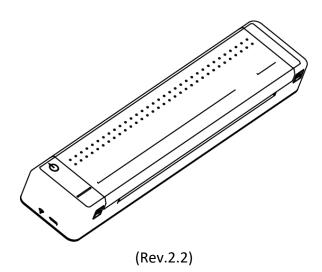
Mobile Printer MT800 User Manual



Manufacturer: Xiamen Hanin Electronic Technology Co., Ltd. Add: No.96, Rongyuan Road, Tong'an District, Xiamen, China 361100 E-mail: support@hprt.com Web: www.hprt.com

Statement

This manual content may be altered without permission, and Xiamen Hanin Electronic Technology Co., Ltd. reserves the rights to make changes without notice in technology, spare parts, hardware and software of the products. If more information is needed about the products, please contact Xiamen Hanin Electronic Technology Co., Ltd. Without any written permission from the company, any section of this manual is prohibited to be copied or transferred in any form.

Warnings

A Thi

This must be complied with in order to avoid any damage to the human body and to the equipment.

This shows the important information and tips for the printer operating.

Important Safety Instructions

Please read this chapter carefully before using the printer!

Using the Printer

1. Water or other liquid should not spill into the printer, also the printer should not be expose to the rain, or else may cause printer damage.

2. Do not open the printer cover while the printer is printing, otherwise the printer may work improperly.

3. Too high(40 $^\circ \rm C$)or too low(0 $^\circ \rm C$) temperature will lead to the decrease of print quality.

4. too high (85%)or too low (20%)relative humidity will lead to the decrease of print quality

5. The print paper in poor quality or stored for too long time also may reduce the print quality even damage the printer.

6. Please do not open the printer cover when it is printing or just when printing is over, do not touch the print head with hand or body, overheat may cause scald.

A Storage Precautions

1. The printer should be placed in such an environment that the temperature is between -20° C and 70°C, and the relative humidity is between 5% and 90%.

2. Normal thermal paper can't be kept too long, if you need to keep the receipt for a long period, please select long term effective thermal paper.

3. Do not store printing paper in high temperature or direct sunlight, please keep it in a place to avoid the light.

A Battery Safety Precautions

Ignore the following instructions may cause battery overheating, fire, explosion, damage and/or performance, and reduced product life.

1. Be sure to use the specified battery and power charger provided by our company, do not disassemble the printer to replace the non-official battery, or may cause fire, explosion or damage to the printer.

2. Do not allow water, sea water from entering or leaking into the battery. If the batteries internal safety device burn, when charging it, it may produce abnormal current and/or voltage, or abnormal chemical reaction when charging it, then may cause the battery overheating, fire and/or explosion.

3. Do not use or place the battery nearby the stove or other high temperature places. Excessive heat maybe damage the resin shell and/or the insulation materials, thereby cause short-circuit inside the battery, then the battery may be overheated, burning and/or explosion.

4. When charging, use a specified USB Type-C cable. Other conditions (high temperature, high pressure/high current, using the modified battery charger, etc.) excluded here may result in over-charging the battery and abnormal current and/or voltage, cause abnormal chemical reaction, and may cause the battery overheat, light and/or explosion.

5. Do not heat the battery or put the battery into fire. This may melt insulation material and/ or damage safety devices or safety equipment, then ignite electrolytic solution, and cause the battery overheat, burning and/or explosion.

6. Do not throw or attack the battery heavily. If internal safety device of the batteries burn, the battery charging may cause any abnormal current and/or voltage, and abnormal chemical reaction, and lead to the battery overheat, ignite, and/or explosion.

7. The liquid in the battery is corrosive, if improper operation causes battery leak, and the liquid is spattered on the skin or clothes, please wash it with water, if spattered into the eyes, please rinse them with water thoroughly and see a doctor.

(I) Other Precautions

The copyright for this user manual and various other manuals is property of our company. Any copying or conversion into electronic form and saving of this material without the express written permission is strictly prohibited. Use of the information contained in this manual is not subject to any patent liability. This manual has been prepared with utmost care and attention to detail but may contain certain errors and/or omissions. Our company is not legally liable for any damages resulting from the use of the information in this manual. Our company and its affiliates are not legally liable (United States excluded) for any damages, loss, costs, and/or expenses that result from the breakdown, malfunction, and/or misuse of the product due to violation or neglect of the operation and maintenance information and instructions provided by our company, as well as from the unauthorized alteration, repair, and/or modification of the product by the user and/or third party. We are not legally liable for any damages and/or issues resulting from the use of options and/or parts that are not authentic or authorized products.

1. WEEE (Waste Electrical and Electric Equipment)



This mark shown on the product or its literature indicates that the corresponding item should not be discarded at the end of its working life with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate marked items from other types of

waste and recycle them responsibly to promote the sustained 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 conduct environmentally safe recycling of such items. Commercial users should contact their suppliers and check the terms and conditions of purchase contracts. This product should not be combined with other commercial waste for disposal.

CONTENTS

1. Product Introduction	1
1.1 Introduction	1
1.2 The main Features	1
1.3 Packing List	1
1.4 Appearance and Component	2
2. General Specification	3
2.1 Printer Specification	3
2.2 Media Specification	4
2.3 Ribbon Specification	4
2.4 Dimension	4
3. Installation and Use of Printer	5
3.1 Open Top Cover	5
3.2 Loading Ribbon	5
3.3 Loading Paper	6
3.4 Removing Paper	7
3.5 Printing Operation	7
3.5.1 From Mobile Phone	7
3.5.2 From Computer	8
3.6 Instruction for Sleep(Standby) Mode	
4. Partial Component Description	
4.1 Button	
4.2 LED Indicator and Buzzer	10
5. Troubleshooting	12
5.1 Printer Not Working	12
5.2 Troubles Occur During Printing	13
6. Clean Printer	14
6.1 Cleaning Head	14
6.2 Cleaning Sensor, Platen and Paper Path	14
7. Windows Driver	15
7.1 Operating System (OS) Environment	15
7.2 Windows Driver Preparation	15
7.3 Windows Driver Installation	16
7.4 Using Driver via Bluetooth	
7.5 Detailed Windows Driver Setting	
7.5.1 Printing Preferences	30
7.5.2 Printer properties	
7.6 Uninstall Windows Driver	40
8. Mac Driver	
8.1 Mac Driver Installation	
8.2 How to Print From Mac	46

9. Mobile Utility Tool	51
9.1 Operating System(OS) Environment	51
9.2 Utility Tool Preparation	51
9.3 Using Utility Tool	
9.3.1 Add Printer	53
9.3.2 Modify Printer	
9.3.3 Delete Printer	60
9.3.4 Connection Test	61
9.3.5 Functions	62
9.4 Firmware Update	64
10. Software Download	66



1. Product Introduction

1.1 Introduction

HPRT A4 Mobile Printer, print anytime and anywhere. Virtual will be transformed into reality, making mobile office a new trend. The distance between home and office will be shortened, and the working place will no longer be limited. MT800 supports ribbon with RFID authentication to ensure HPRT's original high quality supplies. HPRT, print your beautiful world.

1.2 The main Features

- 1.Perfectly portable for quality A4 printing
- 2.Large capacity battery and long standby
- 3. User-friendly design, easy paper replacement
- 4. High reliability
- 5. Various interfaces for option

1.3 Packing List

The printer is packaged with the following accessories.

If any of these accessories is broken or missing, please contact the dealer that you purchased the product.









Printer

Ribbon Module

USB Type-C Cable

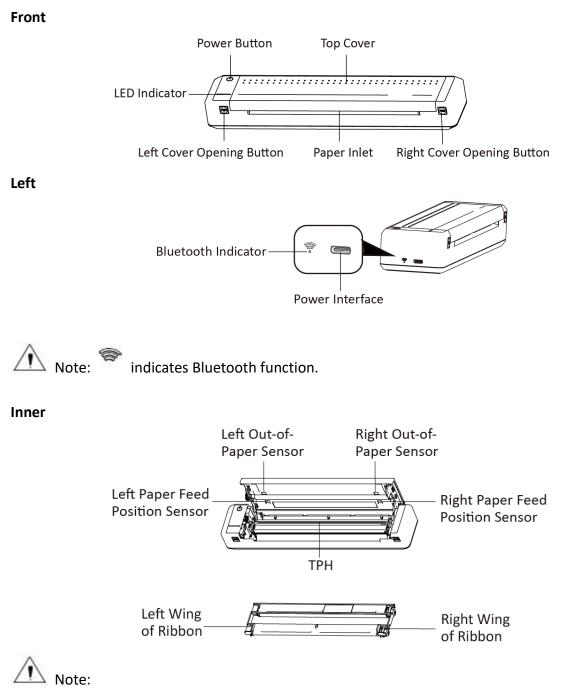
Quick Start Guide



- 1) The packing materials are actually dependent on the order.
- 2) The ribbon module is embedded in the printer.
- 3) Operating Environment of Ribbon: $5\,^\circ\!\mathrm{C}\,^{-}35\,^\circ\!\mathrm{C}$, 20%~85%RH
- 4) Storage Environment of Ribbon: -5℃~45℃, 20%~85%RH



1.4 Appearance and Component



Out-of-paper sensor and paper feed position sensor:

Detecting whether there is paper or not and whether the paper offset occurs during the paper feeding process.



2. General Specification

2.1 Printer Specification

Item		Parameter	
	Printing Method	Direct thermal/Thermal transfer printing	
Disting	Printing Speed	MAX.15 mm/s	
Printing Parameter	Printing Width	198mm	
Parameter	Printing Density	3 levels adjustable	
	Printing protocol	Dot matrix bitmap printing	
	Туре	A4 paper	
Demor	Width	210mm	
Paper	Thickness	60-90µm	
	Ribbon Specification	Width 215mm, Length 14m, Diameter 14.5mm	
		Cover open detection, out-of-paper detection,	
Sensors		paper feed positioning detection, ribbon	
56113013		detection, paper offset detection, TPH	
	r	temperature detection	
Communicati	Standard	USB Type C (support USB charging)	
on Interface	Stanuaru	Bluetooth 4.0	
	Туре	Rechargeable Li-ion battery	
Battery	Voltage	7.4V	
	Capacity	2000mAh	
Devuer	Input	AC 100~240V, 50/61Hz	
Power	Output	DC 5V, 2A	
Reliability	TPH life	50km	
RAM 8MB		8MB	
Memory	Flash	2MB	
Dimension (L×	W×H, mm)	310.5×63.5×40.73	
Weight		766g(with ribbon), 694g(without ribbon)	
Certificates		CCC, CE, MFI	

Table 2-1 General Specification

2.2 Media Specification

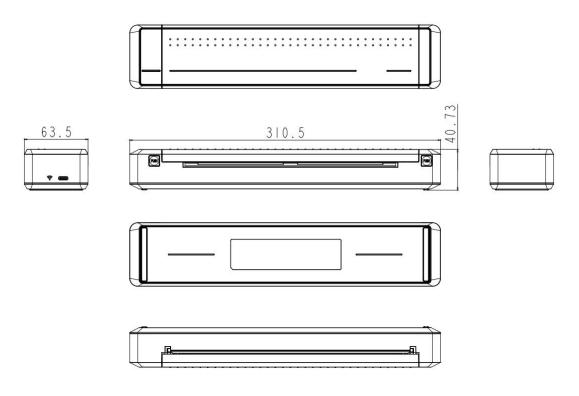
Paper type	Paper width	Paper thickness
A4 paper	210mm	60-90µm

2.3 Ribbon Specification

Ribbon	Parameter	
Width	215mm	
Length	14m	
Diameter	14.5mm	

2.4 Dimension

- Dimension: 310.5(L)×63.5(W)×40.73(H)mm
- Weight: 766g (including ribbon)

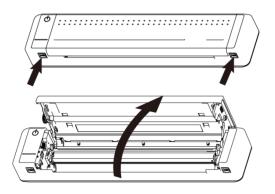


HPRT

3. Installation and Use of Printer

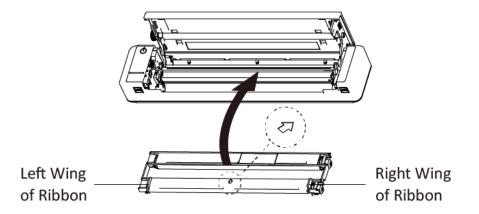
3.1 Open Top Cover

1. Press the [PUSH] button of both sides at the same time, then lift the printer cover upward.



3.2 Loading Ribbon

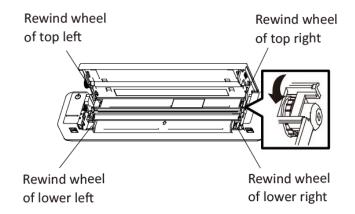
1. Hold the left and right wings of the ribbon by your hands, then align it to the printer per the arrow direction and press it down.



Note: To avoid errors when loading the ribbon, please make sure that the arrow direction marked on the ribbon module align to the printer.



2. Rotate the ribbon rewind wheels of both left top and lower right (or right top and lower left) towards the center simultaneously to make it smooth.

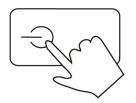


3. Press down the cover by hands until it clicks into place.

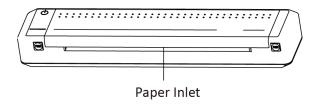


3.3 Loading Paper

1. Make sure the ribbon is properly loaded, hold down the power button for a few seconds, and then release it when the printer is turned on.



2. Put the paper into the paper inlet in parallel. Printer will feed a distance automatically after it detects the paper. If the buzzer sounds once after paper feeding is stopped, it shows that the paper is loaded successfully and the printer is ready.

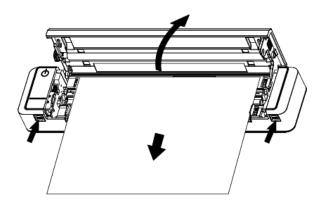




3.4 Removing Paper

Note: Don't pull the paper out forcefully while the printer cover is closed, or it may damage the printer. Please remove the paper as follows.

- 1. Press the [PUSH] button of both sides at the same time, then lift the printer cover upward.
- 2. Remove the paper.



3.5 Printing Operation

Please make sure that the printer is powered on, and has loaded ribbon and paper. (Refer to 3.2 and 3.3)

3.5.1 From Mobile Phone

1. Download "H-Print" APP: Scan the QR code below to download "H-Print" APP.



(http://hprint.hprt.com/app_en)

Note: You can also scan the QR code on the outer box of the package to download APP.

- 2. Connect to the printer:
- 1) Turn on Bluetooth on the mobile phone, choose "MT800-XXXX" (XXXX are last four digits of Bluetooth address) in the device list;
- 2) Open APP, choose "Device Management" on the right top corner;
- 3. Print:
- 1) Choose the file to print, and copy it to the "H-Print" APP;
- 2) Click the print icon on the right top, then the printer will conduct printing.



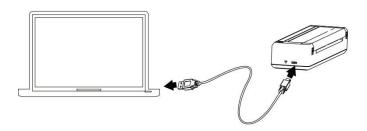
Note: For APP operation, please subject to the actual situation.

3.5.2 From Computer

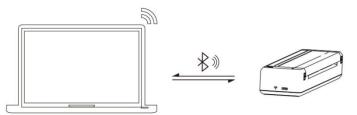
1. Connect the printer to the computer via Bluetooth/USB, then install the printer driver on the computer.

The driver download address: http://www.hprt.com/Downloads.html

USB connection



Bluetooth connection



2. Install the driver: please refer to "7. Windows Driver" and install the printer driver for MT800 on the computer.

3. Print: Open the file to print, choose "MT800" for printer device, click "print".

Note: PC Bluetooth connection only support with Windows system currently.

3.6 Instruction for Sleep(Standby) Mode

In order to save power and prolong the service time, MT800 printer adopts automatic sleep and automatic wake-up technology. After the printer is turned on, if there is no operation on the printer within 5 minutes, the printer will enter standby mode. Note in particular that the printer will automatically turn off after 60 minutes of free time in the case of a Bluetooth connection.

When the printer enters standby mode, the power consumption will be greatly reduced, and it will not affect the use. The printer will wake up automatically when receiving the print data without manual intervention to wake it up.



4. Partial Component Description

4.1 Button

1. Power Button

①Turn On

In the sate of power off, hold down the power button for about 3 seconds and the printer will be on.

2 Turn Off

In the state of power on, hold down the power button for about 3 seconds and the printer will be off.

③Print Self Test

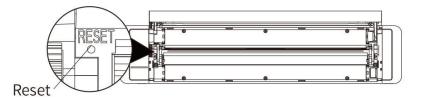
In the sate of power on, continuously press the power button for 3 times, the printer will print the self-check page.

2. Cover Open Button

Press the cover open button of both sides at the same time, then lift the printer cover upward.

3. Reset Button

When the button fails to respond or Bluetooth fails to connect, please remove the ribbon, lightly press the [Reset] button with toothpick or pin for 2 seconds, then restart the printer.





4.2 LED Indicator and Buzzer

MT800 has two LED indicators, which are front strip lamp and side pinhole lamp.

1. Front Strip Lamp

The front strip lamp indicates the status of printer. The status is divided into four categories: behavior indication (red, green, white), charging indication (green), abnormal indication (red), and printing indication (white).

(1) Abnormal Status

Status	LED (Red)	Buzzer
Low-voltage	Flash	"Веер-Веер-Веер-"
TPH temperature overheated	Flash	"Веер-Веер Веер-"
Paper jam/paper loading abnormal	Slowly Flash	"Веер Веер Веер-"
Open the cover of printer	Lighting	
Ribbon runs out	Slowly Flash	

(2) Charging Status

Status	LED (Green)
Power too low	Flash
Printer charging	Lighting
Charging full in power-on status	Green light turns to white light
Charging full in power-off status	Off
Enter	Lighting 3 seconds

③Printing Status

Status	LED (White)
Standby	Lighting
Wake up the printer	Lighting
Printing	Slowly Flash



(4) Behavior status

Status	LED (Red, Green, White)
Turn on	Flash a round
Firmware upgrade	Alternating flash
Turn off	Flash a round

2. Side Pinhole Lamp

The side pinhole lamp is a blue monochrome lamp, indicating the connection status of the printer.

1Connection status

Status	LED (Blue)
Data receiving	Flash
Bluetooth is not connected	Off
Bluetooth is connecting	Lighting



5. Troubleshooting

Your printer is very reliable, but occasionally problems may occur. This chapter provides information on some common problems you may encounter and how to solve them. If you encounter problems that you can not resolve, contact your dealer for assistance.

5.1 Printer Not Working

Problem Description	Problem Reason	Solution
LED not light, printer not	Printer no power	Please use the exclusive
working		charging cable to charge
	Printer consumables do	Please replace the
	not match	consumables immediately
		and continue printing with
		the official consumables
	Circuit board damage	Contact with the dealer



5.2 Troubles Occur During Printing

Problem Description	Problem Reason	Solution
Printing process stops	Battery power is too low	Please use the exclusive
printing		charging cable to charge
Paper jam occurs during	When the paper is	Please open the cover,
printing	automatically fed, there is	remove the jammed
	a deviation, resulting in	paper, and place the
	paper jam	paper in parallel into the
		paper inlet
The ribbon is taken out	The ribbon is loose before	Please roll the ribbon to a
when printing	printing.	flat state by rewind wheel
Print font missing, with	Ribbon with folds,	Please roll the ribbon to a
white lines	damaged	flat state and print with a
		good ribbon
	Uneven paper	Please print with flat
		paper
The printer cannot	The cover is not properly	Please check that both
automatically absorb	closed.	sides of the cover are in
paper		place



6. Clean Printer

6.1 Cleaning Head

Printing quality might be degraded by dust, foreign substance, adhesive substance, or other pollution materials stuck in the printer head or inside the printer. When dirty, clean the print head as follows:

※ Notes:

- 1. Make sure to turn the printer power off prior to cleaning.
- 2. Open the paper cover and ribbon assembly, and remove the paper and ribbon.

3. As the print head gets very hot during printing, if intending to clean the print head, turn the printer power off and wait approximately 2~3 minutes before commencement.

4. Use the cloth to clean the head. When cleaning the print head, take care not to touch the heated portion of the print head. Printer Head is susceptible to damage from static electricity, etc.

5. Take care not to allow the print head to become scratched and/or damaged in anyway.

6.2 Cleaning Sensor, Platen and Paper Path

% Clean the parts when there is a degradation of performance in printing quality or paper detection.

1. Open the paper cover and ribbon assembly, and remove the paper and ribbon.

2. Remove any dust or foreign substance using dry cloth or cotton swab.

3. Soak the cloth or cotton swab in alcohol for medical use and use it to remove adhesive foreign substances or other pollution materials.

4. After cleaning the parts, do not use the printer until the alcohol evaporates completely (1~2 min) and the printer has completely dried.



7. Windows Driver

7.1 Operating System (OS) Environment

The following operating systems are supported for usage.

- Microsoft Windows 10 (32 bit/64 bit)
- Microsoft Windows 8 (32 bit/64 bit)
- Microsoft Windows 7 SP1 (32 bit/64 bit)
- Microsoft Windows Vista SP2 (32 bit/64 bit)
- Microsoft Windows XP Professional SP3 (32 bit)
- Microsoft Windows Server 2012(64 bit)

7.2 Windows Driver Preparation

Driver download URL: http://www.hprt.com/Downloads.html

The installation file name is HPRT MT800 Series Mobile Printer Windows Driver vX.X.X.X.exe

As follows: HPRT MT800 Series Mobile Printer Windows Driver v2.7.2.2.exe

7.3 Windows Driver Installation

Notes:

Under different operating system and different type of driver, the screen has slight difference. Please operate it according to the tips. Take HPRT MT800 (Windows 7) as example.

- 1. Double click Windows Driver.
- 2. Choose "English" and click "OK".



3. Choose "I accept the agreement", then click "Next".

icense Agreement	1
Please read the following important information before continuing.	C
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT. THE SOFTWARE	
PROVIDED WITH THIS AGREEMENT (THE "SOFTWARE") IS LICENSED AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS BELOW, IF YOU DO NOT	
AGREE TO THE TERMS OF THIS AGREEMENT, PROMPTLY DESTROY THE	
SOFTWARE AND DOCUMENTATION.	
1. LICENSE GRANT	
This software is only to be used with the equipment for which it has be made.	
HPRT grants to you a non-exclusive, non-transferable right to use the SOFTWARE on the computer(s) that will print to the thermal printer(s). This	-
I accept the agreement	
○ I do not accept the agreement	

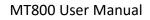


4. Click "Next".

🔂 Setup - HPRT MT800 Series Mobile Printer Windows Driver v2.7.2.1
Select operation of install Please select the operation as you need.
Install printer driver Please connect your printer to the PC and turn it on.
< <u>B</u> ack Next > Cancel
Setup
Attention! Please turn on the printer and connect it to the computer through USB cable, otherwise you need to configure the port manually to print.
ОК

▲ Note:

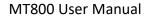
If printer is already connected with computer by USB port, it only needs to click "Install", then it will be installed automatically. Otherwise, proceed to the next step.





5. Choose the matched type and port (USBxxx is for USB port, COMx is for serial port, LPTx is for parallel port). Choose the type of driver, port, such as "MT800", "USB" as port. Click "Next".

Select the default inst	tallation port name of printer driver.
USB001 Cloud TCP/IP Port SHRFAX: COM1: COM2: COM3: COM4: FILE: LPT1: LPT1: LPT2: LPT3: XPSPort: FOXIT_Reader: Kingsoft Virtual Prints	Printer Model: HPRT MT800 Default Printer Pre-install Driver Name: HPRT MT800 Baud Rate: 9600 Parity: NONE Data Bits: 8 Stop Bits: 1 Flow Control: NONE Add TCP/IP Port





6. Click "Finish", the driver is installed successfully.



7. After installation, the icon will be found in "Start" \rightarrow "Devices and Printers".





Special Instructions:

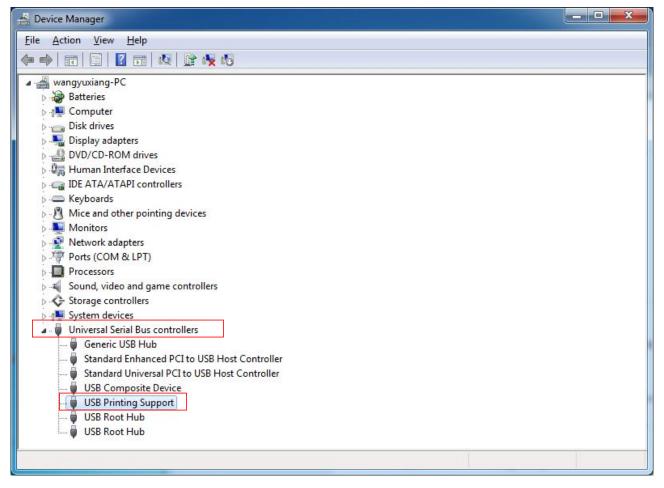
If the driver has been installed before connecting USB cable, the port may be inconsistent, solve it by the following steps.

Method One:

Connect the printer to the computer via USB cable, and install the driver again.

Method Two:

1) Right click the computer icon, choose "Properties" --- "Device Manager" --- "Universal Serial Bus controllers" --- "USB Printing Support", as shown below.





2) Double click "USB Printing Support", then click "Details", choose "Bus relations" for property to see the port number. It is "USB001" as shown below.

SB Printir	ig Supp	ort Properti	es				×
General	Driver	Details					
S <u>P</u> roperty		inting Suppo	rt				
Bus rel	ations						•
Value							
	RINT\H	PRTMT8003	\8&3a8514	0&0&USB0	01		
				_			
					ок	Car	ncel



3) Click "Start" \rightarrow "Devices and Printers". Right click "HPRT MT800" and choose "Printing properties". Click "Ports", select "USB001" and click "Apply". Then the port will be modified.

Port		Description	Printer		*
- 55	M2: M3:	Serial Port Serial Port			
СО	M4:	Serial Port			
FIL		Print to File			Ξ
		USB 虚拟打印机	ALCONCOMPANY AND A		-
_		Standard TCP/I			
_ XP	SPort:	Local Port	Microsoft	XPS Document Writer	7
0	Add Po		Delete Port	Configure Port	



7.4 Using Driver via Bluetooth

Note: PC Bluetooth connection only support with Windows system currently, take Windows 7 for example below.

1. Turn on the printer.

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

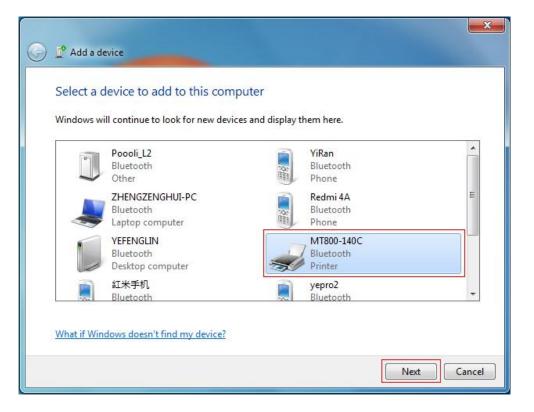


3. Right click the icon, choose "Add a Device".

	Allow a Device to Connect
	Show Bluetooth Devices
	Send a File
	Receive a File
	Join a Personal Area Network
	Open Settings
	Remove Icon
,	Customize odows
Ų	



4. Find the corresponding printer, click "Next".



5. Add a printer successfully as shown in the figure. The printer takes MT800-140C for an example.







6. Click "Start" \rightarrow "Devices and Printers". Right click "MT800-140C" and choose "Properties".

Correction of the second secon	✓ 4 Search Devices and Printers P
Add a device Add a printer Remove device	⊾ - 0
Devices (5)	
CSR8510 A10 CSR8510 A10 Generic Non-PnP Monitor HONGRUI-PC HONGRUI-PC USB Mouse VMware Virtual USB Mouse VMware, VMware Virtual S SCSI Disk Device	
Fax HPRT MT800(300dpi) Microsoft XPS Document Writer MT800-1 Properties	
MT800-140C	
Category: Printer	

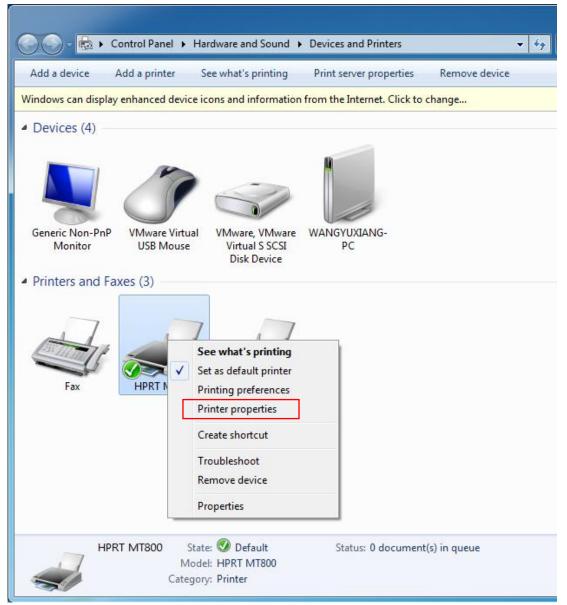
7. In "MT800-140C Properties", choose "Services" and find the corresponding port. As shown in the figure, the port of MT800-140C is COM3.

MT800-140C Pr	operties				×
General Hardwar	e Services	Bluetooth			
Service	uetooth devic , select the cl		bllowing ser	vices. To use	ea
Bluetooth Servi	ces				
Apple Inc.	SPP) 'SerialPo	rt'	COI	VI3	
WeChat					
	F	ок	Cano	e	Apply
			Conc		- PPU



8. Install MT800 Windows driver program on the computer (please refer to "7.3 Windows Driver Installation).

9. After installing the driver, find the icon of "HPRT MT800" in "Devices and Printers", right click "Printer properties".





10. Click "Ports", choose "COM3" as driver port, click "Apply".

Print to the f		Documents will print to	the first free	
Port	Description	Printer		*
 LPT1: LPT2: LPT3: COM1: COM2: COM3: COM4: 	Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port Serial Port			
Add P	Por <u>t</u>	Delete Port	Configure Port	٦

Note: If "COM3" has been selected as printer driver port during the driver installation, ignore this step.



11. Click "Print Test Page".

eneral Sharing Ports Advanced	Color Management Security /	About
Location:		
<u>C</u> omment:		
Model: HPRT MT800		
Features	C2 8119 8219	
	Daner available	
Color: No	Paper available:	
Double-sided: No	Custom A4	*
Double-sided: No Staple: No	Custom	*
Double-sided: No	Custom	*
Double-sided: No Staple: No Speed: Unknown Maximum resolution: 300 dpi	Custom A4	est Page



12. If the printer can print the test page, it will pop up the dialog box below. If it failed to print, please check if Bluetooth is connected or Bluetooth connection port is occupied.



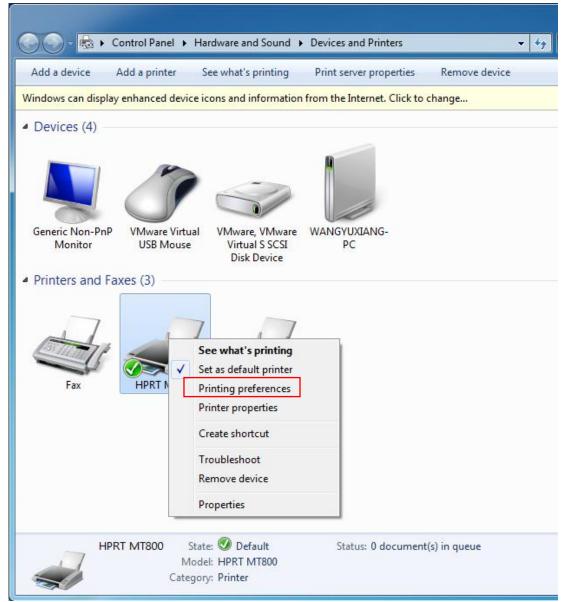
MT800 User Manual



7.5 Detailed Windows Driver Setting

7.5.1 Printing Preferences

1. Click "Start" \rightarrow "Devices and Printers". Right click "HPRT MT800" and choose "Printing preferences".





2. According to the different needs, choose "Paper"/"Offset"/"Rotate"/"Effect".

Paper Paper Name: Cus	tom(210.0mm * 29	, ,
Offset Horizontal: 0.0	mm N	Manager
Preview PRT	Rotate © 0° © 90° © 180° © 270°	Effect
		Advanced

• Select "Paper Name"

	1		
Paper	Watermark	k Halftone About	
Pap			_
7.259.53		Custom(210.0mm * 297.0mm)	•
7.259.53		Custom(210.0mm * 297.0mm) Custom(210.0mm * 297.0mm)	-



• Click "Manager", add or delete paper:

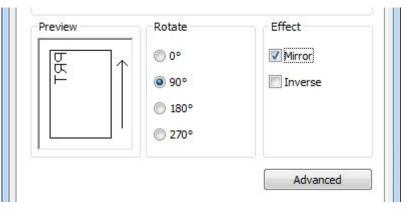
			Delete
			1
Custom Paper O	otions		
Custom Paper O Paper Name:	otions		Save
	otions	[10.0 - 600.0 mm]	Save

• Set "Horizontal" or "Vertical" offset:

aper	Watermark	Halftone	About	
Pap	er			
Pa	aper Name: 🕻	Custom(210	.0mm * 297.	Omm) 🔫
				Manager



• Set "Rotate", "Effect", e.g. rotate "90°", select "Mirror" effect, shown as below:



• Click "Advanced", set "Density":

-0	Options Customize Print De	ensity	
	Light	1	Dark



• Set "Media Type":

Media Typ	tions			
A4			,	-
Con A4	tinous			
Enhance M	lode			
Ena	ble			•

• Set "Enhance Mode":

Densit	by Options		
Me	dia Type		
	A4	•	
En	hance Mode		
	Enable	 -	٦
	Disable Enable		



3. Click "Watermark". Set watermark to print.

Watermark Path:		
Preview	Size	
	Density	96. 40 K234 DF 36
		1 1 1 1 1 1 1
	Horizontal	Vertical
	eft	🔘 Тор
	Center	Center
	C Right	Bottom
1		



4. Click "Halftone" to set the halftone.

per Watermark	Halftone About	
Halftone		
		🔘 None
à	'Atac	Disperse
		Cluster
		C Error Diffusion
Brightness		
Light	0 ()	Dark
Contrast		
Decrease	· · · · · · · ·	Increase
	ОК	Cancel Apply

5. After setting, click "OK" to save it.



7.5.2 Printer properties

1. Click "Start" \rightarrow "Devices and Printers". Right click "HPRT MT800" and choose "Printer properties".





2. Choose "General", click "Print Test Page", then it will print the current settings.

Location:	eneral Sharing Ports Advanced	Color Management	Security	About	
Comment: Model: HPRT MT800 Features Color: No Paper available: Double-sided: No Custom Staple: No A4					
Model: HPRT MT800 Features Color: No Paper available: Double-sided: No Custom Staple: No A4					
Color: No Paper available: Double-sided: No Custom Staple: No A4	Model: HPRT MT800				
Double-sided: No Custom Staple: No A4 Speed: Unknown					
Staple: No A4 Speed: Unknown		2 2012			
Speed: Unknown	Color: No		2:0		_
Maximum resolution: 300 dpi	Color: No Double-sided: No	Custom	2		*
	Color: No Double-sided: No Staple: No	Custom	2		*
	Color: No Double-sided: No Staple: No Speed: Unknown Maximum resolution: 300 dpi	Custom		Test Pag	Ŧ



3. Click "Advanced" to set the available time for printing.

eneral Sha	ing Ports	Advanced	Color Management	Security	About
Always a	vailable				
O Available		12:00 AM	To	12:00	AM
	1	[
Priorit <u>y</u> :	1	×			
Driver:	HPRT M	T800		-	New Driver
) S <u>t</u> art Start	printing aft printing <u>i</u> m	er last page mediately	am finishes printin is spooled	g faster	
) S <u>t</u> art () Start	printing aft	er last page mediately	and a second	g faster	
© S <u>t</u> art © Start © Print <u>d</u> ire	printing aft printing <u>i</u> m	ter last page mediately printer	and a second	g faster	
© S <u>t</u> art © Start © Print <u>d</u> ire <u>Hold mi</u>	printing aft printing <u>i</u> m ectly to the	er last page mediately printer ocuments	and a second	g faster	
© Start Start Print dire Hold mi Print spo	printing aft printing <u>i</u> m actly to the smatched d	er last page imediately printer ocuments nents first	and a second	g faster	
© S <u>t</u> art	printing aft printing im actly to the smatched d poled docum nted docum	er last page imediately printer ocuments nents first	is spooled	g faster	
© S <u>t</u> art © Start O Print <u>d</u> ire <u>H</u> old mi <u>Print spo</u> <u>K</u> eep pri <u>E</u> nable a	printing aft printing im actly to the smatched d poled docum nted docum	er last page imediately printer ocuments nents first nents inting featur	is spooled		at <u>o</u> r Page
© S <u>t</u> art © Start O Print <u>d</u> ire <u>H</u> old mi <u>Print spo</u> <u>K</u> eep pri <u>E</u> nable a	printing aft printing im actly to the smatched d poled docum nted docum dvanced pri	er last page imediately printer ocuments nents first nents inting featur	is spooled es		at <u>o</u> r Page



7.6 Uninstall Windows Driver

- 1. Double click Windows Driver.
- 2. Choose "English" and click "OK".

Ø	Select the language to use during the installation:
	English

3. Choose "Uninstall printer driver". Click "Next".

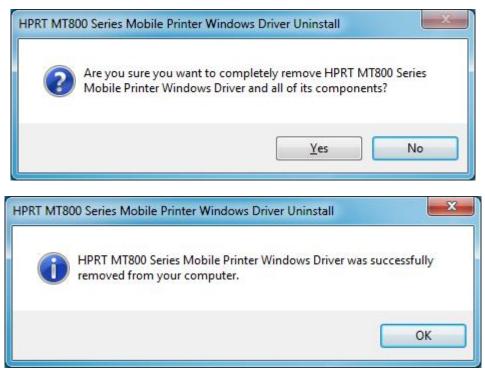
Setup - HPRT MT800 Series Mobile Printer Windows Driver v2.7.2.1
Select operation of install Please select the operation as you need.
 Install printer driver Please connect your printer to the PC and turn it on.
 Uninstall printer driver Uninstall the printer driver and components which printer selected.
Next > Cancel



4. Choose "HPRT MT800", click "Next". Then it is complete to uninstall.

🔂 Uninstall - HPRT MT800 Series Mobile Printer Windows Driver v2.7
Uninstall printer driver Please select the printer driver name needed to uninstall.
Delete all printer drivers and its components
HPRT MT800
< <u>B</u> ack Next > Cancel

5. Click "Yes" to uninstall the driver.



8. Mac Driver

8.1 Mac Driver Installation

Warning: Under different operating systems, the screen has slight difference. Please operate it according to the tips. Take MacOS 10.15 as example.

1. Double click the Mac Driver of MT800.



mt800-printermac-dri...1.0.0.pkg 50 KB

2. Click "Continue".

000	Sinstall MT800-PRINTER-DRIVER
 Introducti Destinatio Installatior Installatior Summary 	This package will run a program to determine if the software can be installed. To keep your computer secure, you should only run programs or install software from a trusted source. If you're not sure about this software's source, click Cancel to stop the program and the installation. Cancel Continue
	Go Back Continue



3. Click "Continue".

	🥪 Install MT800-PRINTER-DRIVER				
	Welcome to the MT800-PRINTER-DRIVER Installer				
 Introduction Destination Select Installation Type Installation Summary 	Welcome to the Drvier Setup Wizard.				
	Go Back Continue				

4. Click "Continue".

	🥪 Install MT800-PRINTER-DRIVER					
Custom Install on "Macintosh HD"						
	Package Name	Action	Size			
Introduction	🗹 Install Driver	Install	116 KB			
Destination Select						
Installation Type						
Installation						
Summary						
	Space Required: 116 KB	Remaining: 5	41.98 GB			
		Go Back	Continue			
		GOBACK	Continue			



5. Click "Install".

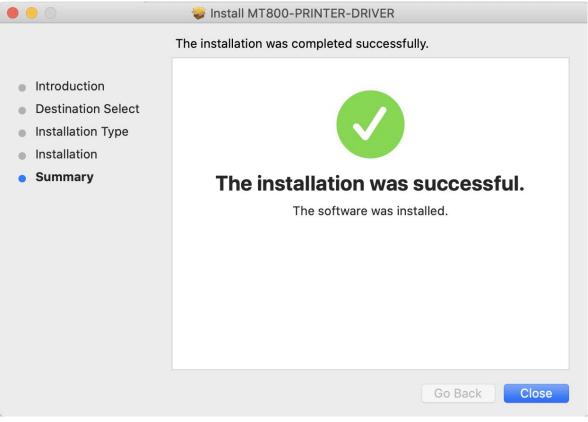
	🥪 Install MT800-PRINTER-DRIVER
	Standard Install on "Macintosh HD"
 Introduction Destination Select Installation Type Installation Summary 	This will take 116 KB of space on your computer. Click Install to perform a standard installation of this software for all users of this computer. All users of this computer will be able to use this software.
	Change Install Location
	Go Back Install

6. Type in the password and click "Install Software".

	蒙 Install MT800-PRINTER-DRIVER
 Introductior Destination Installation Installation Summary 	Installing MT800-PRINTER-DRIVER Installing MT800-PRINTER-DRIVER Installer is trying to install new software. Enter your password to allow this. User Name: User Password:
	Cancel Install Software Go Back Continue



7. The installation was successful.



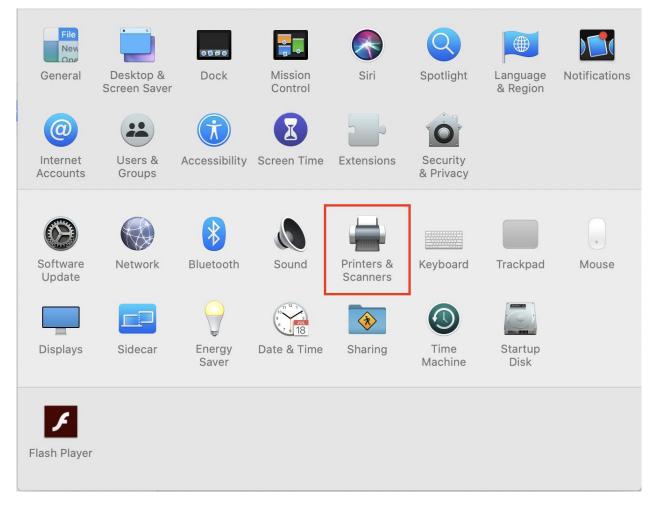


8.2 How to Print From Mac

1. Click "System Preferences".



2. Choose "Printers & Scanners".





3. Click "+" to add the printer.

Printers & Scan	ners	Q Search	
N Click	No printers are availat Add (+) to set up a p	ole. orinter.	
 Default printer: Default paper size:	Last Printer Used	0	?
			\cup

4. Choose MT800 device and click "Select Software".

	Add
l 😫 🛞 🚔	Q Search
Default IP Windows	Search
Name	✓ Kind
HPRT MT8003	USB
Name: HPRT MT8003	
Location Auto Select	
Use ✓ Generic PostScript	t Printer
Select Software	
Other	
	Add



5. Choose MT800 software and click "OK".

8	Add Q Search	
Default I	Printer Software	
Name	Q Filter	
HPRT N	Dymo Label Printer	
	Epson 24-Pin Series	
	Epson 9-Pin Series	
	EPSON FAX	
	EPSON FAX A3	
	HP DeskJet Series HP LaserJet Series PCL 4/5	
	HPRT MT800, 1.0.0	
	Intellitech IntelliBar Label Printer, 2.3	
	Oki 24-Pin Series	
N	Oki 9-Pin Series	
1	Zebra CPCL Label Printer	_
Loca	Cancel	\$
		Add

6. Click "Add".

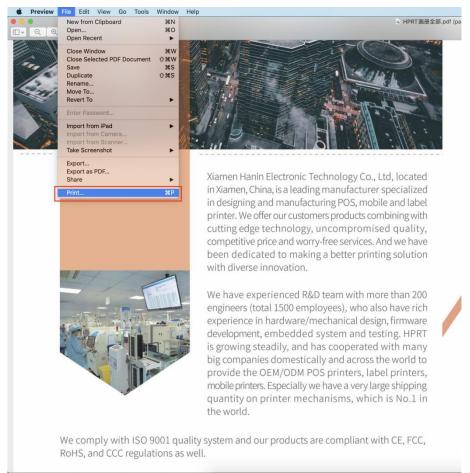
		Add		
<u>a</u>	-	Q Search		
Default IP W	/indows		Search	
Name			✓ Kind	
HPRT MT8003	3		USB	
Name:	HPRT MT8003			
Location:	User's iMac			
Use:	HPRT MT800, 1.0.0)		\$
				Add
				Add



7. MT800 printer has been added.

	Printers & Scanners		Q Search	
Printers HPRT MT8003 • Idle, Last Used		HPRT MT8003 Open Print Queue Options & Supplies Horace's iMac HPRT MT800, 1.0.0 Idle		
+ -	Share this printe	er on the network	Sharing Preferences	
	Default printer:	Last Printer Used	\$	
	Default paper size:	US Letter		?

8. Open the file to print, click "File" and select "Print".





9. Set up as needed, then click "Print".

	Printer: HPRT	МТ8003
	Presets: Defau	It Settings
THE REAL PROPERTY AND A DECIMAL PROPERTY AND A DECIMAL PROPERTY AND A DECIMAL PROPERTY AND A DECIMAL PROPERTY A	Copies: 1	
	Pages: 💽 All	
	Sele	cted Page in Sidebar
	O From	n: 1 to: 1
	Paper Size: Other	ᅌ 8.50 by 11.00 inche
	Orientation:	1.
HTPH I	Prev	view
	Auto Rotate	Show Notes
1 of 20 >	Scale:	60%
	Scale to Fit:	 Print Entire Image Fill Entire Paper
	Copies per page:	1

HPRT

9. Mobile Utility Tool

9.1 Operating System(OS) Environment

Utility Tool is applicable to the following operating system:

- Microsoft Windows 10 (32 bit/64 bit)
- Microsoft Windows 8 (32 bit/64 bit)
- Microsoft Windows 7 SP1 (32 bit/64 bit)
- Microsoft Windows Vista SP2 (32 bit/64 bit)
- Microsoft Windows XP Professional SP3 (32 bit)
- Microsoft Windows Server 2012(64 bit)

9.2 Utility Tool Preparation

The installation file name is HPRTUtilityForMobile_Dealer VX.X.X.X

eg : HPRTUtilityForMobile_Dealer V2.0.0.5



9.3 Using Utility Tool

Warning: Under different operating system, the screen has slight difference. Please operate it according to the tips. Take Windows 7 as example.

1. Unzip the compressed package file, then open the folder, click



to open the Printer

Utility For Mobile.

Printer Utility For Mobile V2.0.0.5	— — X
Printer List:	
MT800 USB USB	Add Printer
	Modify Printer
	Delete Printer
	Connect Test
Function	
Print Self Information Pa	rameter Config
Command Test	
Firmware Update	Quit



9.3.1 Add Printer

1. Click "Add Printer".

Printer Utility For Mobile V2.0.0.5	
Printer List:	
MT800 USB USB	Add Printer
	Modify Printer
	Delete Printer
- 	Connect Test
Function	
Print Self Information	Parameter Config
Command Test	
Firmware Update	Quit

2. Choose the right printer model and port type, then click "OK".

Port infomatio		_
Port Type:	USB	•
Automatic Id	entification port.	

3. Add printer is finished.



9.3.2 Modify Printer

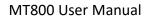
1. Choose the printer that needs to be modified. Click on "Modify Printer".

Printer Utility For Mobile V2.0.0.5	
Printer List:	
MT800 USB USB	Add Printer
MT800 USB USB	Modify Printer
	Delete Printer
	Connect Test
Function	
Print Self Information	Parameter Config
Command Test	
Firmware Update	Quit

2. Choose the printer model and port type that needs to be modified, then click "OK".

Port infomation Port Type:	USB	-
Automatic iden	USB	
noto noticitati	LPT NET	

3. Modify the new printer is finished.

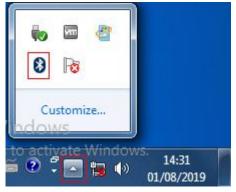




4. For example, when connecting via Bluetooth, you need to change the port to COM to connect. Please do as follows:

1) Turn on the printer.

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

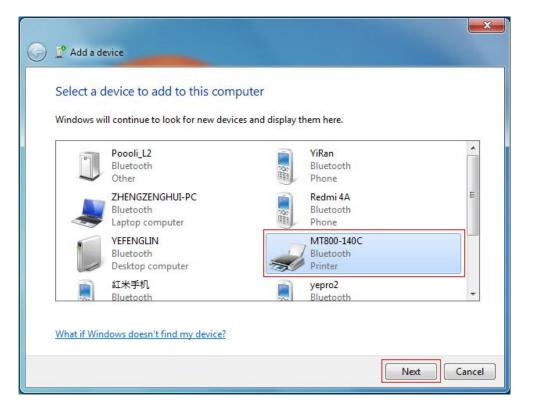


3) Right click the icon, choose "Add a Device".

	evice to Co Jetooth De	
Send a Fil	le	
Receive a	File	
Join a Per	sonal Area	Network
Open Set	tings	
Remove I	con ø	
Custo	mize	
dows		



4) Find the corresponding printer, click "Next".



5) Add a printer successfully as shown in the figure. The printer takes MT800-140C for an example.







6) Click "Start" \rightarrow "Devices and Printers". Right click "MT800-140C" and choose "Properties".

Control Panel + Hardware and Sound + Devices and Printers	• + Search Devices and Printers P
Add a device Add a printer Remove device	•••
Devices (5)	
CSR8510 A10 CSR8510 A10 Generic Non-PnP Monitor HONGRUI-PC HONGRUI-PC USB Mouse VMware Virtual USB Mouse VMware, VMware Virtual S CSI Disk Device	
Fax HPRT MT800(300dpi) Microsoft XPS Document Writer MT800-1 Properties	
MT800-140C Category: Printer	

7) In "MT800-140C Properties", choose "Services" and find the corresponding port. As shown in the figure, the port of MT800-140C is COM3.

MT800	-140C Pro	perties					X
General	Hardware	Services	Bluetoc	th			
Blueto		tooth devic elect the c			ing servic	es. To use	a
A	ple Inc.						
V Se	erial port (SF	P) 'SerialPo	ort"		COM3		
W	eChat					0.00	
		6					
			OK		Cancel		Apply



8) Open the printer utility and click "Modify Printer".

Printer L	Itility For Mobile V2.0.0.5	
Printer List		
MT800	USB USB	Add Printer
MT800	USB USB	Modify Printer
		Delete Printer
2		Connect Test
Function		
	Print Self Information	Parameter Config
	Command Test	
	mware Update	Quit

9) Choose "Printer Model" as MT800, "Port Type" as COM, "COM Port" as COM3. Then click "OK".

ort infomation		
ort Type:	СОМ	-
COM Port:	COM3: 👻	
Baud Rate:	115200 👻	
Data Bits:	7 🔹	
Parity:	Even 🔹	
Stop Bits:	1	
Flow Control:	Xon/Xoff 👻	



10) Modify printer successfully.

Printer Utility For Mobile V2.0.0.5	
Printer List:	
MT800 COM COM3,115200,e,7,1,x MT800 USB USB	Add Printer
141800 03B 03B	Modify Printer
	Delete Printer
	Connect Test
Function	
Print Self Information P:	arameter Config
Command Test	
Firmware Update	Quit

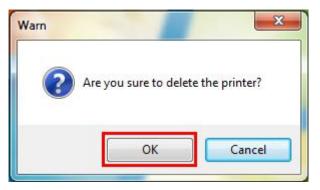


9.3.3 Delete Printer

1. Choose the printer which you want to delete in the list, then click "Delete Printer".

inter Lis	t: Line line	
MT800	USB USB	Add Printer
MT800	USB USB	Modify Printer
		Delete Printer
		Connect Test
Function		
	Print Self Information	Parameter Config
	Command Test	

2. Click "OK ", then the printer is deleted.





9.3.4 Connection Test

1.	Click '	"Connection	Test". If the	connection is	s successful.	it will a	ppear the fo	llowing window.
	00.	0011110001011	1000 111 0110					

Printer Utility For Mobile V2.0.0.5	
Printer List:	
MT800 USB USB	Add Printer
MT800 USB USB	
	Modify Printer
	Delete Printer
	Connect Test
Function	
Print Self Information	Parameter Config
Command Test	
Firmware Update	Quit



Note:

- 1. Make sure the printer is connected with computer and power on.
- 2. Before using the following functions, carry out the "Connection Test" first.



9.3.5 Functions

The function of Printer Utility For Mobile contains four items. Click the button and printer will execute the appropriate action.

Note:

The following screen may differ depending on the device to which you connect. Please operate it according to the actual interfaces.

Printer Utility For Mobile V2.0.0.5	— — X
Printer List:	
MT800 USB USB	Add Printer
MT800 USB USB	Modify Printer
	Delete Printer
	Connect Test
Function	
Print Self Information	Parameter Config
Command Test	
Firmware Update	Quit

1. Print Self Information: the printer will print out setting information.



2. Parameter Config: to set "Bluetooth", "Print Density", "Power Down Time" in the Parameter setting. When completing the above settings, please restart the printer.

BT Name:	MT800		(<=32 ASCII Chars)
Password:	0000		(4 Numeral)
Power Down Tim	_	((5-360)Minutes))
Print Density:			

Note: Power Down Time is only valid for unconnected Bluetooth.



9.4 Firmware Update

1. Click "Firmware Update".

Printer Utility For Mobile V2.0.0.5	
Printer List:	
MT800 USB USB	Add Printer
	Modify Printer
	Delete Printer
	Connect Test
Function	
Print Self Information	Parameter Config
Command Test	

2. Select the appropriate upgrade file and click "Download".

💮 Update Firmware	×
Select File:	
C:\Users\HongRui\Desktop\MT800_MB3_V1.00.10.	00_Beta2.bin
	Cancel
Size:185kb;Download:102kb.	
-	

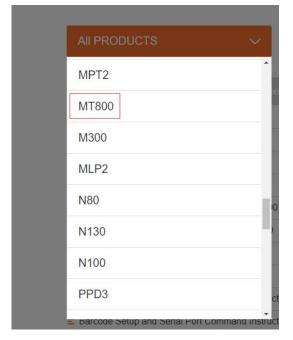


3. The firmware upgrade was successful and please restart the printer.



10. Software Download

- 1) Log in the HPRT website http://www.hprt.com/Downloads.html
- 2) Choose product model "MT800".



3) Choose "Drivers" or "Utility" as needed.

AII TYPE 🗸 🗸	
All TYPE	*
Manual	
Label Editor	
Drivers	
SDK	
Leaflet	
Utility	Ŧ



4) Click "Download".

				Download
■ Drivers for MT800	Drivers	Windows	v2.6.7.0	🛃 Download



FCC WARNING

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.