

Desktop POS Printer

Bluetooth Connection Manual

Rev.1.5



Table of Contents

1. MANUAL INFORMATION	1
2. PRECAUTIONS	1
3. BT INFORMATION ON SELF-TEST PAGE	1
4. GENERAL SEQUENCE FOR BLUETOOTH CONNECTIONS	2
5. BLUETOOTH CONNECTION INSTRUCTIONS	3
5.1 Bluetooth - Utility Tool	3
5.2 Bluetooth - Windows Driver	. 13
5.3 Bluetooth - App	19



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 may be 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	Kennark
BT Version: 35e_r1589	I435e indicates the BT module.
BI VEISIOII. 556_11569	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
Di Name. Di Finter	with the printer via Bluetooth.
Simple Pairing: Enable	• This can be set in utility tool, refer to the detail on page 18 of this manual.
Simple Pairing. Enable	• 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 Svcmask: 1010	Indicates the BT service number.
BI SVCMASK: 1010	(Currently applicable only to TP808/TP809/TP80AB/TP582W/TP585/TP585L)
Applet Wechat: Enable	Applet Wechat can be used. (Currently applicable only to
Applet wechat. Enable	TP808/TP809/TP80AB/TP582W/TP585/TP585L)
	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
Di Watteonin. Enable	connected with the printer via BT at the same time.)
	(Currently applicable only to TP808/TP809/TP80AB/TP582W/TP585/TP585L)
BluetoothID:	When there are more than one printers with BT function available for connection,
00:15:83:B9:3C:0D	you can identify the printer that needs to be connected by checking the Bluetooth
00.13.03.03.30.00	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

Following screen-shots are under Windows 7. There will be slight difference under other operation systems.

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 "BT Printer", and click "next", the BT Printer is added to the main device.





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



5. Click "Devices and Printers", you can find the corresponding BT Printer icon.







6. Right click the BT Printer icon, and choose "Properties".





7. In the BT Printer properties, choose "Services", you can find COM3, that is connected to the Bluetooth port.

ieneral	Hardware	Services Blue	tooth		
Bluet	This Blue service, s poth Service	tooth device offer elect the check b s	rs the followir box.	ng services.	To use a
V S	erial port (SP	P) 'SerialPort'		COM3	
		0		Cancel	Apply

8. Install the Utility Tool on the main device. (Please refer to the Utility Tool Instruction.)



9. Open the printer utility, and click "Modify Printer".

P808 USB TP808	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



10. Choose the "Printer driver", for example, "TP801"; Choose "COM" for "Port type"; select the same port "COM3" (refer to "7." in chapter 5.1) for "System Port", then click "OK".

ortInfo		
Port type:	СОМ	-
System Port:	COM3	•
Baud rate:	19200	•
Parity:	None	•
Stop Bits:	1	
Notes:		

11. Click the "Connection Test".

P801 COM COM3,BaudRate_19200,None,One	Add Printer
	Modify Printer
	Delete Printer
	Connection Test



12. The printer is successfully connected through Bluetooth.



13. Click "Advanced Settings".

Printer Utility Version 1.2.3.25 Select Language Help Printer List:		
TP801 COM COM3,BaudRate_19200,No	one,One	Add Printer
		Modify Printer
		Delete Printer
		Connection Test
Functions		
Printer Test	Commar	nd Test
Manage Images	Download Compatibl	
Code Page Setting	Downloa	d Fonts
Parameter Setting	Advanced S	Settings
FW Update		Close



14. Click "Bluetooth Setting".

d Settings	
Function Setting	Reduction Paper Setting
DIP Setting	Paper Width Setting
Ethernet Setting	USB Port Setting
Bluetooth Setting	Length Of Print
Cut Paper Config	

15. 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 Name: BT Printer (<=10 ASCII Ch Password: 0000 (4 Numeral) Simple Pairing Set Close		er	
Simple Pairing Set Close	uetooth Name:	BT Printer	(<=10 ASCII Chars)
Set Close	assword:	0000	(4 Numeral)
	Simple Pairing		
	and these	11 Marca	×
Setting success! Please restart the printer!	Setting suc	cess! Please rest	art 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 7." 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 "ports", select the same port COM3 (refer to "7." in chapter 5.1), then click "OK".

	o the fo ed port.		s). Documents will print t	o the first free
Port		Description	Printer	*
	PT1:	Printer Port		
	PT2:	Printer Port		E
	PT3:	Printer Port		
1000	OM1: OM2:	Serial Port Serial Port		
	OMB:	Serial Port	TP801	
0100	OM4:	Serial Port	TFOUL	*
	Add Po	ort	Delete Port	Configure Port

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 Processes	Services	Perf	ormance Networking L	Jsers		
Name	Р	ID	Description	Status	Group	*
TrustedInstaller swprv stisvc sppsvc	1	068	Windows Modules I Microsoft Software Windows Image Acq Software Protection	Stop Stop Stop	N/A N/A N/A N/A	-
Spooler		508	Print Spooler	Runn	N/A	nv
SNMPTRAP SDRSVC			SNMP Trap Windows Backup	Stop Stop	N/A N/A	
RpcLocator PerfHost msiserver			Remote Procedure Performance Count Windows Installer	Stop Stop	N/A N/A N/A	m
MSDTC FontCache3.0.0.0	2	320	Distributed Transact Windows Presentati	Runn Stop	N/A N/A	
Fax ehSched			Fax Windows Media Cen	Stop Stop	N/A N/A	+
•			ш			



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

) 🛃 🔽 📷 🕨 🗰 H IV					
Services (Local)	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 Power 	Enables rem Performanc Enables a c The PnP-X This service Enforces gr		Automatic Manual Manual Manual Manual Manual Automatic Manual Manual Manual Automatic	
		Power Power Power Power	Manages p Loads files t		Automatic	l
		 Problem Reports and Solutions Program Compatibility Assistant Protected Storage Quality Windows Audio Video Ex Remote Access Auto Connectio Remote Access Connection Man Remote Desktop Configuration 	This service Provides pr Quality Win Creates a co	Started	Manual Automatic Manual Manual Manual Manual Manual	
		Keniote Desktop Configuration	Remote Des		Ivialiual	



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.

-	TP80)1						
Print to t checked		owing po	rt(s). Docu	ments will prir	nt to t	he first fro	e	
Port	I	Descriptio	n	Printer				-
	1:	Printer Po	ort					
E LPT	2: 1	Printer Po	ort					H
E LPT	3: 1	Printer Po	ort					
	M1: 9	Serial Por	t					_
	M2: 9	Serial Por	t					22
	M3: 1	Serial Por	t -	TP801				
	V14: 5	Serial Por	t					-
A	Add Port) 🚺 D	elete Port		Config	gure Por	t
Enabl	e hidire	ectional s	upport					
Enabl	e printe	er pooling	9					



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

eneral Sharing Ports Advanced (Color Management Security 关于		
TP801			
Location:			
Comment:			
Model: TP801			
Features Color: No	Paper available:		
Double-sided: No Staple: No Speed: Unknown Maximum resolution: 203 dpi	Custom 72mm * 297mm 72mm * 420mm 72mm * 3276mm 48mm * 297mm		
Pref	erences Print Test Page		

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.



HPRT

5.3 Bluetooth - App

1. Install the App "POS Editor" in the mobile device.

• Under Android system, download the "POS App" APK file in HPRT website

(http://www.hprt.com/Downloads.html), and then use it to install the App "POS Editor" in the mobile device.

+ ttp://www.hprt.c					▼ C 搜索		<u>ه</u> ک ۵ - ۹
HPRT	PRODUCT	DOWNLOADS	SOLUTIONS	CONTACT	ABOUT	中文版	Q (#)
AII PRODUCTS			PE	~	All SY	STEM	~
							Download
E Pos App (Parameter S	Setting Tool for T	P series POS printer)		Utility	Android	V1.01.05	Ł Download

• Under iOS system, download and install the App "POS Editor" directly from the App Store in the mobile device.

2. Click "POS Editor" icon on desktop of mobile phone.



3. Turn on the printer with BT function.



4. Click "Current connection" and choose printer module that you want to connect with, click "OK".





5. Click "Bluetooth" and choose the printer module ("BT Printer", as shown in the following screenshot) which has the same Bluetooth ID as the one shown on the self-test page of printer.

< New connection	< Bluetooth
Selected model number: TP808	Selected model number: TP808
Ethernet	C0:19:83:11:23:77 HM-A320 00:15:83:38:39:19 HM-A300-2366_EVA C0:15:83:11:23:66 HM-A320-5F7F 00:15:83:39:5F:7F
Bluetooth	MI Band 2 E1:7E:1D:72:76:A4 BT Printer C0:15:83:B9:3C:0D Mi Smart Band 4 ED:50:B6:B0:4C:C6
WIFI	Amazfit Watch-A696 01:41:31:36:30:39 UC888-4B7F DC:0D:30:2D:4B:7F air67 01:07:01:00:01:44



6. When the mobile phone is connected successfully with the printer via Bluetooth, it shows the interface as the following screenshot.

Current connection:TP808					
Text print	Self-test page print				
Image print	File print				
Barcode print	Command test				

"Text print / Self-test page print / Image print / File print / Barcode print / Command test" are available for usage.

7. Click " , on the upper left corner, and the following settings ("Function setting/Parameter setting/ port setting / Save printing Setting") are available for usage.





8. Click "Port setting", choose "Bluetooth", and the Bluetooth parameters can be set.

