Oracle MICROS Hardware

BIXOLON®

SRP-275III Impact Printer Installation Guide

◆ Components

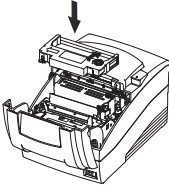Ribbon Cartridge   Paper Roll

SRP-275III   AC/DC Adaptor
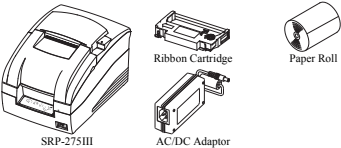
◆ Connecting the cables

1. Turn off the printer and the host ECR (host computer).
2. Plug the power cord into the Adaptor, and then plug the Adaptor into the power connector of the printer.
3. Check the interface cable (Serial, Parallel, USB, or Ethernet), and connect the interface connector cable accordingly.
4. Plug the drawer kick-out cable into the drawer kick-out connector on the printer.

※ **Do not use an adapter that was not supplied with the printer.**

Adaptor

Power connector

Drawer kick-out connector

Interface connector

Power cord

Drawer kick-out cable

Interface cable (Serial/Parallel/USB/Ethernet)
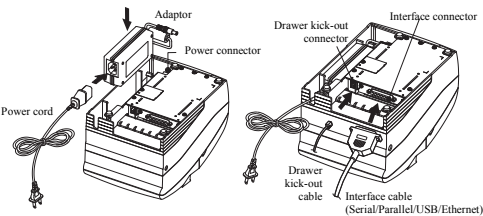
◆ Installing the Ribbon Cartridge

1. Before inserting the ribbon cartridge, turn the knob clockwise to prevent twisting of the ribbon.
2. Open the front cover of the printer and remove the old ribbon cartridge, if any.

3. Insert the ribbon cartridge as shown in the figure so that the ribbon is aligned to the rear of the printer head.
4. To allow the ribbon to move freely within the cartridge when inserting the ribbon cartridge, turn the knob clockwise once more.
5. Close the front cover of the printer.

※ **Note**
Using unauthorized ribbon cartridges may result in poor printing quality or malfunction and will void the warranty. Refer to the product specifications in this guide to learn more about the ribbon cartridge.

◆ Installing the Paper Roll

1. Open the rear cover.
2. Insert a new paper roll, making sure to align it properly.
3. Pull out a small amount of paper, and close the cover.
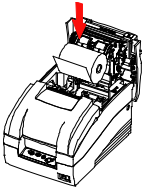
◆ Configuring the IP Address

To set the IP address when using the Ethernet interface, you must use the Bixolon *Net Configuration Tool*. You can download the Bixolon *Net Configuration Tool* and accompanying documentation from the following locations:

SRP-275III Downloads: https://www.bixolon.com/download_view.php?idx=26
User Guide: https://www.bixolon.com/_upload/manual/Manual_SRP-275III_user_english_Rev_1_02.pdf

◆ Using the Operation Panel

PAPER OUT   ERROR   POWER   FEED
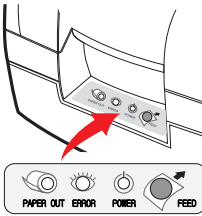
• FEED (Feed button)
Press the FEED button once to discharge extra paper. Holding down the FEED button will discharge paper continuously until the button is released.
• POWER (Power, Green LED)
When turning on the power, a green LED will be lit.
• ERROR (Error, Red LED)
When an error occurs, a red LED will be lit. (e.g. no paper, cover ajar, etc.)
• PAPER OUT (Out of paper, Red LED)
The paper LED will be red when the paper roll is running low. If there is no paper left, the paper LED will be on together with 'Error' LED.

◆ Setting the DIP Switches

Changing Dip Switch settings must be done when the printer is off. Any changes done while the printer is on will not be processed.

• DIP Switch 1

SW	Function	ON	OFF	Default
1-1	Emulation	Refer to the following table 1		OFF
1-2				
1-3	Auto Cutter	Enable	Disable	ON
1-4	Compatible with SRP-275	Enable	Disable	OFF
1-5	Serial Interface	Memory Switch	DIP Switch	OFF
1-6	Printing NV bit image after cutting	Enable	Disable	OFF
1-7	Near-End Sensor Status	Enable	Disable	ON
1-8	Printing column	42	40	OFF

• DIP Switch 2 (RS232C Serial Interface Model)

SW	Function	ON	OFF	Default
2-1	Data Receive Error	Ignore	Print "?"	OFF
2-2	Black Mark Sensor	Enable	Disable	OFF
2-3	Handshaking	XON/XOFF	DTR/DSR	OFF
2-4	Data Length	7 bits	8 bits	OFF
2-5	Parity Check	Enable	Disable	OFF
2-6	Parity Selection	EVEN	ODD	OFF
2-7	Baud Rate Selection	Refer to the following table 2		OFF
2-8				OFF

• DIP Switch 2 (Parallel Interface Model)

SW	Function	ON	OFF	Default
2-1	Auto Line Feed	Enable	Disable	OFF
2-2	Black Mark Sensor	Enable	Disable	OFF
2-3-8	Undefined			OFF

(1) DIP Switch setting for Citizen (iDP 3550) Mode
• DIP Switch 1

SW	Function	ON	OFF	Default
1-1	Emulation	Refer to the following table 1		OFF
1-2				
1-3	Auto Cutter	Enable	Disable	OFF
1-4	CBM command	CBM2 Mode (iDP3530 System)	CBM1 Mode (iDP3540 System)	OFF
1-5	International Character	Refer to the following table 3		ON
1-6				
1-7				
1-8	CR Mode	CR	CR+LF	OFF

• DIP Switch 2 (RS232C Serial Interface Mode)

SW	Function	ON	OFF	Default
2-1	Data Length	8bits	7bits	ON
2-2	Parity Check	Disable	Enable	ON
2-3	Parity Selection	ODD	EVEN	ON
2-4	Handshaking	DTR/DSR	XON/XOFF	ON
2-5	Baud Rate Selection	Refer to the following table 2		OFF
2-6				
2-7	Near-End Sensor Status	Enable	Disable	OFF
2-8	Mechanism Type	Graphic	Text	OFF

(2) DIP Switch setting for Star (SP500) Mode
• DIP Switch 1

SW	Function	ON	OFF	Default
1-1	Emulation	Refer to the following table 1		OFF
1-2				
1-3	Auto Cutter	Enable	Disable	OFF
1-4	Printing in Black/Red	Enable	Disable	OFF
1-5-8	Reserved			OFF

• DIP Switch 2 (RS232C serial interface model)

SW	Function	ON	OFF	Default
2-1	Reserved			OFF
2-2				
2-3	Handshaking	XON/XOFF	DTR/DSR	OFF
2-4	Data Length	7bits	8bits	OFF
2-5	Parity Check	Enable	Disable	OFF
2-6	Parity Selection	EVEN	ODD	OFF
2-7	Baud Rate Selection	Refer to the following table 2		OFF
2-8				OFF

• Table 1 – Emulation Selection

Emulation	1-1	1-2
BXL/POS	OFF	OFF
BXL/POS-KP	ON	ON
STAR	OFF	ON
CITIZEN	ON	ON

- *BXL/POS-KP (Kitchen Printer Mode): Buzzer will sound when the automatic cutting function is activated or paper is low.*

• Table 2 – Transmission Speed (bps) Selection

Transmission	Setting		Citizen Mode	
	2-7	2-8	2-5	2-6
2400	ON	ON	ON	ON
4800	OFF	ON	OFF	ON
9600	OFF	OFF	OFF	OFF
19200	ON	OFF	ON	OFF

• Table 3 – International Language Selection

Country	DSW1-5	DSW1-6	DSW1-7	Code Page
U.S.A	ON	ON	ON	Page 0 (PC437 : USA)
France	OFF	ON	ON	
Germany	ON	OFF	ON	Page 2 (PC850 : Multilingual)
U.K	OFF	OFF	ON	
Denmark	ON	ON	OFF	Page 5 (PC865 : Nordic)
Sweden	OFF	ON	OFF	
Italy	ON	OFF	OFF	Page 2 (PC850 : Multilingual)
Windows Code	OFF	OFF	OFF	Windows Code

◆ Self-Test

1. Turn the printer off and close the rear cover.
2. While holding down the FEED button, turn on the printer and continue to hold until the paper begins to feed. The self-test begins to print the printer settings and cuts the paper and pauses. (ERROR lamp will be on.)
3. Press the FEED button to print the rolling ASCII pattern.
4. When the rolling ASCII pattern is printed, the self-test mode automatically ends.

※ Note
The self-test lets you know if your printer is operating properly. It checks the print quality, ROM version, and DIP switch settings.

◆ WEEE (Waste Electrical and Electric Equipment)

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.

☎ BIXOLON Co., Ltd.

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Oracle MICROS

● **Website** https://www.oracle.com/industries/micros/

● **Customer Support** https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to recreate
- Exact error message received
- Screenshots of each step you take

◆ 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 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.

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.
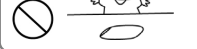- Switch off the printer and unplug the set from the mains.
- After the disappearance of the smoke, call your dealer to repair it.

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.

PROHIBITED   PRINTER

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

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