

User's Manual SRP-350/352plusIII

Thermal Printer Rev. 1.00



http://www.bixolon.com

■ Safety Precautions

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

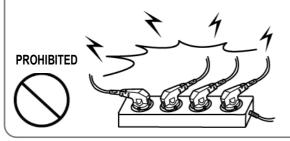


WARNING

Violating following instructions can cause serious injury or death.

Do not plug several products in one multi-outlet.

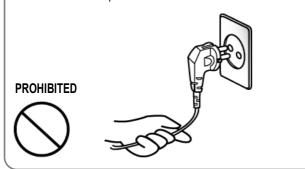
- · This can provoke over-heating and a fire.
- If the plug is wet or dirty, dry or wipe it before usage.
- If the plug does not fit perfectly with the outlet, do not plug in.
- Be sure to use only standardized multi-outlets.



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

Do not pull the cable to unplug.

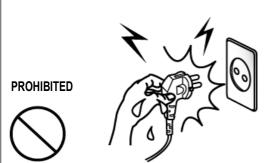
 This can damage the cable, which is the origin of a fire or a breakdown of the printer.





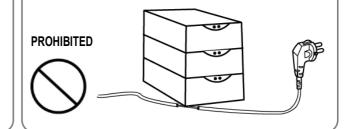
Do not plug in or unplug with your hands wet.

· You can be electrocuted.



Do not bend the cable by force or leave it under any heavy object.

• A damaged cable can cause a fire.





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





Keep the desiccant out of children's reach.

• If not, they may eat it.







Install the printer on the stable surface.

 If the printer falls down, it can be broken and you can hurt yourself.

PROHIBITED



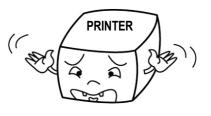


Use only approved accessories and do not try to disassemble, repair or remodel it for yourself.

- Call your dealer when you need these services.
- · Do not touch the blade of auto cutter.

DISASSEMBLING PROHIBITED





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





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





■ Warning - U.S.A

i) Class A Digital Device : Wired Device

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

ii) Class B Digital Device : Wireless Device

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- iii) Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Notice - Canada

i) Class A Digital Device: Wired Device

This Apparatus complies with class "A" limits for radio interference as specified in the Canadian department of communications radio interference regulations.

Get appareil est conforme aux normes class "A" d'interference radio tel que specifier par ministre canadien des communications dans les reglements d'interference radio.

ii) Class B Digital Device : Wireless Device

This Apparatus complies with class "B" limits for radio interference as specified in the Canadian department of communications radio interference regulations.

Get appareil est conforme aux normes class "B" d'interference radio tel que specifier par ministre canadien des communications dans les reglements d'interference radio.

Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer "OFF", before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer "OFF".

Waste Electrical and Electric Equipment (WEEE)



This marking shown on the product or its literature, indicates that is should not be disposed with other household wastes at the end of its working life, To prevent possible harm to the environment or human health 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.

■ Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Exposure to Radio Frequency Radiation.

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

Label Material

* Control Label: PC
* Other Labels: PET

■ Introduction to Product

SRP-350/352plusIII series printers have been designed to be connected to various types of electronic devices such as ECR (Electronic Cash Register), POS (Point Of Sales), and computer peripheral devices.

Major features of the printer are as follows.

- 1. Print at a max. speed of 300mm/s
- 2. Low noise thermal printing
- 3. Support of USB & Ethernet (built-in type), serial, parallel, POWERED USB, Wireless LAN, and Bluetooth interfaces
- 4. Built-in data buffer (data can be received and buffered while printing)
- 5. Control of external devices like cash registers through peripheral device drive circuit
- 6. Barcode
- 7. Support of various print density settings (by changing DIP switch settings)

It is advisable to read the contents of this manual carefully before using the printer for the first time.

W Use only authorized supplies that can be trusted!

- We are not responsible for quality and service for damage caused by the use of unauthorized products (or recycled ones).
- The following Bluetooth mark and QD ID B021701 is only applicable to models with the Bluetooth SIG qualification.



We at Bixolon Co., Ltd. constantly strive to improve product functions and quality. To do this, the specifications of our product and the contents of the manual may change without prior notice.

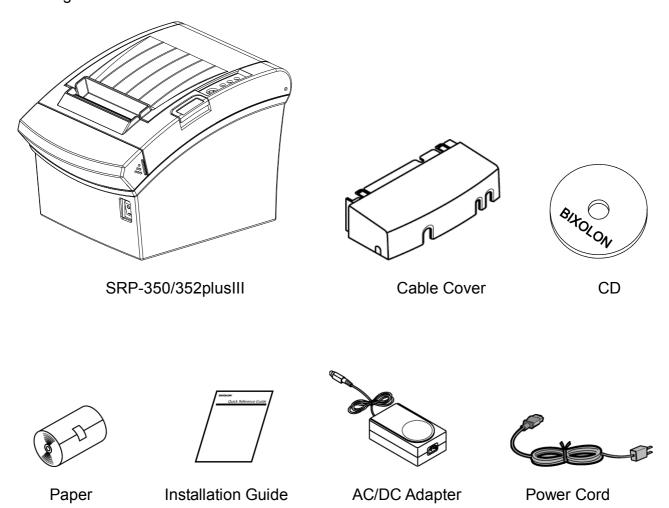
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1. Installing Printer and Getting Started

1-1 Unpacking

Check the following contents list, and contact your dealer for assistance if any item is missing or incorrect.



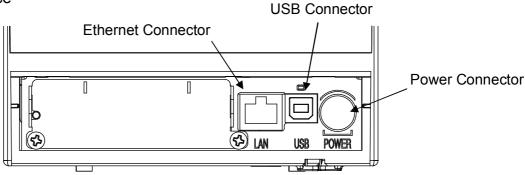
1-2 Interface

Connect the printer to the host computer using the right interface cable that complies with the specifications of the interface. The drawer to be used with the printer should meet the specifications of the printer.

***** Caution

Before connecting any cables, make sure that both the printer and the host are turned off.

1-2-1 USB Interface



| No. | Signal Name | Designation (Color) | Function |
|-------|--------------------|---------------------|----------------|
| Shell | Shield | Drain Cable | Frame Ground |
| 1 | VBUS | RED | Host Power |
| 2 | D- WHITE Data Line | | Data Line (D-) |
| 3 | D+ | GREEN | Data Line (D+) |
| 4 | GND | BLACK | Signal Ground |

1-2-2 Ethernet Interface

| Pint No. | Signal Name | Color | Function |
|----------|----------------|--------------|------------|
| 1 | TD+ | WHITE ORANGE | Transmit + |
| 2 | TD- | ORANGE | Transmit - |
| 3 | TCT | WHITE GREEN | Receive + |
| 4 | NC | BLUE | |
| 5 | NC | WHITE BLUE | |
| 6 | RCT | GREEN | Receive - |
| 7 | RD+ | WHITE BROWN | |
| 8 | RD- | BROWN | |

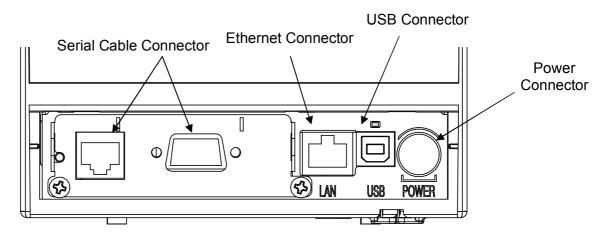
^{*} IP and MAC information can be obtained from the self-test. Refer to the Ethernet User's Manual that is available from the BIXOLON website for more detailed information.

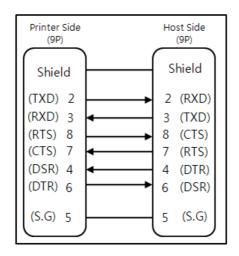
^{*} For using this interface in the Bluetooth or WLAN applied product, Printer wiring requires to use double shielded (Cat 7) Ethernet cable.

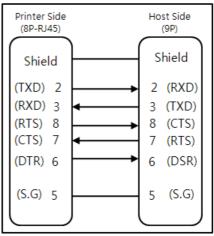
1-2-3 Serial Interface(RS-232C)

1-2-3-1 Single Interface **USB** Connector Serial Cable Connector **Ethernet Connector Power Connector** 0 0 (52) LAN USB **POWER** Host Side Printer Side Printer Side Host Side (25P) (25P) (25P) (9P) Shield Shield Shield Shield (TXD) 2 3 (RXD) (TXD) 2 2 (RXD) (RXD) 3 (RXD) 3 2 (TXD) 3 (TXD) (RTS) 4 5 (RTS) 4 8 (CTS) (CTS) (CTS) 5 4 (RTS) (CTS) 5 7 (RTS) (DSR) 6 20 (DTR) (DSR) 6 4 (DTR) (DTR) 20 (DTR) 20 6 (DSR) 6 (DSR) (S.G) 7 (S.G) (S.G) 7 (S.G)

1-2-3-2 Dual Interface

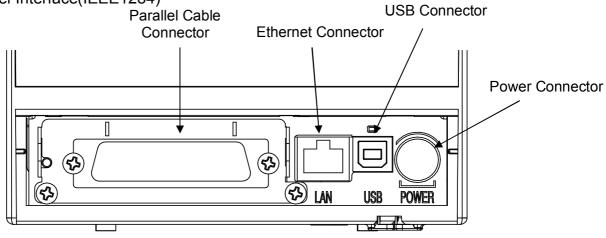






| Pin No. | Signal Name | Direction | Function | |
|---------|-------------|-----------|--|--|
| Main | Frame GND | ı | Frame Ground | |
| 2 | TXD | Output | Data Transmission | |
| 3 | RXD | Input | Data Reception | |
| 6 | DSR | Input | This signal shows whether the host computer can receive data (hardware flow control). 1) MARK (Logic 1): The host computer can receive data. 2) SPACE (Logic 2): The host computer cannot receive data. 3) After checking the signal in the printer, it transmits data to the host. 4) When XON/XOFF flow control is selected, the printer does not confirm this signal. | |
| 7 | Signal GND | ı | Signal Ground | |
| 20 | DTR | Output | This signal shows whether the printer works or not (hardware flow control). 1) MARK (Logic 1): Printer is working. 2) SPACE (Logic 2): Printer is not working. 3) After checking the signal in the printer, it transmits data to the host. 4) When XON/XOFF flow control is selected, the printer does not confirm this signal. | |
| Shield | Frame GND | | Frame Ground | |

1-2-4 Parallel Interface(IEEE1284)



| Pin No. | Source | Compatibility Mode | Nibble Mode |
|---------|--------------|--------------------|--------------------|
| 1 | Host | nStrobe | HostClk |
| 2 | Host/Printer | Data 0 (LSB) | - |
| 3 | Host/Printer | Data 1 | - |
| 4 | Host/Printer | Data 2 | - |
| 5 | Host/Printer | Data 3 | - |
| 6 | Host/Printer | Data 4 | - |
| 7 | Host/Printer | Data 5 | - |
| 8 | Host/Printer | Data 6 | - |
| 9 | Host/Printer | Data 7 (MSB) | - |
| 10 | Printer | Nack | PtrClk |
| 11 | Printer | Busy | PtrBusy /Data3,7 |
| 12 | Printer | Perror | AckDataReq/Data2,6 |
| 13 | Printer | Select | Xflag/Data1,5 |
| 14 | Host | nAutoFd | HostBusy |
| 15 | - | NC | NC |
| 16 | - | GND | GND |
| 17 | - | FG | FG |
| 18 | Printer | Logic-H | Logic-H |
| 19~30 | - | GND | GND |
| 31 | Host | nInit | nlnit |
| 32 | Printer | nFault | nDataAvail/Data0,4 |
| 33 | - | GND | ND |
| 34 | Printer | DK_Status | ND |
| 35 | Printer | +5V | ND |
| 36 | Host | nSelectIn | 1284-Active |

1-2-5 Wireless LAN Interface

1) Wireless LAN Communication Specifications

| Item | Specifications |
|-----------|---------------------------|
| Frequency | 2.412~2.484 GHz |
| Channel | Channel 1~13 |
| Protocol | 802.11b, 802.11g, 802.11n |

2) Connecting Wireless LAN

Printer can be connected to terminal devices with wireless LAN communication capability (PDA, PC, smartphone, tablet PC, etc.).

* Refer to the Wireless LAN Connection Manual for more detailed instructions about how to establish the connection.

1-2-6 Bluetooth Interface

1) Bluetooth Communication Specifications

| Item | Specifications |
|-------------|-------------------|
| Frequency | 2.402 ~ 2.480 GHz |
| Version | 2.1 + EDR |
| Module Type | Class 1 |

2) Bluetooth Connection

Printer can be connected to terminal devices with Bluetooth communication capability (PDA, PC, smartphone, tablet PC, etc.)

1-2-7 Powered USB Interface

| Pin No. | Signal Name | Function | |
|---------|-------------|-------------------|--|
| Shield | Shield | Prevent Noise | |
| 1 | PGND | Main Power Ground | |
| 2 | VPP24V | Main Power | |
| 3 | GND | Signal ground | |
| 4 | D+ | Data Line (D+) | |
| 5 | D- | Data Line (D-) | |
| 6 | VBUS | Host Power | |
| 7 | VPP24V | Main Power | |
| 8 | PGND | Main Power Ground | |

^{*} Refer to www.powered.org for detailed information related to the specifications of cable and connector.

^{*} Refer to the Bluetooth Connection Manual for more detailed instructions about how to establish the connection.

^{*} Do not apply SMPS 24V when using powered USB. (Powered USB uses its own power.)

^{*} USB communication is not available when using powered USB.

1-3 Drawer Cable



Connect the cash drawer connecting cable to the cash drawer connector located in the back of the printer.

*** Warning**

Use a cash drawer that meets the printer specifications.

Using an improper cash drawer may cause faults in the cash drawer and the printer.

***** Caution

Do not connect a telephone line to the drawer kick-out connector.

Otherwise, the telephone line and the computer may be damaged.

| Pin No. | Signal Name | Direction |
|---------|--------------------------------|-----------|
| 1 | Frame Ground | - |
| 2 | Drawer Kick-out Drive Signal 1 | Output |
| 3 | Drawer Open/Close Signal | Input |
| 4 | +24V | - |
| 5 | Drawer Kick-out Drive Signal 2 | Output |
| 6 | Signal Ground | - |

1-4 Setting Dip Switches

1-4-1 Serial Interface

• DIP Switch 1

| SW | Function | ON | OFF | Default |
|-----|---------------------|--------------------------------|----------|---------|
| 1-1 | Auto Line Feed | Enabled | Disabled | OFF |
| 1-2 | Flow Control | XON/XOFF | DTR/DSR | OFF |
| 1-3 | Data Length | 7-bit | 8-bit | OFF |
| 1-4 | Parity Check | Yes | No | OFF |
| 1-5 | Parity Selection | EVEN | ODD | OFF |
| 1-6 | Baud Rate Selection | | | OFF |
| 1-7 | | Refer to the following Table 1 | | ON |
| 1-8 | (bps) | | | OFF |

• DIP Switch 2

| SW | Function | ON | OFF | Default |
|-----|-------------------------|--------------------------------|----------|---------|
| 2-1 | Reserved | - | - | OFF |
| 2-2 | Reserved | - | - | OFF |
| 2-3 | Internal Bell Control | Disabled | Enabled | OFF |
| 2-4 | Auto Cutter Selection | Disabled | Enabled | OFF |
| 2-5 | Printing Density | Defer to the following Table 2 | | OFF |
| 2-6 | Printing Density | Refer to the following Table 2 | | OFF |
| 2-7 | Near End Sensor Control | Disabled | Enabled | OFF |
| 2-8 | Auto External Buzz | Enabled | Disabled | OFF |

1-4-2 Parallel / USB / Ethernet / Wireless LAN / Powered USB Interface

• DIP Switch 1

| SW | Function | ON | OFF | Default |
|-----|----------------|---------|----------|---------|
| 1-1 | Auto Line Feed | Enabled | Disabled | OFF |
| 1-2 | Reserved | - | - | OFF |
| 1-3 | Reserved | - | - | OFF |
| 1-4 | Reserved | - | - | OFF |
| 1-5 | Reserved | - | - | OFF |
| 1-6 | Reserved | - | - | OFF |
| 1-7 | Reserved | - | - | ON |
| 1-8 | Reserved | - | - | OFF |

• DIP Switch 2

| SW | Function | ON | OFF | Default |
|-----|-------------------------|--------------------------------|----------------|---------|
| 2-1 | Reserved | = | - | OFF |
| 2-2 | Reserved - | | - | OFF |
| 2-3 | Internal Bell Control | Disabled | Enabled | OFF |
| 2-4 | Auto Cutter Selection | Disabled | Enabled | OFF |
| 2-5 | Printing Density | Refer to the following Table 2 | | OFF |
| 2-6 | Printing Density | Refer to the for | lowing Table 2 | OFF |
| 2-7 | Near End Sensor Control | Disabled | Enabled | OFF |
| 2-8 | Auto External Buzz | Enabled | Disabled | OFF |

1-4-3 Bluetooth Interface

• DIP Switch 1

| SW | Function | ON | OFF | Default |
|-----|----------------|---------|----------|---------|
| 1-1 | Auto Line Feed | Enabled | Disabled | OFF |
| 1-2 | Reserved | - | - | OFF |
| 1-3 | Reserved | - | - | OFF |
| 1-4 | Reserved | - | - | OFF |
| 1-5 | Bluetooth mode | iOS | Normal | OFF |
| 1-6 | Reserved | - | - | OFF |
| 1-7 | Reserved | - | - | ON |
| 1-8 | Reserved | - | - | OFF |

• DIP Switch 2

| SW | Function | ON | OFF | Default |
|-----|-------------------------|---|--------------------------------|---------|
| 2-1 | Reserved | - | - | OFF |
| 2-2 | Reserved | - | - | OFF |
| 2-3 | Internal Bell Control | Disabled | Enabled | OFF |
| 2-4 | Auto Cutter Selection | Disabled | Enabled | OFF |
| 2-5 | Drinting Density | Printing Density Refer to the following Table 2 | | OFF |
| 2-6 | Printing Density | Refer to the for | Refer to the following Table 2 | |
| 2-7 | Near End Sensor Control | Disabled | Enabled | OFF |
| 2-8 | Auto External Buzz | Enabled | Disabled | OFF |

• Table 1 – Baud rate (bps) Selection

| tallet = = alara tallet (a po) = alara tallet | | | | |
|---|-----|-----|-----|---------|
| Transmission Speed | 1-6 | 1-7 | 1-8 | Default |
| 2400 | ON | OFF | OFF | |
| 4800 | ON | OFF | ON | |
| 9600 | OFF | ON | OFF | |
| 19200 | OFF | OFF | OFF | 9600 |
| 38400 | OFF | ON | ON | |
| 57600 | OFF | OFF | ON | |
| 115200 | ON | ON | ON | |

• Table 2 - Print Density Selection

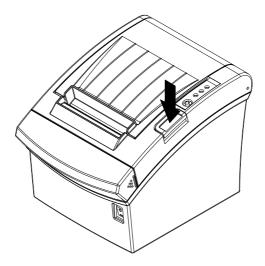
| Printing Density | 2-5 | 2-6 | Default |
|------------------|-----|-----|--|
| Level 1 | OFF | OFF | |
| Level 2 | ON | OFF | Level 1 is default |
| Level 3 | OFF | ON | Level 4 darkest |
| Level 4 | ON | ON | |

1-5 Installing & Replacing Paper

***** Caution

Be sure to use paper rolls that meet the specifications. Do not use paper rolls that have the paper glued to the core because the printer may not detect the paper end correctly.

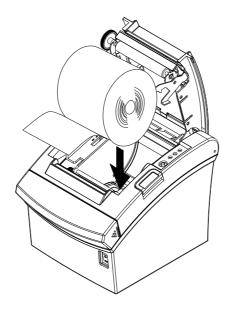
- 1-5-1 Make sure that the printer is not receiving data; otherwise, data may be lost.
- 1-5-2 Open the paper roll cover by pressing the Cover-Open button.



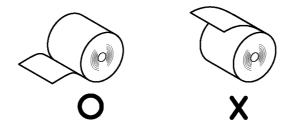
Caution

Do not open the print cover while the printer is operating, otherwise the printer may be damaged.

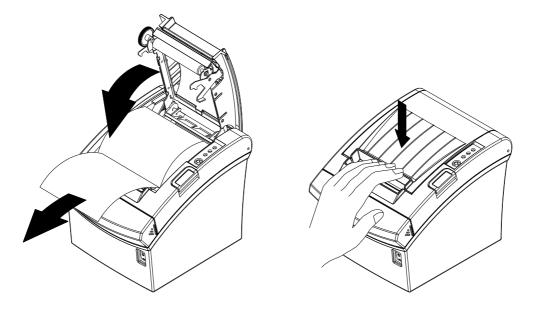
- 1-5-3 Remove any existing used paper roll core when replacing the paper roll
- 1-5-4 Insert the paper roll as shown in the following picture.



1-5-5 Check the orientation of the roll paper when inserting it into the printer.



1-5-6 Pull out a small amount of paper as shown in the picture, and close the cover.



***** Caution

When closing the cover, hold down the center of printer cover firmly so that paper roll is loaded correctly.

1-5-7 Cut the paper as shown in the following picture.



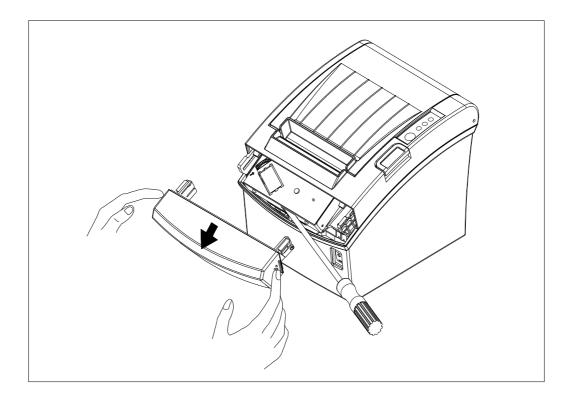
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1-6 Removing Paper Jam

- 1-6-1 When a paper jam occurs, turn the printer off and then back on, open the cover, and remove the jammed paper.
- In case of a minor jam, it may be possible that the operating blade returns to the original position and cover can be opened simply by turning the printer off and then back on.

Follow the steps shown below if the cover does not open after power cycling.

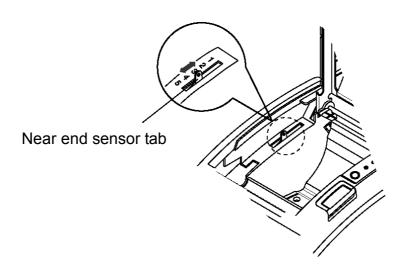
- 1-6-2 Turn the printer off.
- 1-6-3 Separate the cover-cutter while pressing down both sides as shown in the following picture.
- 1-6-4 Turn the knob and insert the blade that sticks out using a cross-head screwdriver as shown below.
- 1-6-5 Press the Cover-Open button, open the cover, remove the jammed paper, and assemble the separated COVER-CUTTER.
- 1-6-6 Turn the printer on and use it.



1-7 Adjusting Paper Near-end Sensor Setting

SRP-350/352plusIII Series printer has built-in near-end sensors that provides an alarm signal when the paper has run almost to the end. SRP-350/352plusIII Series can be configured as wall mounted or desktop operation and the settings of the paper near-end sensor should be adjusted accordingly.

Adjust the near end sensor tab to either side so that the near end sensor is set properly for wall mounted or desktop operation.



1-8 Using Printer Functions

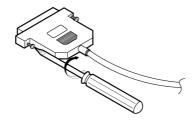
Control Panel

| | O POWER |
|-------|--|
| Power | Green light will be on when the power is supplied to printer. |
| 0 | ○ ERROR |
| Error | Red light will be on in various error conditions (e.g. no paper, cover open, etc.) |
| Paper | |
| 0 | O PAPER |
| | Red LED will be lit when the paper roll is running low. The LED keeps |
| Feed | blinking when the printer is in self-test standby mode or macro execution |
| | standby mode. |
| | ○ FEED |
| | Press the FEED button once to feed out extra paper. Hold down |
| | the FEED button to feed the paper continuously until the button is |
| | released |

1-9 Connecting a Computer

Use the cable that comes with the printer to connect the printer to computers.

- 1-9-1 Plug the cable connector securely into the printer's interface connector located in the back of the printer.
- 1-9-2 Tighten the screws on the cable connector.



1-9-3 Attach the other end of the parallel cable to the computer.

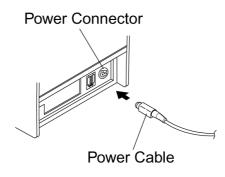
1-10 Connecting Power Supply

Caution

When connecting or disconnecting the power supply to and from the printer, make sure that the power supply adapter is unplugged from the electrical outlet. Otherwise you may damage the power supply or the printer.

If the power supply's rated voltage and your outlet's voltage do not match, do not plug in the power cord and contact your dealer for assistance. Otherwise, you may damage the power supply or the printer.

- 1-10-1Make sure that the printer's power switch is turned off, and the power supply's power cord is unplugged from the electrical outlet.
- 1-10-2 Check the label on the power supply to make sure that the voltage required by the power supply matches that of your electrical outlet.
- 1-10-3 Plug in the power supply's cable as shown below. Notice that the flat side of the plug faces down.



* Note

If you want to remove the power cord, grab the arrow part of the connector securely and pull it straight out.

2. Self-Test

The self-test checks whether the printer has any problems. If the printer does not function properly, contact your dealer. The self-test procedure is as follows:

- 2-1 Make sure paper roll has been installed properly.
- 2-2 Turn on the power while holding down the FEED button and the self-test begins.
- 2-3 The self-test prints the current status of the printer including control ROM version and the DIP switch settings.
- 2-4 After printing the current printer status, the printer wait for the next step after printing the following lines. (The paper signal light keeps blinking.)

SELF-TEST PRINTING. PLEASE PRESS THE FEED BUTTON.

- 2-5 Press the FEED button to continue printing. The printer prints a form using the built-in character sets that can be printed.
- 2-6 The self-test ends automatically and the printer cuts the paper after printing the following line.

*** COMPLETED ***

2-7 The printer is ready to receive data for normal operation upon completion of self-test operation.

3. Hexadecimal Dumping

This function allows experienced users to see exactly what data is coming to the printer. This can be useful in finding software problems. When you turn on the hexadecimal dump function, the printer prints all commands and data in hexadecimal format along with a guide section to help you find specific commands.

To use the hexadecimal dump function, follow these steps.

- 3-1 After making sure that the printer is off, open the cover.
- 3-2 Turn the printer on, while holding down the FEED button.
- 3-3 Close the cover, and then the printer enters the hexadecimal dump mode.
- 3-4 Select the hexadecimal printing function in the mode selection menu to move to the hexadecimal printing mode.
- 3-5 Run any software program that sends data to the printer.
 The printer will print all the codes it receives in a two-column format.
 The first column contains the hexadecimal codes and the second column gives the ASCII characters that correspond to the codes.

```
1B 21 00 1B 26 02 40 40 40 40 .!..&.@@@@
02 0D 1B 44 0A 14 1E 28 28 28 ...D....(((
00 01 0A 41 0D 42 0A 43 43 43 ...A.B.C.C.C
```

- A period (.) is printed for each code that has no ASCII equivalent.
- During the hex dump, all commands except DLE EOT and DLE ENQ are disabled.
- 3-6 When the printing finishes, turn off the printer.
- 3-7 Turn on the printer and then the hexadecimal mode is off.

4. Specifications

| Printing Method | | Thermal transfer printing | |
|--|----------------------|--|--|
| Dot Density | | SRP-350plusIII: 180 dpi (7dots/mm) | |
| | | SRP-352plusIII: 203 dpi (8dots/mm) | |
| Printing Width | | 72 mm | |
| Roll Width | | 79.5±0.5 mm | |
| No. of Characters per Line (Default Value) | | SRP-350plusIII : 42 (Font A), 56 (Font B), 56 (Font C) SRP-352plusIII : 48 (Font A), 64 (Font B), 64 (Font C) | |
| Printing Speed | | Max. 300 mm/sec | |
| Receiving Buffer | Size | 4K bytes | |
| Note Printing speed may become slightly slower of and the combination of commands. | | depending on the data transmission speed | |
| | SMPS Input Voltage | 100~240 VAC | |
| Supply Voltage | Frequency | 50/60 Hz | |
| | SMPS Output Voltage | 24 VDC | |
| Environment Condition | Temperature | Operating: 0 ~ 45 °C Storage: -20 ~ 60 °C | |
| | Humidity | Operating: 10 ~ 80 % RH Storage: 10 ~ 90 % RH Paper excluded | |
| Life Span | Printer Head *) | 150 Km | |
| Life Span | Auto Cutter | 1,800,000 cuts | |
| MCBF | Printer Mechanism *) | 70,000,000 lines | |

^{*)} The specifications were determined based on operation at normal temperature using designated paper on default settings. They are subject to change depending on temperature or printing level.

^{*)} The specifications were tested according to standard reliability. If you want to test the product to determine its life cycle, please contact us for more details and comply with the standard reliability for testing.

^{*} These values may vary with environment temperature, printing level, etc.

^{*} The switch is the disconnecting device. Turn off switch from any hazard.

5. Appendix

5-1 Cleaning Printer

Paper dust inside the printer may lower the print quality. In this case clean the printer as follows:

- 5-1-1 Open the printer cover and remove any paper.
- 5-1-2 Clean the print head with a cotton swab moistened with alcohol solvent.
- 5-1-3 Clean the platen roller and paper end sensor with cotton swab moistened with water.
- 5-1-4 Insert a paper roll and close the printer cover.

The remaining amount of paper detected by paper near-end sensor varies with the diameter of the paper core. To set the paper near-end sensor, contact your dealer.