TM-P60II w/ Zebra Emulation Setup Manual - 05/14

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Printer configuration requirements

TM-P60II must have Zebra emulation enabled and "printer class" USB mode selected. The other settings are optional, depending on the application's requirements. Refer to the attached printer self test (Appendix A) for the completed configurations. Use TM-P60 Configuration Utility revision 2.09 or above to change the settings.

Desktop application with USB connection

- 1 Copy and unzip the TM-P60II printer class driver to a folder on your PC.
- 2 Attach the USB cable to the printer, plug it in to an available port on the PC, and turn on printer power.
- 3 When the Printer is connected while set to "USB = Printer class" a Driver will not be found...
- 4 A window advising that a Driver was not installed will appear. Close that window.

Driver Software Installation		×
Device driver software was n	ot successfully installed	
USB Printing Support EPSONTM-P60IIPeeler	Ready to use No driver found	
What can I do if my device did not ins	tall properly?	
		Close

5 Go to Device Manager and right click on the printer at "Other Devices". Select Update Driver Software...



6 Select Browse my computer for driver software...



- 7 Browse to the folder where you unzipped the PrintClass Driver.
 - a. Point to the "Driver folder if your PC OS is Win 32 bit.
 - b. Point to the Driver64 folder if your PC OS is Win 64 bit.



8 Click Next...

	×
G 🗓 Update Driver Software - EPSONTM-P60IIPeeler	
Browse for driver software on your computer	
Search for driver software in this location:	
\P60II\Win Printer Class Driver\TMP60IIP PrintClass Driver\Driver64 ▼ Browse	- 1
☑ Include subfolders	
→ Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.	
<u>N</u> ext	Cancel

9 Select "Epson TM-P60IIPeeler ReceiptE4", and click Next.

3	Update Driver Software - EPSONTM-P60IIPeeler	
	Please select the best match for your hardware	from the list below.
	Description Version Manuf	acturer Location
	EPSON TM-P60IIPeeler ReceiptE4 4.0.55.0 EPSON	c:\agw013\p60ii\win print
	EPSON TM-P60IIPeeler ReceiptE4 4.0.55.0 EPSON	c:\agw013\p60ii\win print
	EPSON TM-P60IIPeeler LabelE4 4.0.55.0 EPSON	c:\agw013\p60ii\win print
	<	4
	This driver is digitally signed. <u>Tell me why driver signing is important</u>	
		<u>N</u> ext Cancel

- -----

10 Click Close when the update is complete.



11 After the update is complete, a new printer "EPSON TM-P60IIPeelerReceiptE4" will be listed in the "Printers and Faxes" list.

Control Panel > Hardware	and Sound 🔸 Devices and Pri	nters 🕨		- 4 Search Devices 🔎
Add a device Add a printer See what	's printing Print server pro	operties Remove device		!≡ ▼ 🔞
Name	Classification	Device category	Manufacturer	Status
Devices (7)				
AGW013	Devices	Computers	Hewlett-Packard	
BCM92045DG-Flash UHE	Devices	Network: External Adapter		
HP W2371d LED Backlit Monitor	Devices	Displays and Projectors		
FIND THE W2371d LED Backlit Monitor	Devices	Displays and Projectors		
Microsoft USB Dual Receiver Wireless M	Devices	Keyboards, Mice and Oth		
Microsoft Wireless Transceiver	Devices	Other	Microsoft Corporation	
📟 Wireless Keyboard 6000	Devices	Keyboards, Mice and Oth	Microsoft Corporation	
 Printers and Faxes (10) 				
📾 EPSON GP-C831	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🕢 EPSON TM-C3400	Printers and Faxes	Printers and Faxes		0 document(s) in queue
EPSON TM-P60IIPeeler ReceiptE4	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🚔 Fax	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🖶 Microsoft XPS Document Writer	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🖶 PDF Complete	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🖶 Send To OneNote 2010	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🖶 TM-C3500(Network)	Printers and Faxes	Printers and Faxes		0 document(s) in queue
🖶 WP-4533 Series(Network)	Printers and Faxes	Printers and Faxes		0 document(s) in queue
😨 Zebra ZP 450-200 dpi	Printers and Faxes	Printers and Faxes		0 document(s) in queue
EPSON TM-P60IIPeeler Rece	iptE4 State: 33 Shared Model: EPSON TM-P	Status: 0 docume	nt(s) in queue	
	Category: Printer			

12 Direct the label application to the printer "EPSON TM-P60IIPeelerReceiptE4".

Handheld with Bluetooth

- Device name: TM-P60II
- Passkey: 0000

If necessary these parameters can be changed with the TM-P60 Configuration Utility.

Handheld with WiFi

- SSID: EpsonNet
- Mode: Infrastructure
- IP: 192.168.192.168

These parameters can be configured by EpsonNet Config utility.

EpsonNet Config requires the following...

- a) The Tmusbxp.sys driver muist be loaded.
 Copy and unzip TMUSB_610 to a folder on your PC.
 Run TMUSB\Setup.exe
- b) The printer is set to "Vendor class" USB mode To determine vendor class or printer class, run the printer self-test, the mode is printed in the middle of the self-test page (See Appendix A).

How to run printer self test

- 1 Turn off printer power, install media, close cover.
- 2 Turn on printer power while holding feed button.
- 3 Release the button when the printer starts printing.

Use the TM-P60 Configuration Utility to switch to "vendor class" USB mode if the printer is currently in printer class USB mode.

Return the printer to "printer class" USB mode when configuration is completed.

Launch the TM-P60 Configuration Utility

1 Click on Connection, then Connection Settings.



2 Select USB Port (Printer Class) or USB Port (TMUSB i.e. Vendor Class). Click OK...

Then click on Connection, and Connect.

Conne	ction Setting	5	×
000	USB Port (Prin USB Port (TML Serial Port	ter Class) JSB)	
	Com Port:	COM1 💌	
	Baud Rate:	19200 💌	
	Data Bits:	8	
	Stop Bits:	1	
	Parity:	None	
	Handshake:	DTR/DSR	
_	ОК	CANCEL	

3 The Connected message will appear...Click OK.



4 Click on Configuration, then Switch USB Class (Vendor/Printer).Note: After switching USB mode, reconnecting using the new class is required in order to continue using the utility.



5 Click Yes to Switch to Vendor Class.



6 The Printer will Reset / No Message will appear.

To configure the LAN parameters, Install EpsonNet Config.

Launch the EpsonNet Config Utility, select "Refresh" if the printer does not appear...

Highlight the printer and click "Configuration".

🐹 EpsonNet Config			150	the the	
Device(<u>D</u>) Display(<u>V</u>)	Tools(<u>T</u>) Help(<u>H</u>)				
Epsoni Config	let				EPSON
😵 Refresh 🚊	Configuration 🚛 Launch B	rowser	Filter: (All)		•
Model Name	MAC Address	IP Address	Route		
OTM Printer	147DC53232CE	192.168.192.168	USB		
Press the [F5] key to ref	resh.				Ready

Click "Network – Basic (Wireless)" and enter the correct parameters, i.e. SSID, Security Level, etc.

Network Interface	Basic Settings			
E Information Basic	Communication Mode:	Infrastructure		
Administration Infor	Wireless Mode:	Auto		
Network Basic (Wireless)	SSID:	EpsonNet	•	Refresh
Detailed (Wireless)	Channel:	1		
Basic	Send Transmission Rate:			
DNS Bonjour	Receive Transmission Rate:			
E- SNMP	Security			
Access Control	Security Level:	WPA-PSK (TKIP)	•	Detailed
Port Control	WPA Settings			
Certificate	PSK (Pre-shared Key):			
Administrator Settings — Administrator Informatic	Reenter PSK (Pre-shared Key):			
Default Settings				
4 111				

Click **"TCP/IP – Basic"** and enter the correct LAN parameters.

To enable DHCP, select Automatic (Clear - "Set using Automatic Private IP Addressing (APIPA))

Device Properties	-	a monore		×
- Network Interface - Information	Method for Specifying IP Address			
Basic	 Automatic 	Manual		
Administration Infor	Set using Automatic Private IP Addressing	g (APIPA)		
- Network	L			
Basic (Wireless)	IP Address Setting			
Detailed (Wireless)	IP Address:			
⊟ TCP/IP <mark>Basic</mark>	Subnet Mask:			
DNS	Default Gateway:			
Basic				
Access Control				
Port Control				
Certificate				
Administrator Settings				
Password				
Default Settings				
<				
		Transmit	Cancel	Help

To Use a **Fixed IP address**, select Manual and enter the correct parameters.

Device Properties	Contraction in the					x
- Network Interface	Method for Specifying IP Address					
	Automatic	Ma	anual			
Administration Inform	Set using Automatic Private IP Addressing (A	APIPA)				
Basic (Wired)	IP Address Setting					\equiv .
TCP/IP	IP Address:	192	. 168	. 192	. 168	
DASIC	Subnet Mask:	255	. 255	. 255	. 0	
WSD	Default Gateway:	255	. 255	. 255	. 255	
Administrator Settings Password Default Settings						
		Tran	nsmit	Cancel	Help	

Click "OK" at the "complete message



Appendix A – Printer self- test printouts



Appendix B - TM-P60 Configuration Utility Detailed Setup

Select Manual Configuration

Repson -TM-P60	Configuration Utility
File Connection	Configuration Help
	Manual Configuration
	Switch USB Class (Vendor/Printer)
	EDCON
	EPSUN
	EXCEED YOUR VISION

Printer Settings

Manual Configuration				and the second second	×
Configuration	Printer Settings				
Printer Settings	Print Density:	120%	-		
Paper Layout Settings	Sleep Timeout:		min	☑ Disable Sleep Timeout	
Save To File Load Fr	om File Write 1	To Printer R	ead From Printer		Close

Print Density - adjusts the darkness of print. Sleep Timeout - adjusts the idle time after which the printer will time out / go to sleep.

Memory Switch Settings

Manual Configuration		X				
Configuration Printer Settings Memory Switch Settings Paper Layout Settings Bluetooth I/F Settings	Memory Switch Settings Zebra Emulation	Zebra Language O CPCL/ZPLII O CPCL/EPLII TOF Sensor Black Mark O Gap Cover Close Alignment Enable Disable isable isable				
Save To File Load From File Write To Printer Read From Printer Close						

- Zebra Emulation sets the printer to Zebra or Epson mode.
- Zebra Language selects the applicable Zebra syntax.
- ZPLII Upside Down inverts the print data.
- TOF Sensor selects the applicable media detection method.
- Power On Alignment sets the media to the print start position upon power on.
- Cover Close Alignment sets the media to the start print position whenever the cover is closed.
- Buzzer sets audible tones when the indicated conditions occur.

Paper Layout Settings

Manual Configuration			-		×
Configuration Printer Settings	Paper Layout Settin	gs			
Memory Switch Settings	Label Length:	315	x 1/10 mm =	= 1.24	inch
Bluetooth I/F Settings	TOF Offset:	0	x 1/10 mm =	= 0.00	inch
	Label Auto Det	tection			
Save To File	om File Write T	Fo Printer Read Fr	om Printer		Close

- Label Length sets the media height when printing upside down.
- TOF Offset adjusts the vertical position of the first printed line on the form (top margin).
- Label Auto Detection starts a printer media alignment sequence to set the media size.
 Note: it will save the values automatically.

Note:

Label length is required when the ZPL upside down print command is enabled. When the upside down print command is disabled, label length is not used, even though it's defined in the printer. Label length is defined as from top label edge to bottom label edge, excluding liner.

The values can be entered manually or "Label Auto Detection" can be used. "Label Auto Detection" feeds 6 labels, calculates the label length, updates the values on the screen, and stores the value in printer NV.

Caution:

When using Label Auto Detection, it is very important to place the paper guide in proper position, to prevent the label shifting during the length detection. Since the label sensor is mounted on the side, label shifting away from the sensor may result in incorrect length detection.

When the label length is entered manually, pressing the "Write to Printer" button will save the length in printer NV.

Bluetooth I/F Settings

Manual Configuration			
Configuration	Bluetooth Settings		
Printer Settings Memory Switch Settings	Bluetooth Device Name:	T3LF000029	Use Serial Number
Bluetooth I/F Settings	Bluetooth Passkey:	0000	
Save To File Load Fro	Write To Printer	Read From Printer	Close

- Bluetooth Device Name assign a unique name or check "Use Serial Number"
- Bluetooth Passkey assign a unique passkey or accept the default.

Save to File – When all settings are complete, save them for ease of configuration of other units.

Load From File – Retrieve settings previously saved.

Write to Printer – When all settings are complete, write them to the attached printer.

Read From Printer - Settings are automatically read from the printer when "Connected".

<u>Close</u> – Exit the Utility.