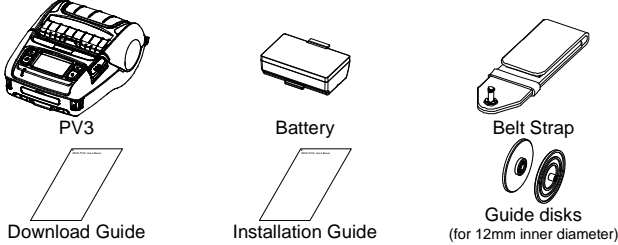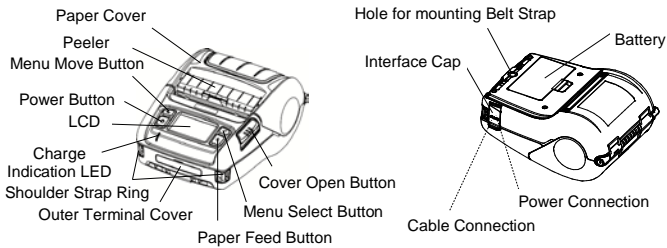## ◈ Information

This installation guide contains quick information required for the product installation.

We at SATO CORPORATION. maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. In following, product specifications and/or user manual content may be changed without prior notice.
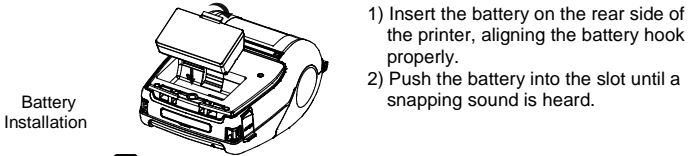
◈ Content Confirmation

PV3

Battery

Belt Strap

Download Guide

Installation Guide

Guide disks
(for 12mm inner diameter)

◈ Product Part Names

Paper Cover
Peeler
Menu Move Button
Power Button
LCD
Charge Indication LED
Shoulder Strap Ring
Outer Terminal Cover
Cover Open Button
Menu Select Button
Paper Feed Button

Hole for mounting Belt Strap
Battery
Interface Cap
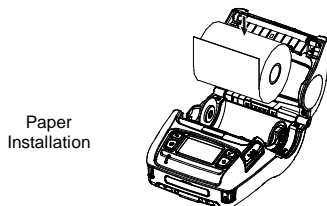Power Connection
Cable Connection

◈ Installation and Charging

Battery Installation

1) Insert the battery on the rear side of the printer, aligning the battery hook properly.
2) Push the battery into the slot until a snapping sound is heard.

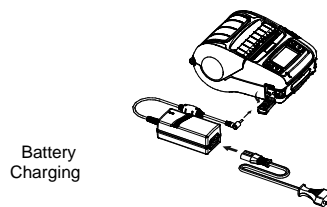**📝 Note**

As the battery is not charged at the time of purchase, charge the battery prior to product use. (Use the battery charger)

Paper Installation

1) Press the open button to open the paper cover.
2) Insert the paper as shown in the image.
   (Remove any remaining core of a fully used paper roll.)
3) Take care to align the paper correctly.
4) Pull the paper out and close the paper cover.
5) Tear off any excess paper in the direction of the side of the printer.

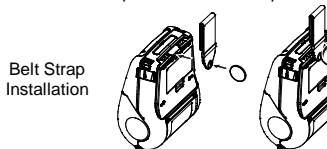**Battery Charging**

1) Turn off the printer power.
2) Connect the power cord to the battery charger, and the connect AC power.
3) Open the external interface cap in the direction of arrow.
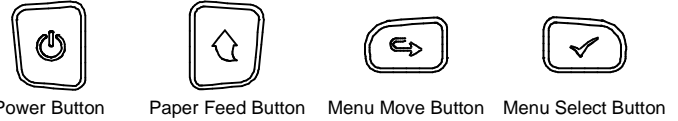4) Connect the AC/DC adaptor to the power connector.

📝 Note

The printer may incur serious damage If the AC/DC adaptor provided by SATO CORPORATION. is not used. SATO CORPORATION. is not legally liable for any such damage. (The voltage and electrical current specifications of the printer and battery charger must match.)

Belt Strap Installation

1) Insert the belt strap screw into the belt strap hole.
2) Use a coin to tighten the belt strap screw. As shown in the image.

◈ Control Panel Usage

Power Button   Paper Feed Button   Menu Move Button   Menu Select Button

• 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 the action selected in the menu is operated.

• Paper Feed Button

This button is used to feed the paper 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 paper.
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.
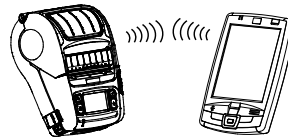
◈ Self-test

Run the self-test and check the setting information.

If no issue is found with the printer after running the self-test, examine the other devices or peripherals and software. This function is independent of such other devices and software.

• Self-Test Instructions
1) Turn the printer power on and go to the Information > System > Config Print 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.

📝 Note

Refer to the Bluetooth connection manual and Wireless LAN 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.

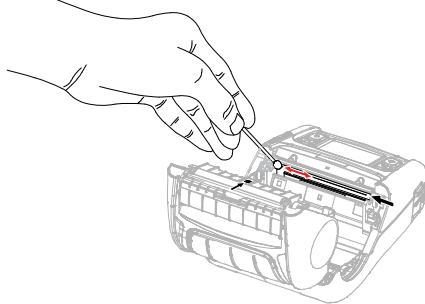| Item		Description
Printing	Printing Method	Thermal printing
	Printing Speed	Up to 5 ips
	Resolution	203 dpi
	Font	10 SLCS Resident Bitmap Fonts One SLCS Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts One BPL-Z™ Resident Scalable Font 7 BPL-C™ Resident Bitmap Fonts 23 Code Page Unicode supported (UTF-8, UTF-16LE, 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	Paper End Sensor, Black Mark Sensor, Paper Cover Open Sensor, Label Presence Sensor
	Cutter Type	Tear-bar
	Language	User language supported
Paper	Paper Form	Label paper
	Paper Type	Thermal Paper
	Diameter	Max. Ø66 mm (2.60")
	Width	25~80mm (0.99"~3.15")
	Thickness	0.07~0.15 mm

◆ **Printer Cleaning**

If the interior of the printer is dusty, print quality can decline.
In such a case, follow the instructions below to clean the printer.
• Make sure to turn the printer power off prior to cleaning.
• As the print head gets very hot during printing, if intending to clean the print head, turn the printer power off and wait approximately 10 minute before commencement.
• When cleaning the print head, take care not to touch the heated portion of the print head.
• The print head is susceptible to damage from static electricity, etc.
• Take care not to allow the print head to become scratched and/or damaged in any way.

1) Open the paper cover and remove any paper that may be present.
   Use the cloth or cotton swab soaked in alcohol for medical to clean the printer head in a direction from the center to the outside.
2) Wipe the print head with the cloth or cotton swab soaked in alcohol for medical.
3) Remove paper dust from the paper detection sensor using the cloth or cotton swab soaked in alcohol for medical.
4) Do not use the printer for 10 minutes after cleaning the printer head until the cleaning agent of the cloth or cotton swab soaked in alcohol for medical has completely evaporated and dried.
5) Insert the paper and then close the printer's cover.

◆ **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**

1. If the battery is not charged after the charging time, stop charging and contact the seller.
2. Store and use the battery where it will not come into contact with liquid (water, salt water, etc.). There may be a risk of overheating, rupturing or igniting.
3. Avoid exposing the battery to high temperatures over 50 ℃ 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.).
4. 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.
5. 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.
6. 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**

In using the present appliance, please keep the following safety regulations in order to prevent any hazard or material damage.

⚠ **WARNING**
Violating following instructions can cause serious injury or death.

Do not plug several products in one multi-outlet.
• This can provoke over-heating and a fire.
• If the plug is wet or dirty, dry or wipe it before usage.
• If the plug does not fit perfectly with the outlet, do not plug in.
• Be sure to use only standardized multi-outlets.
PROHIBITED

You must use only the supplied adapter.
• It is dangerous to use other adapters.
ONLY SUPPLIED ADAPTOR
PROHIBITED

Do not pull the cable to unplug.
• This can damage the cable, which is the origin of a fire or a breakdown of the printer.
PROHIBITED

Keep the plastic bag out of children's reach.
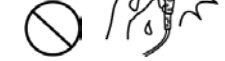• If not, a child may put the bag on his head.
PROHIBITED

Do not plug in or unplug with your hands wet.
• You can be electrocuted.
PROHIBITED

Do not bend the cable by force or leave it under any heavy object.
• A damaged cable can cause a fire.
PROHIBITED

⚠ **CAUTION**
Violating following instructions can cause slight wound or damage the appliance.

If you observe a strange smoke, odor or noise from the printer, unplug it before taking following measures.
• Switch off the printer and unplug the set from the mains.
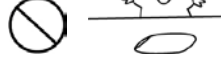• After the disappearance of the smoke, call your dealer to repair it.
TO UNPLUG PRINTER

Keep the desiccant out of children's reach.
• If not, they may eat it.
PROHIBITED

Install the printer on the stable surface.
• If the printer falls down, it can be broken and you can hurt yourself.
PRINTER
PROHIBITED

Use only approved accessories and do not try to disassemble, repair or remodel it for yourself.
• Call your dealer when you need these services.
• Do not touch the blade of auto cutter.
DISASSEMBLING PROHIBITED
PRINTER

Do not let water or other foreign objects in the printer.
• If this happened, switch off and unplug the printer before calling your dealer.
PROHIBITED
PRINTER

Do not use the printer when it is out of order. This can cause a fire or an electrocution.
• Switch off and unplug the printer before calling your dealer.
TO UNPLUG
PRINTER DEALER

◆ **SATO CORPORATION**

● **Website** http://www.satoworldwide.com
● **North America** http://www.satoamerica.com
● **Europe** http://www.satoeurope.com