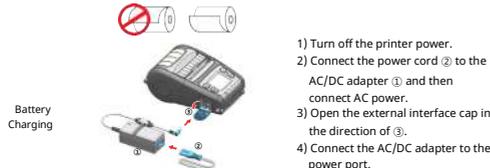
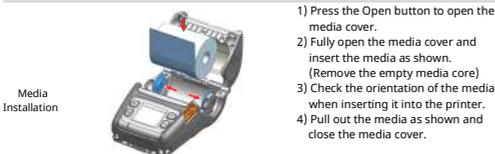
### Product Part Names



### Installation and Charging



**!** The battery is sold uncharged.



**!** The printer may incur serious damage if the AC/DC adapter provided by BIXOLON is not used. BIXOLON is not legally liable for any such damages.

**!** The voltage and electrical current specifications of the printer and battery charger must match.)



### Control Panel Usage



#### Power Button

This button is used to turn the printer on, off, to move to main menu or to operate the action.

- 1) When the printer is off, press this button for approximately 2 seconds to turn on the power.
- 2) When the printer is on, press this button for approximately 2 seconds to turn off the power.
- 3) Pressing this button while the LCD menu is being operated moves to the main menu or to operate the selected action from the menu.

#### Media Feed Button

This button is used to feed the media manually or return to the previous step.

- 1) Press and hold this button while the printer is booting to print a self-test page.
- 2) Press this button in the standby mode to feed the media.
- 3) Press this button to return to the previous menu.

#### Menu Move Button

This button is used to move the LCD menu.

Press this button to move the LCD menu from the top left to the bottom right.

#### Menu Select Button

This button is used to select the LCD menu.

Press this button to select the LCD menu or save the selected settings to the printer.

### Self-test

This function is independent of such other devices and software.

Run the self-test to check the setting information when you are setting up the printer for the first time or if there is a problem.

If no issue is found with the printer after running the self-test, examine the other devices running on the system or peripherals and software.

#### Self-Test Instructions

- 1) Turn the printer power on and go to Tools > Print Printer Config menu on the LCD
- 2) Press the power button (Print) to run the self-test.
- 3) The printer settings information is printed on the first page, and the wireless interface information is printed on the next page.
- 4) After the wireless interface information is printed, the self-test is automatically terminated.

### Peripherals Connection

#### 1. Bluetooth & Wireless Lan Connection

- 1) The printer can be connected to devices equipped with Bluetooth communication capacity (PDAs, PCs, etc.).
- 2) Use the Bluetooth connection function supported by the device to connect to the printer.
- 3) The printer can be connected to other stations, such as PDAs and PCs supporting Wireless Lan communication in Ad-hoc mode, Soft AP mode and AP in infrastructure mode.



- Refer to the Bluetooth & Wi-Fi Connection Manual for detailed information on its connection.
- You can check the Bluetooth environment (authentication, encryption, connection mode) and the Wireless Lan environment (IP, SSID, authentication, encryption) via the self-test page.

#### 2. Interface Cable Connection

- 1) Open the Interface Cap ①.
- 2) Connect the external communication cable ② to the cable port of the printer.
- 3) Connect the interface cable to the USB port of the device (PDAs, PCs, etc.).

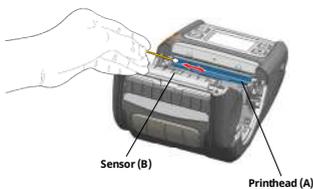


**!** The interface cable that can be connected to the printer is the Serial/USB Type-C® cable provided by BIXOLON (optional) or USB Type-C® cable supporting USB2.0.

## Product Specifications

Item	Description		
Printing Method	Direct Thermal Printing		
Printing Speed	Up to 127 mm/s (5 ips)		
Resolution	203 dpi		
Font	10 SLCs Resident Bitmap Fonts One SLCs Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts One BPL-Z™ Resident Scalable Font 7 BPL-C™ Resident Bitmap Fonts 23 Code Page		
	Unicode supported (UTF-8, UTF-16E, UTF-16BE)		
Barcode	1D: Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN extensions, UPC-A, UPC-E, IMB 2D: Aztec, Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC 39		
	Emulation: SLCs, BPL-Z™, BPL-C™		
Sensor	Gap Sensor, Black Mark Sensor, Media Cover Open Sensor, Peel-off Sensor		
Cutter Type	Tear-bar		
Language	User language supported		
Media	Media Form	Label media	Linerless media
	Media Type	Thermal Media	Thermal Media
	Diameter	Max. Ø66 mm (2.60 inch)	Max. Ø66 mm (2.60 inch)
	Width	25–80 mm (0.99–3.15 inch)	25–80 mm (0.99–3.15 inch)
	Thickness	0.07–0.19 mm	0.08 ± 0.01mm

## Printer Cleaning



- Turn off the printer and disconnect all cables from the product.
- Open the media cover and remove any media inside.
- Clean the printhead (A) using the cloth or cotton swab soaked in alcohol (for medical use).
- Using the cloth or cotton swab soaked in alcohol, remove the media dust from the black mark sensor (B). (Sensor could be located in the middle or on left or on right)
- Do not use the printer for one to two minutes after cleaning until the liquid has completely evaporated or dried.
- Insert the media and close the media cover.
  - The head is very hot while the printer is running.
  - When cleaning the head, be careful not to touch the heated part of the head with your hands.
  - The head may be damaged by static electricity, etc.
  - Be careful not to scratch the head.
  - Be sure to use only genuine linerless media supplied by Bixolon. Otherwise, post-sale support may not be available.
  - Be sure to turn off the power before you proceed with cleaning.
  - When using linerless media, clean the head periodically after using 4 rolls of media (100 m) or at least once a week. Otherwise, the product may fail and print quality may be compromised.

## WEEE



This marking shown on the product or its literature, indicates that it should not be disposed of with other household wastes at the end of its working life. To prevent possible harm to the environment or people from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

## Battery Safety Precautions

- If the battery is not charged after the charging time, stop charging and contact the seller.
- Store and use the battery where it will not come into direct contact with liquid (water, salt water etc.) as there may be a risk of overheating, rupturing or igniting.
- Avoid exposing the battery to high temperatures over 50 °C and do not store or use it in a place with high temperature and humidity. There may be a risk of overheating, rupturing or igniting. In addition, it may reduce the performance and life of the battery. There is a risk of explosion, especially when the battery is placed by a fire or stored near a heating device (e.g., heater, etc.).
- Be sure to only use an adapter or charger approved by us to charge the battery. Use of any other adapter or charger may reduce battery performance and life, or cause a risk of overheating, rupturing or igniting.
- Avoid causing any strong impact to the battery or throwing it. The protective device inside the battery may be damaged, which may reduce the battery performance and life, or there may be a risk of overheating, rupturing or igniting.
- Do not disassemble or modify the battery. The battery contains safety and protection devices to prevent danger. It may reduce battery performance and life due to damage, or there may be a risk of overheating, rupturing or igniting.

## Safety Precautions



### WARNING & CAUTION

Is described as death, physical injuries, serious financial losses, and damage to data etc. that can be caused to the user.

Do not connect multiple products to a single or faulty power outlet. Only use grounded power outlets that meet the industry standard. **Noncompliance may cause electric shock or fire.**



Only use authentic products from BIXOLON. **The company will not provide post-sale support for damaged or other quality issues that may take (or refurbished) products may incur.**



Do not excessively bend or strain the power cord. Securely push the power cord all the way into the power outlet. Make sure to hold the cord tight when separating it from the power outlet. Do not remove the power cord while the product is in use. **Noncompliance may cause electric shock or fire.**



Keep small accessories or other packaging materials away from young children. Beware of choking hazard. **Mishandling the product may incur injuries which may require seeking urgent medical attention.**



Keep excessive liquids away from the power cord and outlet. If matter is smeared onto the power cords, wipe with a dry cloth. **Noncompliance may cause electric shock or fire.**



Do not allow the product to be damaged by heavy objects. **Noncompliance may cause electric shock or fire.**



If the product emits a strange sound, burning smell, or smoke, turn off the power immediately and unplug the power cord. If the product is dropped or its exterior is damaged, turn off the power immediately and unplug the power cord. Do not subject the product to shock. **This could cause damage to the product or a fire.**



Install the product in a well-ventilated area by keeping it a certain distance from the wall. The product installed in certain places such as where a lot of fine dust is generated, where the temperature is too high or too low, where there is a lot of moisture or water, or in areas or stations that are used continuously for a long time may suffer serious quality problems due to the influence of the surrounding environment. An increase in internal temperature may occur. **Be sure to contact the place of purchase if you are unsure of product placement.**



Install the product in a fixed place preventing it from tipping over. When moving the product, turn off the power and disconnect all connected cables, including the power cord. **It may damage the product.**



Never independently disassemble, repair, or modify the product as the warranty will become invalid. **When repair is necessary, contact the original place of purchase.**



Do not let any foreign substances enter the product. Do not place heavy objects, liquids, or metals on the product. **This could cause damage to the product or a fire.**



If there is a problem with the product, please contact the original place of purchase or through BIXOLON website's product repair page (<http://www.bixolon.com>).

