Desktop POS Printer

Bluetooth Connection Manual

Rev.1.1

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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 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 10m of one another. The connection is broken if the distance between devices exceeds 10m.

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

3. BT Information on Self-Test Page

Information on	Remark
self-test page	nemark
BT Varsian: 25a, r1590	I435e indicates the BT module.
BI VEISIOII. 556_11589	R1589 indicates the version of BT program.
BT Name: BT Printer	"BT Printer" will be shown in your main devices when it is connected successfully with
Di Rune: Di Finitei	the printer via Bluetooth.
Simple Pairing: Enable	• This can be set in utility tool, refer to the detail on page 18 of this manual.
	 When enable the "simple pairing", the password is unnecessary for the BT
	connection between host device and printer; When disable the "simple pairing", the
BT Password: NONE	password which could be obtained from the self-test page should be input for the BT
	connection.
BT Sucmask: 1010	Indicates the BT service number.
DI SVCIIIASK. 1010	(Currently applicable only to POS80D/POS80E/POS80AB/POS582W)
Applet Wechat: Enable	Applet Wechat can be used. (Currently applicable only to POS80D/POS80E/POS80AB/POS582W)
	The printer can be connected with multiple main devices at the same time via
BT Multiconn [.] Enable	Bluetooth (7 devices with Android system and 1 device with IOS system can be
	connected with the printer via BT at the same time.)
	(Currently applicable only to POS80D/POS80E/POS80AB/POS582W)
BluetoothID:	When there are more than one printers with BT function available for connection, you
00:15:83:B9:3C:0D	can identify the printer that needs to be connected by checking the Bluetooth ID.

Following information is an example from the self-test page of a printer:

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.

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)

- You can check the Bluetooth pairing password through self-inspection by printed page view.

(Refer to the user's manual for more detail)

5. Bluetooth Connection Instructions

5.1 Bluetooth - Utility Tool

1. Turn on the printer.

2. Turn on the main device and turn on the Bluetooth function. The Bluetooth icon will show at the lower right of the screen. (If the main device is not configured with Bluetooth function, you need to insert a Bluetooth Dongle into its USB connector.)



3. Right click the icon, choose "Add a Bluetooth Device".



4. Choose "Bluetooth", wait until the show is ready for Bluetooth pairing. Choose the right model then click "Pair", if the printer has a password enter the password for pairing. (The password can be obtained from the self-test page of printer)



Enter the passcode for your printer

Enter the p	basscode for your printer
	You might need to enter the same passcode into the printer.
	<u>N</u> ext Cancel

5. The paired connection is successfully displayed as shown below.



6. Under the "Devices and Printers", you can see the corresponding Bluetooth icon.



7. Right click the Bluetooth icon, and choose "Properties".





BT Printer Model: Bluetooth Peripheral Device Category: Printer Status: Device setup in progress 8. In the BT Printer properties, choose "Services", you can find COM3, that is connected to the Bluetooth port.

BI Printer Properties					
General	Hardware	ervices Bluetooth			
*	This Bluetoo service, sele	th device offers the ect the check box.	following services. To	use a	
Bluet	ooth Services				
S 🖸	erial port (SPP)	'SerialPort'	COM3		

- 9. Install the Utility Tool on the main device. (Please refer to the Utility Tool Instruction.)
- 10. Open the printer utility, and click "Modify Printer".

Printer List:	
OS80D USB POS80D	Add Printer
	Modify Printer
	Moonly Printer
	Delete Printer
	Connection Test
Functions	
Printer Test	Command Test
Manage Images	Download Image In Compatible Mode
Code Page Setting	Download Fonts
Parameter Setting	Advanced Settings

11. Choose the "Printer driver", for example, "TP801"; Choose "COM" for "Port type"; select the same port "COM3" (refer to "8." in chapter 5.1) for "System Port", then click "OK".

ortInfo		
Port type: (COM	~
System Port:	СОМЗ	~
Baud rate:	115200	~
Parity:	None	~
Stop Bits:	1	~
Notes:		

12. Click the "Connection Test".

Printer Utility Version 1.2.3.25	- 0)
Select Language Help	
Printer List:	
OS80D COM COM3,BaudRate_115200,Noi	Add Printer
	Modify Printer
	Delete Printer
	Connection Tes
Functions	
Printer Test	Command Test
Manage Images	Download Image In Compatible Mode
Code Page Setting	Download Fonts
Parameter Setting	Advanced Settings

13. The printer is successfully connected through Bluetooth.



14. Click "Advanced Settings".

OS80D COM COM3,BaudR	ate_115200,No	ne,One	Add Printer
			Modify Printer
			Delete Printer
			Connection Tes
Functions			
Printer Test .		Commar	d Test
Manage Imag	es	Download Compatibl	Image In e Mode
Code Page Sett	ting	Downloa	d Fonts
Parameter Sett	ting	Advanced S	ettings

15. Click "Bluetooth Setting".



16. User can type a new Bluetooth name and password in the following window, click "set", and restart the printer to take effect of the setting.

Bluetooth Nama.	BT Printer	(<=10 ASCII Chars
Didetootit Mame.	bi iiiiitei	
Password:	0000	(4 Numeral)
🖂 Simple Pairin	ng	
	Set	Close
		x
	at instal	x
	at from	×
Setting suc	cess! Please resta	rt the printer!
Setting suc	cess! Please resta	rt the printer!

Note: When the "simple pairing" is checked, the printer does not need to enter the Bluetooth password to connect, when the "simple pairing" is not checked, the printer needs to enter a Bluetooth password to connect.

5.2 Bluetooth - Windows Driver

- 1. Take the same steps of "1. \sim 8." in Chapter 5.1.
- 2. Install the Windows Driver program. (Please refer to the Windows Driver Manual)
- 3. Right click the Bluetooth printer icon, and choose "Printer Properties".



- 4. In the "Printer properties", choose "port", select the same port COM3 (refer to "8." in chapter
- 5.1), then click "Apply".

lecked por	t.		o the hist nee	
Port	Description	Printer		
LPT1:	Printer Port			
LPT2:	Printer Port			Ξ
LPT3:	Printer Port			
COM1:	Serial Port			
COM2:	Serial Port			
Z COM3:	Serial Port			_
COM4:	Serial Port			-
Add P	Port	Delete Port	Configure Po	ort
COMB: COM4: Add P	Serial Port Serial Port	Delete Port	Configure Pc	ort

Note: If the corresponding port is not found in the list, add the port according to the following steps:

1) Open the Windows Task Manager, click both the "Services" at the upper and lower position of the window.

Applications P	rocesses	Services Pe	rformance Networking	Users		
Name		PID	Description	Status	Group	-
TrustedInst	aller		Windows Modules I	Stop	N/A	
swprv			Microsoft Software	Stop	N/A	
stisvc			Windows Image Acq	. Stop	N/A	
sppsvc		1068	Software Protection	Runn	N/A	
Spooler		2508	Print Spooler	Runn	N/A	
SNMPTRAP			SNMP Trap	Stop	N/A	
SDRSVC			Windows Backup	Stop	N/A	
RpcLocator			Remote Procedure	Stop	N/A	E
PerfHost			Performance Count	Stop	N/A	
msiserver			Windows Installer	Stop	N/A	
MSDTC		2320	Distributed Transact	. Runn	N/A	
FontCache3	3.0.0.0		Windows Presentati	Stop	N/A	
Fax			Fax	Stop	N/A	
ehSched			Windows Media Cen	Stop	N/A	-
4			III			1

2) Choose "Printer Spooler" in the list, click "Restart the service"

🤹 Services (Local)	Q Services (Local)					
	Print Spooler	Name	Description	Status	Startup Type	
	Stop the service Restart the service Description: Loads files to memory for later printing	 Offline Files Parental Controls Peer Name Resolution Protocol Peer Networking Grouping Peer Networking Identity Manager Performance Counter DLL Host Performance Logs & Alerts Plug and Play PnP-X IP Bus Enumerator PNRP Machine Name Publicatio Portable Device Enumerator Serv 	The Offline This service Enables serv Enables mul Provides ide Enables rem Performanc Enables a c The PnP-X This service Enforces gr	Started Started	Automatic Manual Manual Manual Manual Manual Automatic Manual Manual Manual Automatia	
		Print Spooler	Manages p Loads files t	Started	Automatic Automatic	1
		 Problem Reports and Solutions Program Compatibility Assistant Protected Storage Quality Windows Audio Video Ex 	This service This service Provides pr Quality Win	Started	Manual Automatic Manual Manual	
		Remote Access Auto Connectio Remote Access Connection Man	Creates a co Manages di		Manual Manual	

3) Go back to the "Printer Properties", you can find the "COM3" under "Ports". Click "OK", so the port for the BT connection is added.

Print to the checked point	following p rt.	ort(<mark>s). Docu</mark>	ments will print to	the first free	
Port	Descripti	on	Printer		
LPT1: LPT2: LPT3: COM1: COM2: COM3:	Printer P Printer P Printer P Serial Po Serial Po Serial Po	ort ort ort rt rt rt			H
COM4:	Serial Po	rt			-
Add	Port) [D	elete Port	Configure P	ort
Enable bi	directional	support		comguer	J

5. Choose "General", then click "Print Test Page".

eneral	Sharing	Ports	Advanced	Color Ma	nagement	Security	About	
-		POS80D						
Locati	on:							
Comm	nent:	7						
Model Featu	: ures	POS80D						
Color: No			Paper available:					
Double-sided: No			Cu	Custom				
Staple: No			72	72mm * 420mm				
Speed: Unknown Maximum resolution: 203 dpi		72mm * 3276mm 48mm * 297mm -						
			Pr	eference	i	Print	Test Pag	e

6. If the print test page can print normally, the following figure is displayed; if fails, check whether Bluetooth is disconnected or the corresponding COM port is occupied.

