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1. Manual Information

This Bluetooth Connection Manual provides information on the connection of Bluetooth-enabled devices (PDAs, PCs, etc.) with the printer.

We at BIXOLON 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.

2. Precautions

2-1 To connect the printer with another device via Bluetooth, the devices must be within 100m of one another. The connection is broken if the distance between devices exceeds 100m.

2-2 The maximum separating distance may be shortened if transmission obstacles, such as cement walls, are present.

2-3 If a device (such as a microwave oven, wireless LAN, etc.) that uses the same frequency is present, transmission may be interrupted. Separate the printer and Bluetooth-enabled device from such interrupting devices by a distance of at least 5m.

3. Normal(Windows/Android) Mode Setting

3-1 Set-up by printer

1. Turn off the printer power.
2. Remove the screw on the bottom of the printer and open the bracket.
3. Flip the DIP switches using tweezers or another narrow-ended tool.
4. Normal mode is available to be changed by setting the DIP switch.
   When the DIP switch is OFF, Normal mode is enabled. When the DIP switch is ON, Normal mode is disabled.
5. The new setting takes effect when you turn on the printer.

Caption: Always change DIP switch settings only when the printer is turned off. Change made with the power on have no effect and then on again.
3-2 Normal Mode Setting Dip Switch Number

<table>
<thead>
<tr>
<th>PRINTER MODEL</th>
<th>Normal Mode Setting Dip Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRP-350I/OBE/OBEi</td>
<td>No. 8</td>
</tr>
<tr>
<td>The other models</td>
<td>No. 1-5</td>
</tr>
</tbody>
</table>

3-3 Normal mode check

(1) BGT-100P/BGT-102P

1) Turn on the printer and wait 10 or more seconds until the Green LED on.
2) Push the function switch

3) Normal mode is enabled if “OS MODE” printed “NORMAL” at the paper.

![Function switch]

[Bluetooth Configuration]
- Device Name: BGT-10xP
- PIN Code: 0000
- OS Mode: Normal (Android/Windows)

(2) The other models

1) Implement self-test
2) Normal mode is enabled if “OPERATING MODE” printed “Normal” at the paper.

```
BLUETOOTH SETTING
BLUETOOTH F/W VERSION: 1.x.xx
DEVICE NAME: SRP-xxxxx
OPERATING MODE: NORMAL
AUTH. & ENCRY: ENABLE
CONNECTION MODE: 2
```
4. General Sequence for Bluetooth Connections

Bluetooth connection methods vary by device. The following is the general sequence for Bluetooth connections, provided for reference purposes.
(Please check to the Normal Mode setting Dip Switch if Dip Switch is off before turn on the Printer.)

4-1 Turn on power of each device.
   - PDAs, PCs(Bluetooth Dongle), Printers, etc.

4-2 Run a Bluetooth connection program on the PDA or PC.

4-3 Search for the peripheral with which to establish the connection.
   - Search for the printer.

4-4 Register this Printer form the search results.
   - If a security setting is enabled, register after entering the PIN Code.
     (PIN Code = Pass Key: password of the Bluetooth device, Default code: 0000)

4-5 Test the connection.
   - When connected, confirm the designated COM port of fixed COM port and print.
5. Bluetooth Connection Instructions

This manual has described the SRP-350IIOBE/OBEi and focuses on the use of the following devices.

Please use this manual as a guide when using devices other than those listed here.
- HP PDA (Device: iPAQ hx2700, OS: Windows Mobile 5.1.1702)
- Bluetooth Dongle (BlueSoleil IVT Stack)
- Bluetooth Dongle (Widcomm Stack)
- SHV-E250S (Android Mobile Phone)

After turning on the power of all Bluetooth devices, perform the connection process.
- PDAs, PCs (Bluetooth Dongle), Printers, etc.

5-1 Connecting with an HP PDA (Device: iPAQ hx2700, OS: Windows Mobile 5.1.1702)

1) To run Bluetooth, first click the icon at the lower right of the screen.

2) Click the Bluetooth logo button to activate the Bluetooth function.
3) When activated, the Bluetooth button turns green. Click the “Manager” button to connect to the printer.

4) Click “New”.

5) Click “Explore a Bluetooth device”.

6) Click the printer icon from the Bluetooth devices displayed in the search results.
7) Select “Serial Port Profile” and click “Next”.

8) Click “Finish”.

9) The printer shortcut is produced.

10) Clicking the shortcut for 2 seconds brings up the function folder. Click “Connect”.
11) The Pass Key window appears. (if the printer security function is enabled.)

12) Input the Pass Key and click "Enter". (Default Pass Key: 0000)

13) The shortcut changes to show a green indicator as shown below.
5-2 Connecting with Bluetooth Dongle (BlueSoleil IVT Stack)

1) After purchasing Bluetooth Dongle, insert the CD in the PC and install BlueSoleil.

2) Connect Bluetooth Dongle to the USB port of the PC.

3) Click the BlueSoleil icon on the PC screen top.

4) Click the red sphere at the center of the BlueSoleil main screen.

5) If you attempt searching for Bluetooth devices, the device’s MAC address is displayed.

After a while, Mac address is automatically changed the device name.
6) Click right button of the mouse above the “Printer Icon” and select the “Pair Device”.

7) Enter the PIN Code in the Bluetooth Pass Key window. (Default Pass Key: 0000)

8) If the Pass Key (PIN Code) is correct and pairing is completed, a green check symbol appears next to the printer icon.
9) Click right button of the mouse above the “printer icon” and select “Connect -> Bluetooth Serial Port Service”.

10) When the connection is established, the icon turns green and a dotted line appears as shown in the image below and then the message pictured below appears at the bottom right of the PC screen.
5-3 Connecting with Android Mobile Phone

1) Select the (settings) icon.

2) Select Bluetooth

3) Select the printer to connect.

4) Enter PIN. (Default: 0000)
5) If pairing step finished
Bluetooth communication is available.