

NOTE: In the interest of higher quality and value, Panduit products are continually being improved and updated. Consequently, pictures may vary from the enclosed product.

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FCC COMPLIANCE STATEMENT FOR AMERICAN USERS

This equipment has been tested and found to comply with the limits for a CLASS A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at own expense.

EMS AND EMI COMPLIANCE STATEMENT FOR EUROPEAN USERS

This equipment has been tested and passed with the requirements relating to electromagnetic compatibility based on the standards EN 55022:1998+A1:2000+A2:2003, CISPR 22, Class A EN 55024:1998+A1:2001+A2:2003, IEC 61000- 4 Series EN 61000-3-2 / 2000 & EN 61000-3-3 / 1995. The equipment also tested and passed in accordance with the European Standard EN55022 for both Radiated and Conducted emissions limits.

KC COMPLIANCE STATEMENT FOR KOREAN USERS

A급 기기 (업무용 방송통신기자재) Class A Equipment (Industrial Broadcasting & Communication Equipment)

이 기기는 업무용(A급) 전자파적합기기로서 판 매자 또는 사용자는 이 점을 주의하시기 바라 며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

This equipment is Industrial (Class A) electromagnetic wave suitability equipment and the seller or user should take notice of it, and this equipment is to be used in places except for home.

TDP43ME PRINTER TO WHICH THIS DECLARATION RELATES IS IN CONFORMITY WITH THE FOLLOWING STANDARDS

EN55022 : 1998, CISPR 22, Class A / EN55024 : 1998 IEC 61000-4 Serial / EN61000-3-2 : 2000 / EN 6100-3-3 : 1995 / CFR 47, Part 15/CISPR 22 3rd Edition : 1997, Class A / ANSI C63.4 : 2001 / CNS 13438 / IEC60950-1 : 2001 / GB4943 : 2001 / GB9254 : 1998 / GB17625.1 : 2003 / EN60950-1 : 2001

Specifications are subject to change without notice.



Safety Instructions

	<p>WARNING</p> <p>Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.</p>
	<p>WARNING</p> <p>Hazardous moving parts. Keep fingers and other body parts away.</p>
	<p>CAUTION</p> <p>Danger of explosion if battery is incorrectly replaced. Replace only with the equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.</p>
	<p>CAUTION</p> <p>Electric Shock Hazard:</p> <p>Before you connect the equipment to the power outlet, please check the voltage of the power source. Disconnect the equipment from the voltage of the power source to prevent possible transient overvoltage damage.</p> <ul style="list-style-type: none">• Don't pour any liquid into the equipment to avoid electrical shock.
	<p>CAUTION</p> <p>□ Keep the equipment away from moisture and humidity.</p>
	<p>CAUTION</p> <ul style="list-style-type: none">□ ONLY qualified service personnel for safety reasons should open equipment.□ Don't repair or adjust energized equipment alone under any circumstances. Someone capable of providing first aid must always be present for your safety.□ Always obtain first aid or medical attention immediately after an injury. Never neglect an injury, no matter how slight it seems.



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1. Printer

1-1. Printer Accessories

After unpacking, please check the accessories that come with the package, and store them appropriately.

- ◆ TDP43ME printer
- ◆ Power cord
- ◆ Switching Power Adaptor
- ◆ USB Cable
- ◆ Configuration Label
- ◆ Ribbon
- ◆ Empty Ribbon Core
- ◆ Thermal Print Head Cleaning Pen
- ◆ TDP43ME Quick Guide
- ◆ Easy-Mark Plus™ CD (Labeling Software)
- ◆ TDP43ME CD (Drivers, control center & instruction manual)
- ◆ Label Roll Core
- ◆ Label Roll Core Side Plates
- ◆ Ribbon Rewind Shafts (2)
- ◆ Utility Knife
- ◆ Warranty Card

1-2. General Specifications

Model	TDP43ME
Resolution	300 dpi (12 dot/mm)
Print Mode	Thermal Transfer
CPU	32 Bit
Memory	4MB Flash, 8MB SDRAM
Print Speed	2 IPS ~ 4 IPS
Print Length	Min 12mm (0.47"), Max 762mm (30")
Print Width	105.7mm (4.16")
Sensor Type	Adjustable Reflective sensor; Fixed transmissive, center aligned
Sensor Detection	Type: Label gap and black mark sensing. Detection: Label length auto sensing and / or program command setting
Media	Label Roll OD: Max. 4.92" (125mm) Core Diameter: 1" (25mm), 1.5" (38mm), 3" (76mm) Width: 1" (25mm) ~ 4.64" (118mm) Thickness: 0.0025" ~ 0.0098" (0.06~0.25mm)
Ribbon	Length: 981 ft. (300M) Max. ribbon roll OD: 2.67" (68mm) Type: transfer ribbons (hybrid, and resin) in widths of: 2.5" to 4.33" (64mm to 110mm) Core Inner Diameter: 1" (25.4mm)
Printer Language	EZPL Programming Language
Software	<ul style="list-style-type: none"> • DLL & Driver: Microsoft Windows 2000, Vista (32 & 64 bit); Microsoft Windows 7, 10 & 11 (32 & 64 bit) Easy-Mark Plus™ Labeling Software



Image Handling	Support BMP and PCX. Support ICO, WMF, JPG, EMF file through software. Support image resize, rotating, mapping and inverse through software.
Resident Barcodes	Code 39, Code 93, Code 128 (subset A, B, C), UCC/EAN-128 K-Mart, UCC/EAN-128, UPC A / E (add on 2 & 5), I 2 of 5, I 2 of 5 with Shipping Bearer Bars, EAN 8 / 13 (add on 2 & 5), Codabar, Post NET, EAN 128, DUN 14, MaxiCode, HIBC, Plessey, Random Weight, Telepen, FIM, China Postal Code, RPS 128, PDF417, Datamatrix code & QR code
Interfaces	Serial port: RS-232 (Baud rate : 4800 ~ 115200 , Xon/Xoff , DSR/DTR) USB port: V2.0 Ethernet TCP/IP Port (wireless – optional)
Control Panel	Two Bi-color LED: Ready, Status Function Key: FEED
Power	Auto Switching 100/240VAC, 50/60 Hz
Environment	Operation: 41°F to 104°F (5°C to 40°C) Storage: -4°F to 122°F (-20°C to 50°C)
Humidity	Operation: 30-85%, non-condensing. Free air. Storage: 10-90%, non-condensing. Free air.
Cert. Approval	CE, FCC Class A, CCC, CB, cUL, RoHS, WEEE, KC, NOM
Printer Dimension	Length: 11.2" (285 mm) Height: 6.8" (171 mm) Width: 8.9" (226 mm) Weight: 6 lbs. (2.72 Kg)

Specifications are subject to change without notice.



1-3. Communication

Serial Interface

Serial Default : 9600 baud rate, no parity, 8 data bits, 1 stop bit, XON/XOFF protocol and
Setting : RTS/CTS.

RS232 HOUSING (9-pin to 9-pin)

DB9 SOCKET		DB9 PLUG
---	1	1
		+5V,max 500mA
RXD	2	2
		TXD
TXD	3	3
		RXD
DTR	4	4
		N/C
GND	5	5
		GND
DSR	6	6
		RTS
RTS	7	7
		CTS
CTS	8	8
		RTS
RI	9	9
		N/C
PC		PRINTER

[Note] The total current output from serial port cannot exceed 500mA.



USB Interface
Connector Type : Type B

PIN NO.	1	2	3	4
FUNCTION	VBUS	D-	D+	GND

Internal Interface

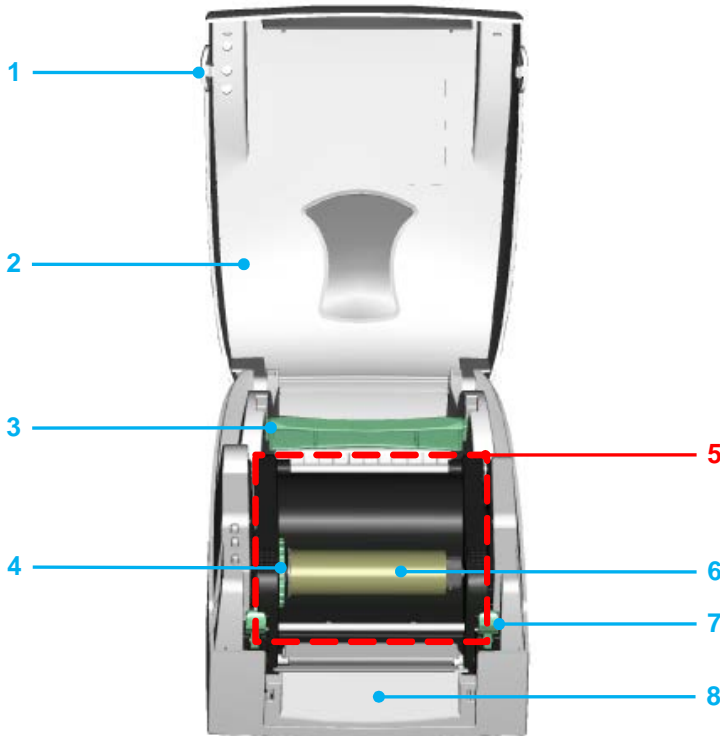
UART1 wafer	
N.C	1 _____ 1
TXD	2 _____ 2
RXD	3 _____ 3
CTS	4 _____ 4
GND	5 _____ 5
RTS	6 _____ 6
E_MD	7 _____ 7
RTS	8 _____ 8
E_RST	9 _____ 9
+5V	10 _____ 10
GND	11 _____ 11
+5V	12 _____ 12

Ethernet module	
N.C	
RXD	
TXD	
RTS	
GND	
CTS	
E_MD	
CTS	
E_RST	
+5V	
GND	
+5V	

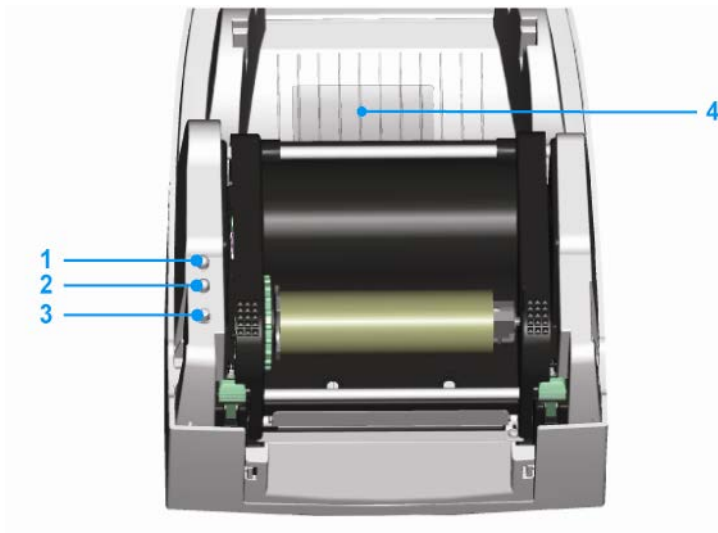
UART2 wafer	
+5V	1 _____ 1
CTS	2 _____ 2
TXD	3 _____ 3
RTS	4 _____ 4
RXD	5 _____ 5
GND	6 _____ 6

Expansion module	
+5V	
RTS	
RXD	
CTS	
TXD	
GND	

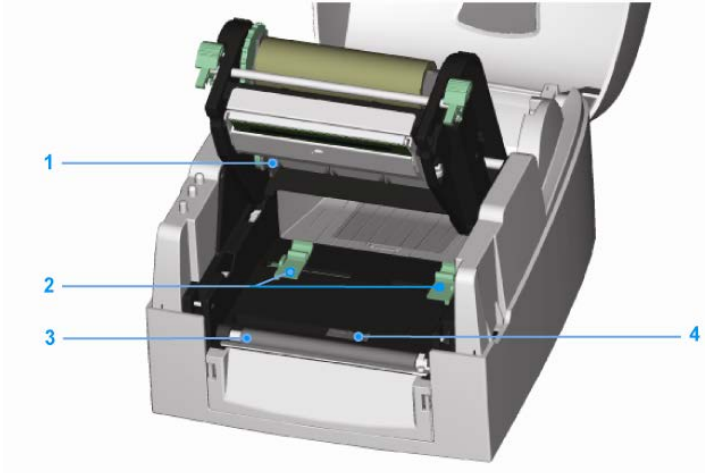
1-4. Printer Parts



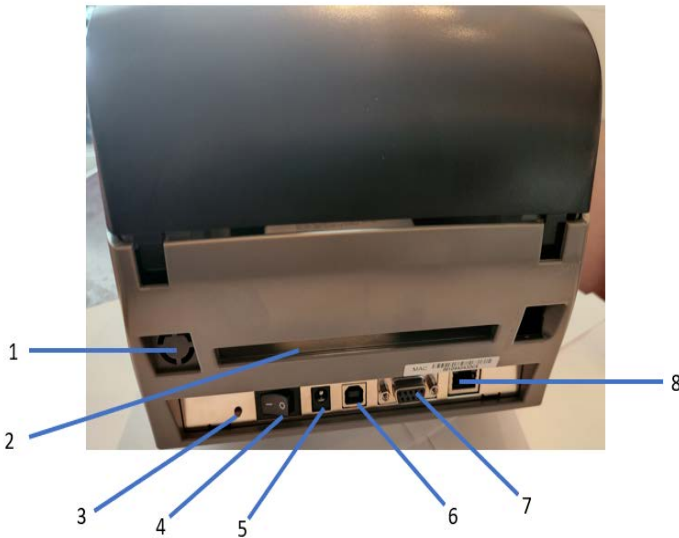
- 1. Cover Open Button
- 2. Top Cover
- 3. Label Roll Core
- 4. Ribbon Rewind Wheel
- 5. Print Mechanism
- 6. Ribbon Rewind Shaft + Empty Ribbon Roll
- 7. Locking Tenon (left/right)
- 8. Front Cover Piece



- 1. LED Light (Ready)
- 2. LED Light (Status)
- 3. FEED Key
- 4. CF Card Slot Cover



- 1. Ribbon Supply Shaft
- 2. Label Guide (2)
- 3. Platen Roller
- 4. Label Sensor



- 1. Wireless Port / Antenna (optional)
- 2. Rear Label Slot
- 3. Label Calibration Button
- 4. Power Switch
- 5. AC Adapter Socket
- 6. USB Port
- 7. Serial Port
- 8. Ethernet Socket

Note: Label Calibration Button (Item #3)

A hardware button to make a label calibration. This button can be used if the printer encounters a "Media Error" during printer start up or during changes of the label or ribbon material. (Press Calibration-button for 2 seconds, it will autosense to calibrate according to the label and ribbon parameters).

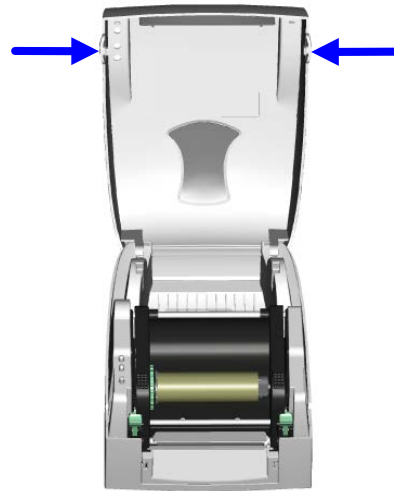
2. Printer Installation

This printer model has the following print modes:

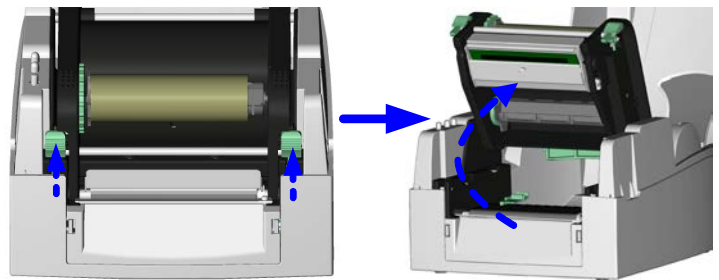
Thermal Transfer (TT)	When printing, ribbon must be installed to transfer the print contents onto the media.
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2-1. Ribbon Installation

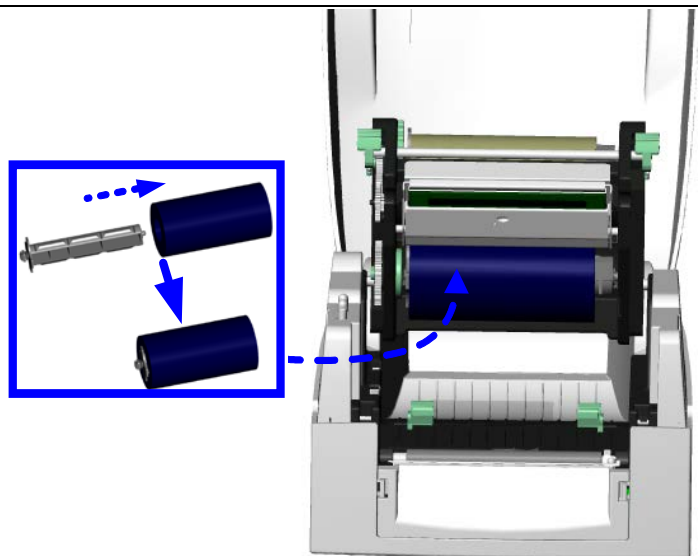
- 1. Place the printer on a horizontal surface and open the top cover by pressing the Cover Open Buttons on both sides.



- 2. Loosen and then lift the upper print mechanism by pressing the locking tenons.



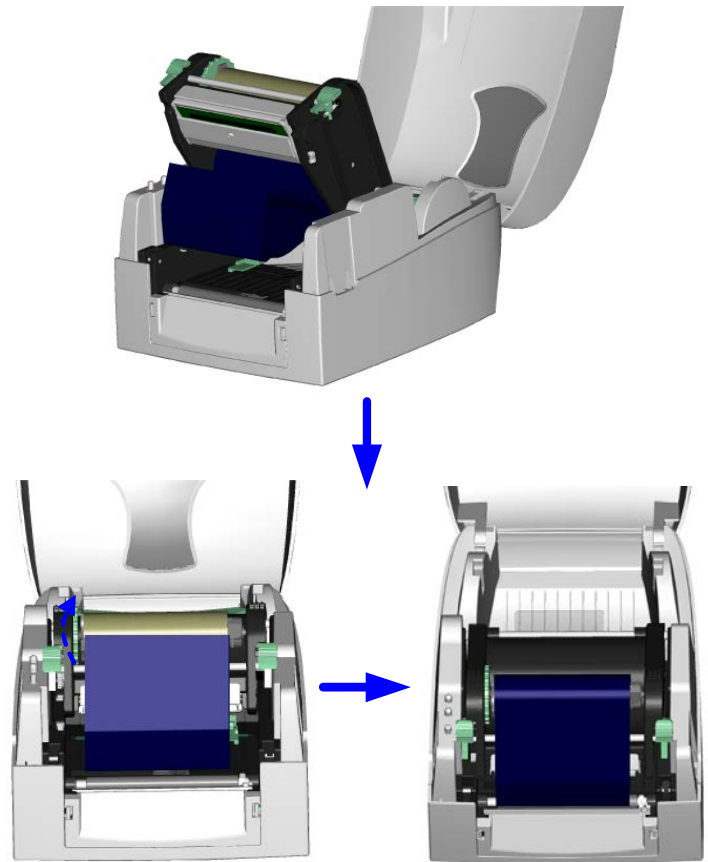
- 3. Place a new ribbon roll onto the ribbon supply shaft.



- 4. Feed the ribbon from the Ribbon Supply Shaft under the Print Head.
- 5. Wrap the ribbon around the Ribbon Shaft and stick the ribbon onto the Empty Ribbon Roll Core.

[Note]
The Ribbon Core must not spin freely on Ribbon Shaft (Mandrel).


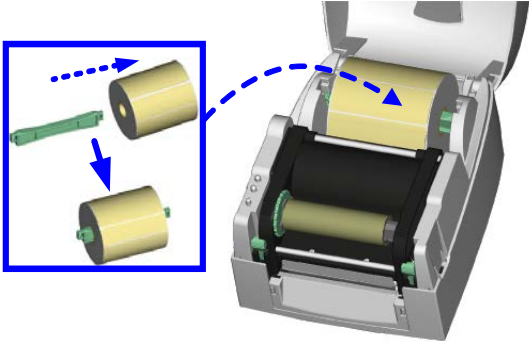
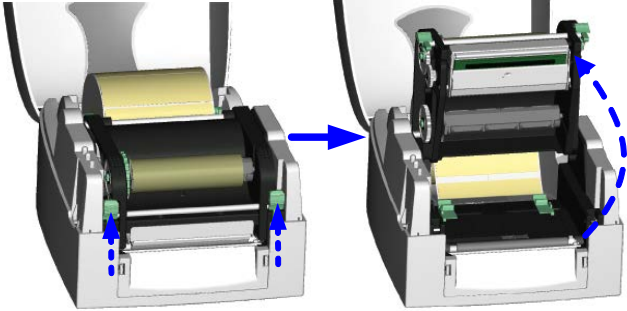
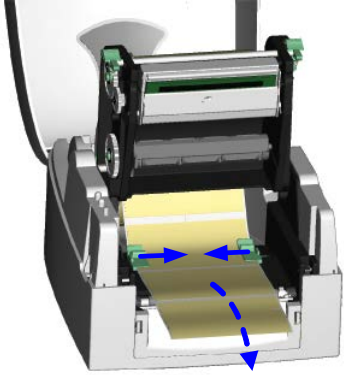
[Note]
Ribbon must be coated side out (away from print head contact).



- 6. Firmly close the upper print mechanism, pressing down firmly on both sides of print mechanism.



2-2. Label Installation

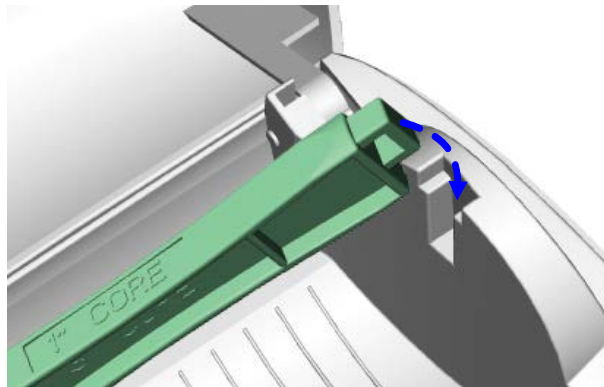
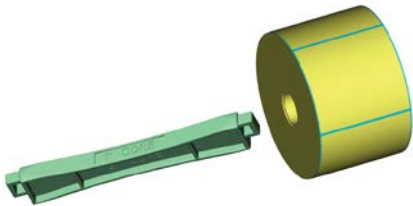
<p>1. Open the top cover by pressing the Cover Open Buttons on both sides.</p>	
<p>2. Place the label roll onto the Label Roll Core.</p>	
<p>3. Loosen and lift the upper print mechanism by pressing the locking tenons.</p>	
<p>4. Feed the label through the two Label Guides to the Tear-off Bar.</p> <p>5. Align the label guides to the label edge.</p>	

- 6. Close the upper print mechanism from the top to finish label installation, pressing down firmly on both sides of the printer mechanism.



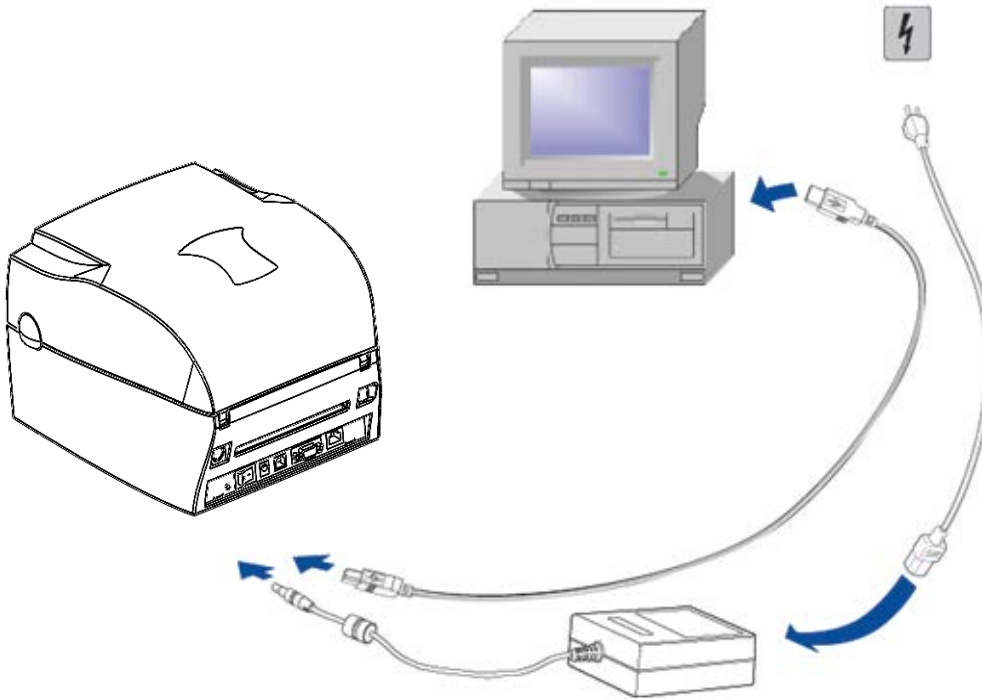
2-3. Label Roll Core Installation Instruction

1" roll core installation



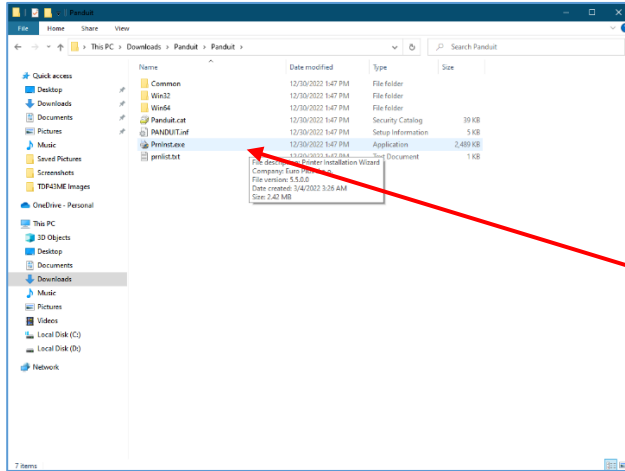
2-4. PC Connection

1. Please make sure the printer is powered off.
2. Plug the power cable into the power adapter; then connect the power adapter end to the printer power socket; and the power cable into the power source outlet.
3. Connect the USB cable to the USB port on the printer and on the PC.
4. Power on the printer and the printers' LED will light.



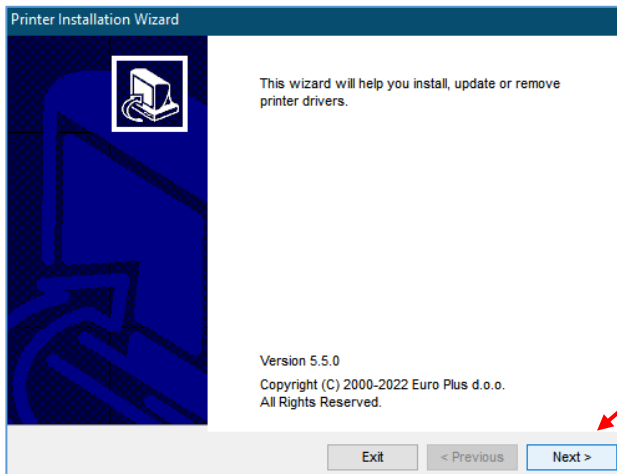
2-5. Driver Installation

If The Printer Is To Be Installed On A USB PORT:



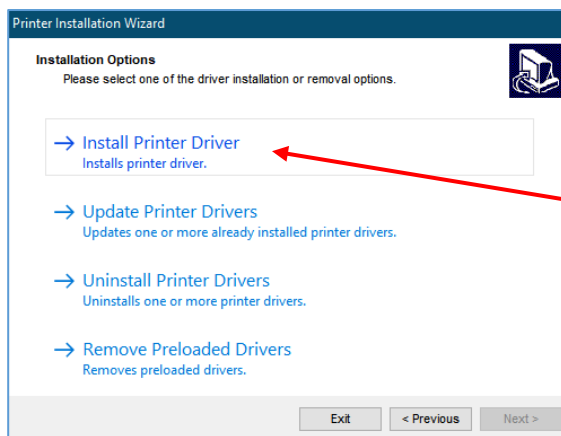
Navigate to the Panduit folder from the driver .iso file or from the downloadable .zip file at Panduit.com.

Double click PrnInst.exe.



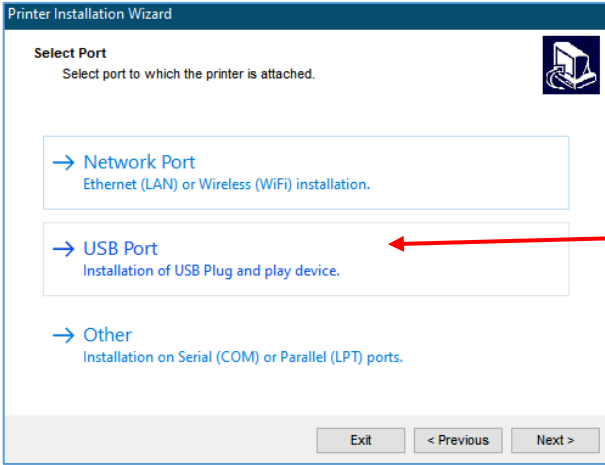
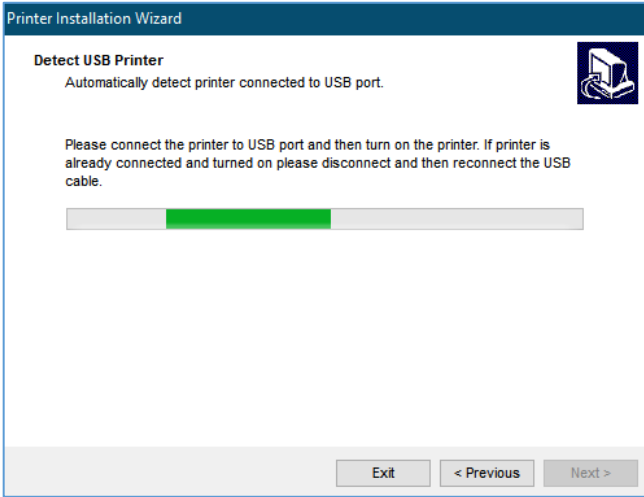
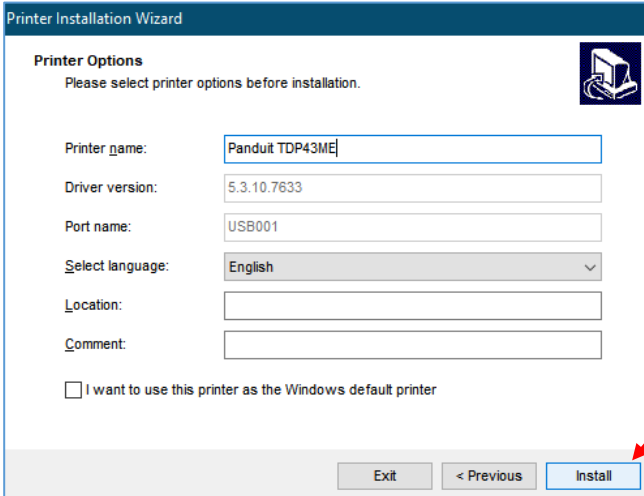
A popup will appear. Click YES.

Click NEXT.

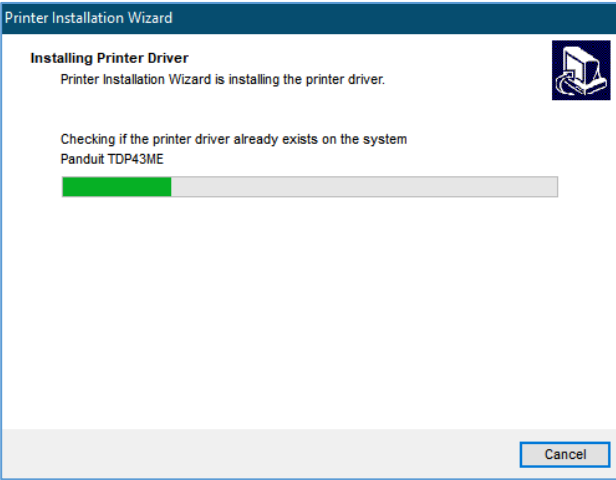


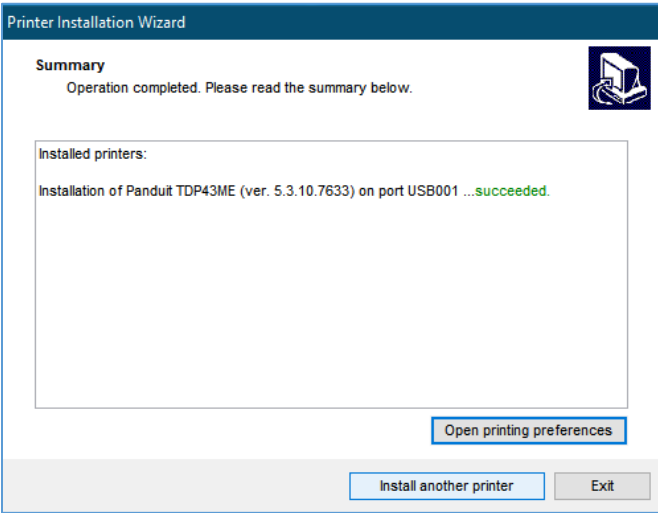
Click INSTALL PRINTER DRIVER.



 <p>The screenshot shows the 'Select Port' step of the Printer Installation Wizard. It lists three options: Network Port, USB Port, and Other. A red arrow points to the 'USB Port' option.</p>	<p>Click USB PORT.</p>
 <p>The screenshot shows the 'Detect USB Printer' step. It instructs the user to connect the printer to a USB port and turn it on. A progress bar is partially filled with green.</p>	<p>Follow the directions from the Printer Installation Wizard.</p>
 <p>The screenshot shows the 'Printer Options' screen. Fields include Printer name (Panduit TDP43ME), Driver version (5.3.10.7633), Port name (USB001), Select language (English), Location, and Comment. A checkbox for 'I want to use this printer as the Windows default printer' is unchecked. A red arrow points to the 'Install' button.</p>	<p>Click INSTALL.</p>



	<p>Wait while the driver installs.</p>
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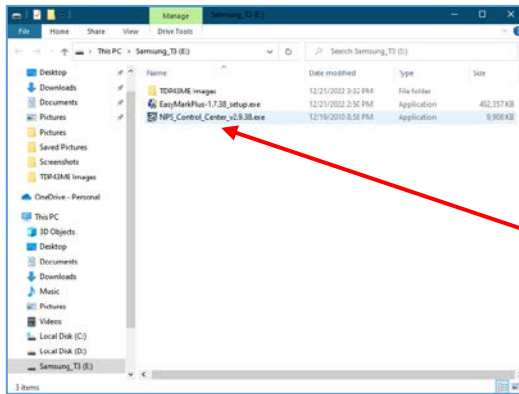
	<p>Installation has been completed.</p>
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If The Printer Is To Be Installed On An Ethernet Port:

There are two basic steps in installing a TDP43ME printer on an Ethernet port. These are:

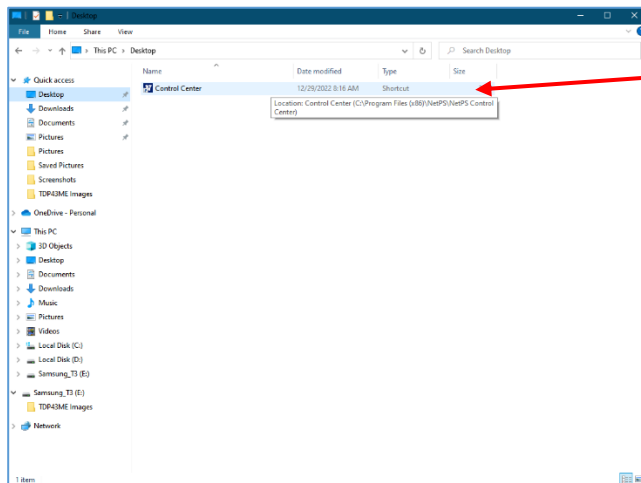
1. Obtain the IP address that the printer will use in communicating with the computer. Using NetPS Control Center software can determine the IP address for the selected printer.
2. Install printer on a Network.

STEP 1. OBTAINING THE IP ADDRESS FOR THE PRINTER:



Open and install the Control Center software located on the CD provided in the printer kit or download from Panduit.com.

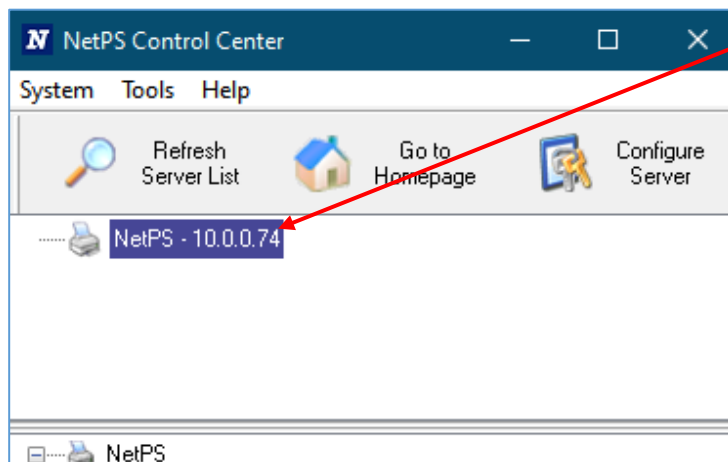
Open the download and install NPS Control Center.



Double click the NPS Control Center icon to start the software.

Remove the label covering the Ethernet port on the printer.

Insert an Ethernet cable into the network connector.



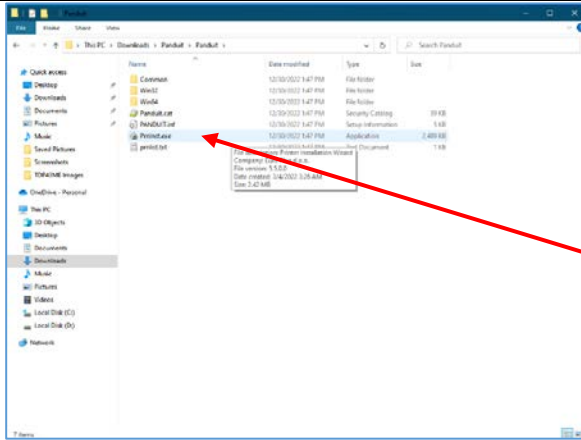
Open the CONTROL CENTER SOFTWARE and write down the NetPS address that appears when the software opens.

(Ethernet cable must be connected to the printer).

NOTE:

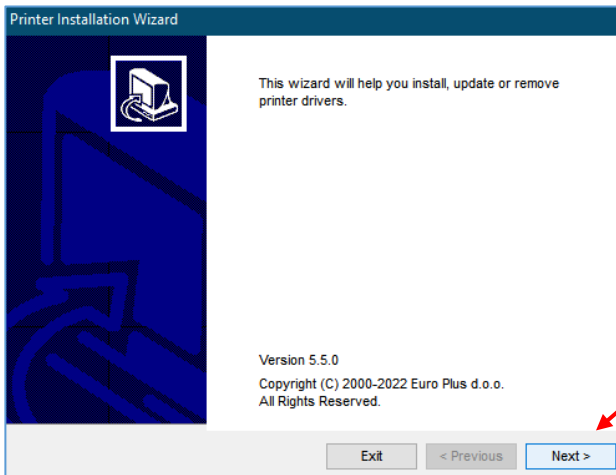
If no address is shown next to NetPS, then the Ethernet cable is not active, the Ethernet cable is not plugged in or active or DHCP is not providing an IP address. A number/address **must** appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.

STEP 2. Install printer on a Network:



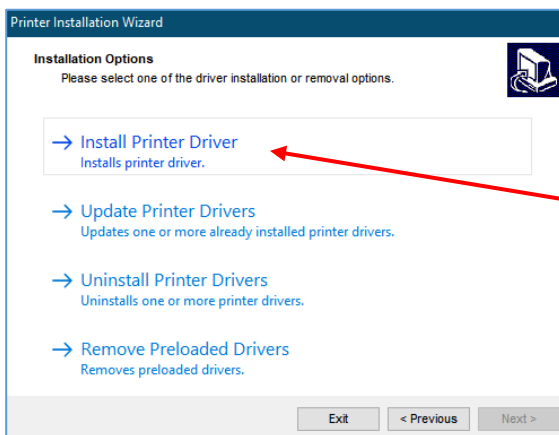
Navigate to the Panduit folder from the driver .iso file or from the downloadable .zip file at Panduit.com.

Double click PrnInst.exe.



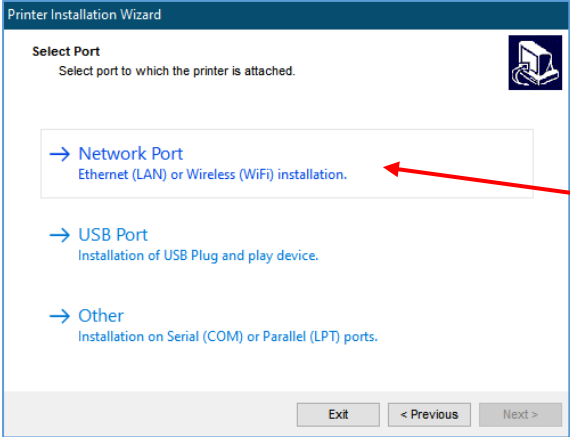
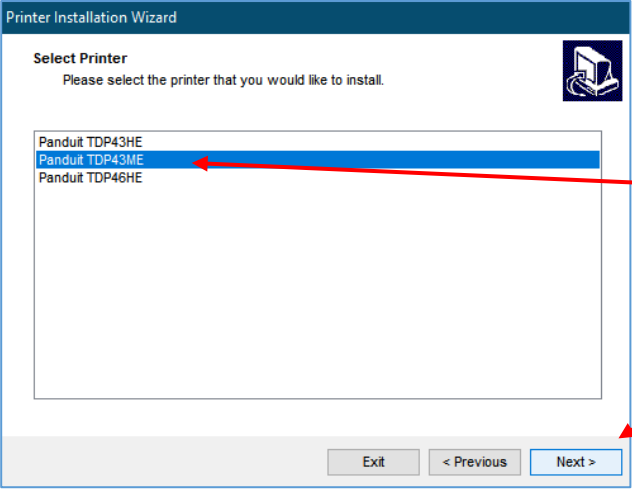
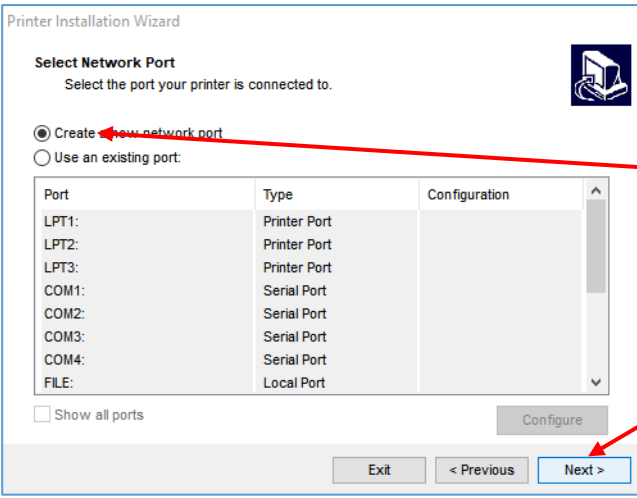
A popup will appear. Click YES.

Click NEXT.

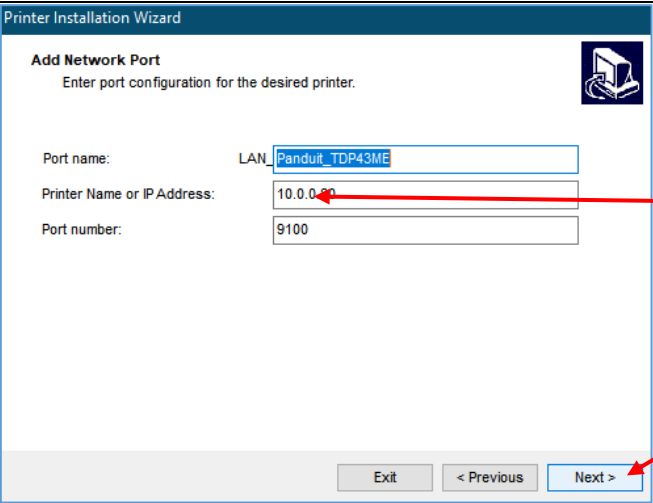
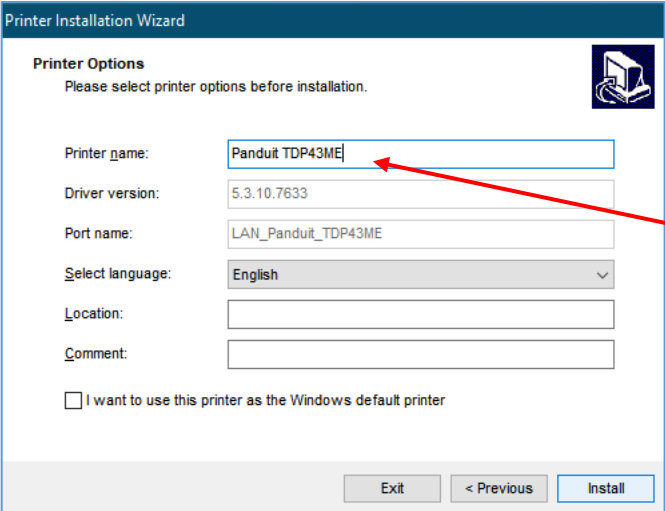
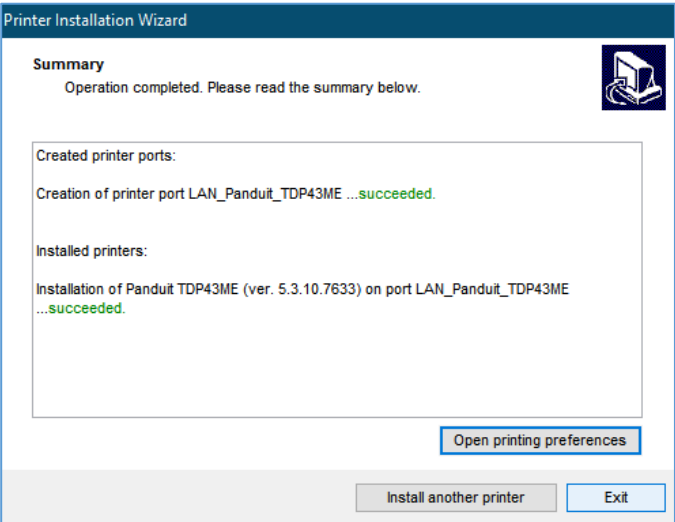


Click INSTALL PRINTER DRIVER.



 <p>The screenshot shows the 'Select Port' step of the Printer Installation Wizard. It lists three options: 'Network Port' (Ethernet (LAN) or Wireless (WiFi) installation), 'USB Port' (Installation of USB Plug and play device), and 'Other' (Installation on Serial (COM) or Parallel (LPT) ports). A red arrow points to the 'Network Port' option.</p>	<p>Click NETWORK PORT.</p>																											
 <p>The screenshot shows the 'Select Printer' step of the Printer Installation Wizard. It lists three printer models: 'Panduit TDP43HE', 'Panduit TDP43ME', and 'Panduit TDP46HE'. The 'Panduit TDP43ME' model is highlighted in blue. A red arrow points to this model. At the bottom right, the 'Next >' button is highlighted in blue, with a red arrow pointing to it.</p>	<p>Select Panduit TDP43ME.</p> <p>Click NEXT.</p>																											
 <p>The screenshot shows the 'Select Network Port' step of the Printer Installation Wizard. It has two radio button options: 'Create a new network port' (which is selected) and 'Use an existing port:'. Below these options is a table of ports:</p> <table border="1" data-bbox="280 1451 846 1667"><thead><tr><th>Port</th><th>Type</th><th>Configuration</th></tr></thead><tbody><tr><td>LPT1:</td><td>Printer Port</td><td></td></tr><tr><td>LPT2:</td><td>Printer Port</td><td></td></tr><tr><td>LPT3:</td><td>Printer Port</td><td></td></tr><tr><td>COM1:</td><td>Serial Port</td><td></td></tr><tr><td>COM2:</td><td>Serial Port</td><td></td></tr><tr><td>COM3:</td><td>Serial Port</td><td></td></tr><tr><td>COM4:</td><td>Serial Port</td><td></td></tr><tr><td>FILE:</td><td>Local Port</td><td></td></tr></tbody></table> <p>At the bottom right, the 'Next >' button is highlighted in blue, with a red arrow pointing to it.</p>	Port	Type	Configuration	LPT1:	Printer Port		LPT2:	Printer Port		LPT3:	Printer Port		COM1:	Serial Port		COM2:	Serial Port		COM3:	Serial Port		COM4:	Serial Port		FILE:	Local Port		<p>Click the CREATE A NEW NETWORK PORT option.</p> <p>Click Next.</p>
Port	Type	Configuration																										
LPT1:	Printer Port																											
LPT2:	Printer Port																											
LPT3:	Printer Port																											
COM1:	Serial Port																											
COM2:	Serial Port																											
COM3:	Serial Port																											
COM4:	Serial Port																											
FILE:	Local Port																											



	<p>Enter the address recorded earlier into PRINTER NAME OR IP ADDRESS field.</p> <p>Click NEXT.</p>
	<p>Click INSTALL.</p>
	<p>Installation completed.</p>



3. Control Panel

3-1. LED Status

Press and hold the FEED key then power on the printer, the printer will beep 3 times and enter into Self-Test status. If you keep holding the FEED key, the status will change in sequence to Auto Sensing Mode, Dump Mode, Direct Thermal Mode, Thermal Transfer Mode, See-through Sensor on/off, and then return to Self-Test again. These different statuses can change the setting of printer, they are described as follows:

		FEED	LED Light	Beep	Status	Description	
	READY		Green	1	Normal status	Normal status	
	STATUS						
	Press and hold the FEED Key then power on the printer.						
	↓						
	READY		Red (Flash)	Orange	3	Self-Test	Printing Self-Test page, for operation instructions please refer to page Error! Bookmark not defined..
	STATUS						
	↓						
	READY		Orange (Flash)	Orange	1	Auto Sensing Mode	Printers currently in Auto Sensing Mode, for operation instructions please refer to page Error! Bookmark not defined..
	STATUS						
	↓						
READY		Green (Flash)	Orange	1	Dump Mode	Printers currently in Dump Mode, for operation instructions please refer to page Error! Bookmark not defined. .	
STATUS							
↓							
READY		Red (Flash)	Red	1	Direct Thermal (DT) Mode	Set the printer to Direct Thermal (DT) Mode, for operation instructions please refer to page Error! Bookmark not defined..	
STATUS							
↓							
READY		Orange (Flash)	Red	1	Thermal Transfer (TT) Mode	Set the printer to Thermal Transfer (TT) Mode, for operation instructions please refer to page Error! Bookmark not defined..	
STATUS							
↓							
READY		Green (Flash)	Red	1	See-through Sensor on/off	Set the See-through Sensor on or off, for operation instructions please refer to page Error! Bookmark not defined..	
STATUS							
↓							
Return to Self Test							
↓							
READY						Printer is currently downloading F/W	
STATUS		Red (Flash)					



3-4. Direct Thermal / Thermal Transfer Mode Switch

1. Power off the printer, press and hold the FEED key.
2. Power on the printer (while still holding the FEED key) and the printer will beep 3 times. Keep holding the FEED key, wait for the STATUS light turn red and READY light flash red, then release the FEED key. The printer will go into Direct Thermal (DT) Mode and automatically print "NOW IS DIRECT THERMAL (DT MODE)". This indicates that printer is currently in DT Mode.
3. Power on the printer (while still holding the FEED key) and the printer will beep 3 times. Keep holding the FEED key, wait for the STATUS light turn red and READY light flash orange, then release the FEED key. The printer will go into the Thermal Transfer (TT) Mode and automatically print "NOW IS THERMAL TRANSFER (TT MODE)". This indicates that printer is currently in TT Mode.

NOW IS THERMAL TRANSFER (TT MODE)

NOW IS DIRECT THERMAL (DT MODE)

3-5. Auto Sensing

Printer can automatically detect label (see-through) length and record it. By doing this, the printer can accurately detect the label (gap) positions without setting the print length.

1. Check if the Label Sensor is located at the correct sensing position.
2. Power off the printer, press and hold the FEED key.
3. Power on the printer (while still holding the FEED key) and the printer will beep 3 times. Keep holding the FEED key, wait for the STATUS light turn orange and READY light flash orange, then release the FEED key. Printer will automatically detect the label size/length and record it.

Printer goes back to standby mode after performing the measurement.

3-6. Dump Mode

When label setting and the print result don't match each other, it is recommended to go into the Dump Mode to check whether there's any mistake in data transmission between the printer and the PC. For example, when printer receives 8 commands, yet without processing these commands, only prints out the contents of commands, this will confirm whether the commands were received correctly. Test procedures to enter the Dump Mode are as follows:

1. Power off the printer, press and hold the FEED key.
2. Power on the printer (while still holding the FEED key).
3. Keep holding the FEED key, wait for the STATUS light turn orange and READY light flash green, then release the FEED key. Printer will automatically print "DUMP MODE BEGIN." This indicates the printer is already in Dump Mode.
4. Send commands to the printer, and check if the printout matches the sent commands.

To cancel (get out of the Dump Mode), press the FEED key, the printer will automatically print out "OUT OF DUMP MODE". This indicates that printer is back in the standby mode. Powering off the printer is another way to exit the Dump Mode.

3-7. See-through Sensor on/off There are two types of sensors in the TDP43ME printer - Reflective Sensor and See-through Sensor. Users can set one of them as active sensor. By default, the See-through Sensor is turned on and the Reflective Sensor is turned off.



To turn the See-through Sensor OFF, please do as follows:

1. Power OFF the printer, press and hold the FEED key.
2. Power ON the printer (while still holding the FEED key) and the printer will beep 3 times. Keep holding the FEED key, wait for the STATUS light turn red and READY light flash green, then release the FEED key. The printers will automatically print "SEE-THROUGH SENSOR IS OFF". This indicates that the See-Through Sensor is turned OFF (and the Reflective Sensor is turned ON).
3. To turn ON the See-Through Sensor, please repeat above-mentioned procedures. Then the printer will print "SEE-THROUGH SENSOR IS ON" to indicate that the See-Through Sensor is turned ON.

SEE-THROUGH SENSOR IS ON
or
SEE-THROUGH SENSOR IS OFF

For checking the status of See-through Sensor (on or off), please perform Auto Sensing once. If both of READY and STATUS lights are green when doing Auto Sensing, then the See-through Sensor is ON. If both of READY and STATUS lights are orange, then the See-through Sensor is OFF.

[Note]

When the See-through Sensor is enabled, the Label Sensor must be placed in the center of the printer.

3-8. Error Messages

LED Light		Beep	Description	Solution
Ready	Status			
	Red	4 beeps twice	Print head is not firmly closed.	Re-open the print head and make sure it closes tightly.
Red (Flash)	Red (Flash)	None	The temperature of print head is too high.	Wait for the print head temperature drops to the normal temperature range, printer will go back to the standby mode and the LED light will stop flashing.
	Red	3 beeps twice	Ribbon is not installed, and printer shows error message.	Make sure the printer is in the Direct Thermal mode.
	Red	3 beeps twice	Ribbon is used up or ribbon supply shaft is not moving.	Replace with new ribbon roll.
	Red	2 beeps twice	Unable to detect paper.	Make sure the movable sensor mark is at the correct position, if the sensor is still unable to detect paper, and then go through Auto Sensing again.
	Red	2 beeps twice	Paper used up.	Replace with new label roll.
	Red	2 beeps twice	Abnormal paper feed.	Possible causes: card tags or paper fall into the gap behind the platen roller, can't find label gap/black mark, black mark paper out. Please adjust it according to actual usage.
	Red	2 beeps twice	Memory is full; printer will print out "Memory full."	Delete unnecessary data in the memory.
	Red	2 beeps twice	Can't find the file; printer will print out "Filename cannot be found."	Use "~X4" command to print out all the files, and then check whether the file exist and the file name is correct.

	Red	2 beeps twice	File name is repeated; printer will print out "Filename is repeated."	Change the file name and download again.
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4. Maintenance and Adjustment

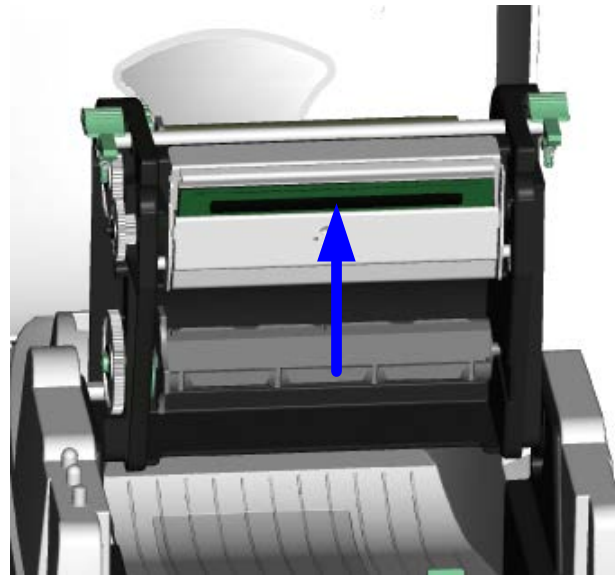
4-1. Thermal Print Head Cleaning

Poor print quality may be caused by a dirty print head, ribbon wear, or label adhesive buildup. Please keep the top cover closed when printing. Also, prevent label media from becoming dirty or damaged to ensure good print quality and to prolong the print head life. Print head cleaning instructions are as follows:

1. Power-off the printer.
2. Open the top cover.
3. Take out the ribbon.
4. Open the print head by pressing the locking tenons.
5. If on the print head (see blue arrow) there's label pieces or other stains, please use a soft cloth with industrial use alcohol to wipe away the stain.

[Note1]
Weekly cleaning on the print head is recommended.

[Note2]
When cleaning the print head with soft cloth, make sure there are no metal or hard particles stuck to print head.



4-2. Troubleshooting

Problem	Recommended Solution
Power on the printer, but the LED does not light up	<ul style="list-style-type: none"> ◆ Check the power connector
LED light turns red (power/status) after printing stops	<ul style="list-style-type: none"> ◆ Check for software setting or program command errors ◆ Replace with suitable label or ribbon ◆ Check if label or ribbon has run out (make sure Ribbon Core is not spinning on Ribbon Mandrels) ◆ Check if label is jammed or tangled up ◆ Check if mechanism is not closed (Thermal Print Head not positioned correctly) ◆ Check if sensor is blocked by paper or label (sensor to the right, centered in printer)



Printing started, but nothing was printed on the label	<ul style="list-style-type: none"> ◆ Check if label is placed upside down or if label is not suitable for the application ◆ Select the correct printer driver ◆ Select the correct label and print type
When printing, label is jammed or tangled up	<ul style="list-style-type: none"> ◆ Clean the label jam, and if label is stuck on Thermal Print Head, please remove it by using soft cloth with alcohol.
When printing, only part of the contents were printed	<ul style="list-style-type: none"> ◆ Check if label or ribbon is stuck on the Thermal Print Head ◆ Check if application software has errors ◆ Check if start position setting has errors ◆ Check if ribbon has wrinkles ◆ Check if ribbon supply shaft is creating friction with the platen roller. If the platen roller needs to be replaced, please contact your reseller for more information ◆ Check if power supply is correct
When printing, part of the label wasn't printed completely	<ul style="list-style-type: none"> ◆ Check if Thermal Print Head is stained or dusted ◆ Use internal command "~T" to check Thermal Print Head can print completely ◆ Check the media quality
Printout not in desired position	<ul style="list-style-type: none"> ◆ Check if sensor is covered by paper or dust ◆ Check if liner is suitable for use, please contact reseller for more information ◆ Select correct label ◆ Check label setting in label software ◆ Check if label roll edge is aligned with Label Width Guide
When printing, page skipping occurs	<ul style="list-style-type: none"> ◆ Check if error occurs on label height setting ◆ Check if sensor is covered by dust
Unclear printout	<ul style="list-style-type: none"> ◆ Check print darkness setting ◆ Check if Thermal Print Head is covered with glue or stains

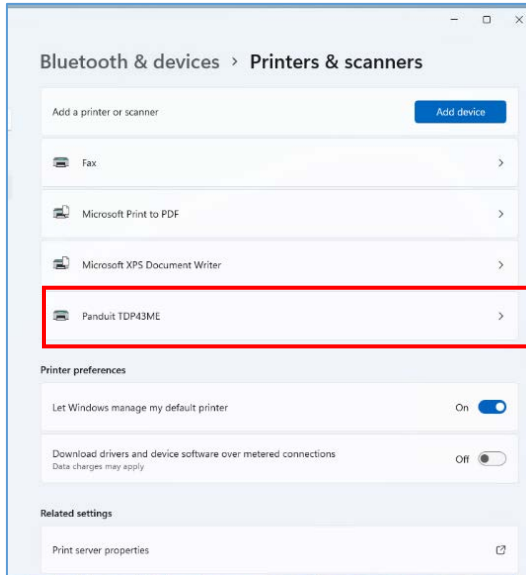
[Note]

Your distributor is knowledgeable about printers, printing software, and your unique system. Please contact your local distributor, or phone number listed on Tech Support Label.

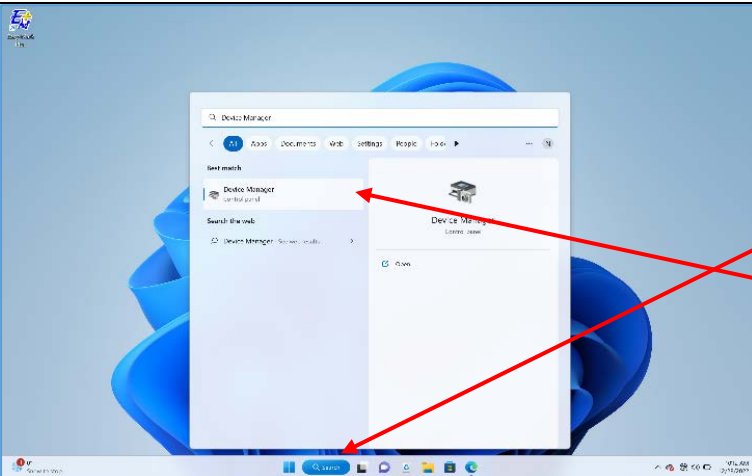


4-3. Driver Troubleshooting

If The Printer Is To Be Installed On A USB Port Using Windows Updates (Win 11):

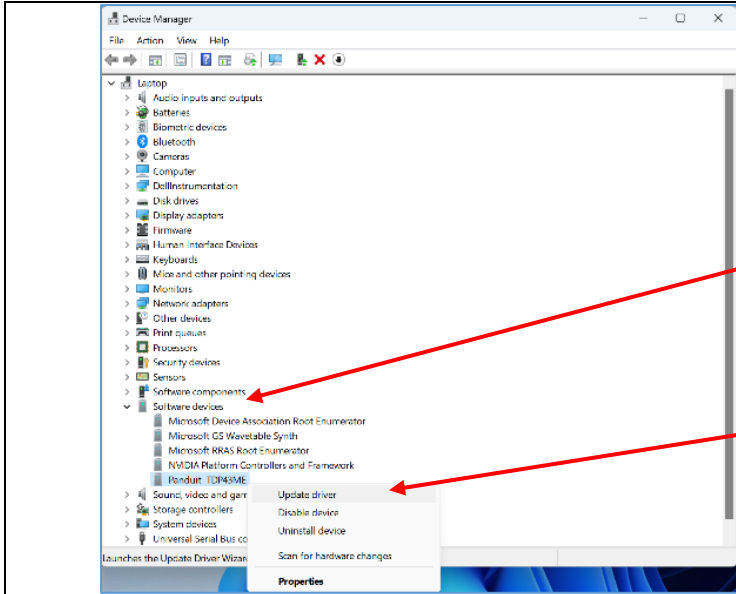


If the printer is attached to the USB port, when the printer is turned ON, the printer can be seen installed in the Printers & scanners settings window.



If the printer does not appear in Printers & scanners after 2 minutes click the search bar at the bottom left of the home screen and type Device Manager.

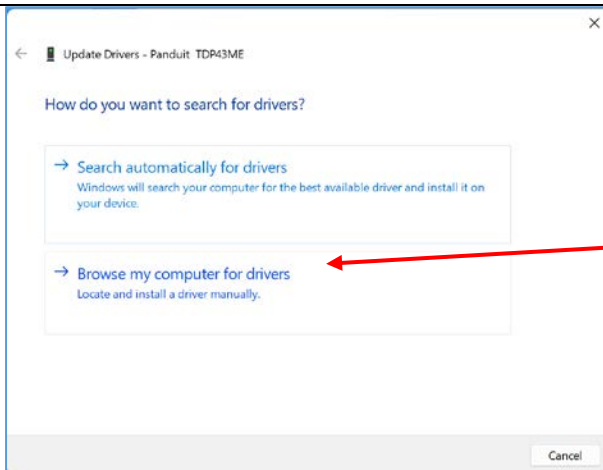
Click on the Device Manager application



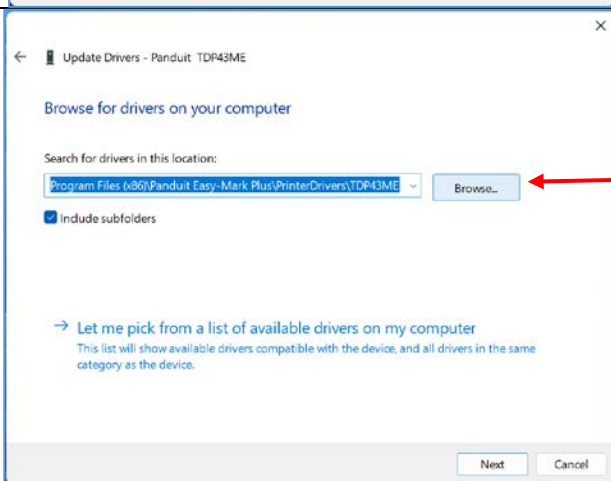
Once in the Device Manager, expand "Software devices".

Navigate to the device named "Panduit TDP43ME" and right click.

Then click on Update Driver

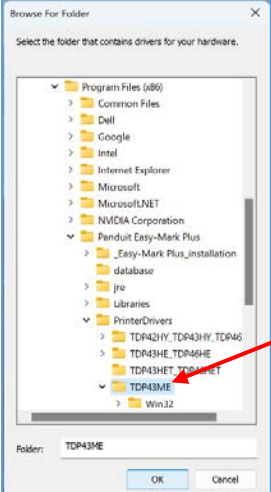
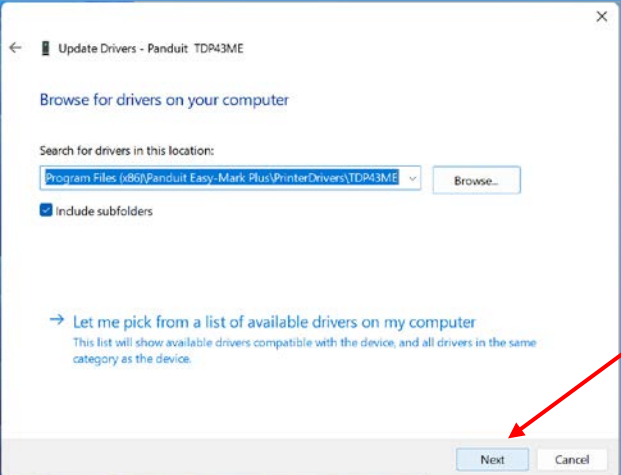
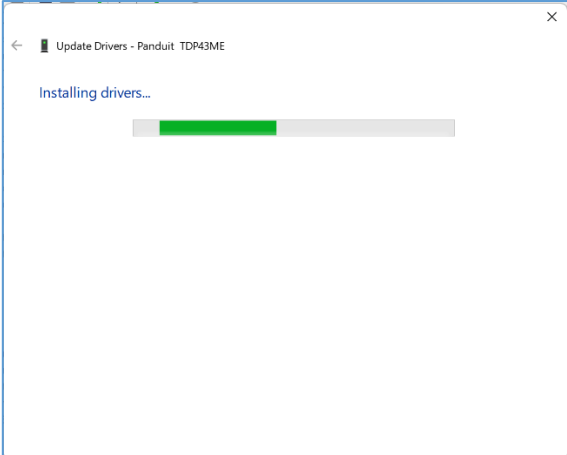


Click on Browse my computer for drivers

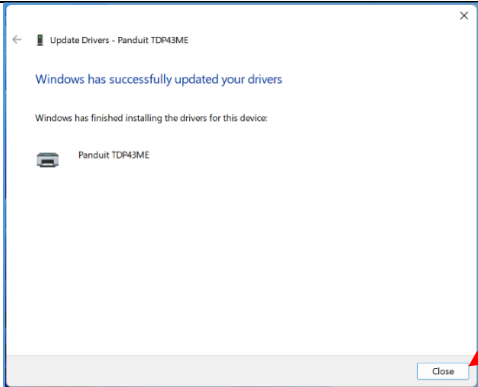


Click BROWSE and find the driver folder (either in C:\Program Files (x86)\Panduit Easy-Mark Plus\PrinterDrivers\TDP43ME or on the included CD in the printer kit.)

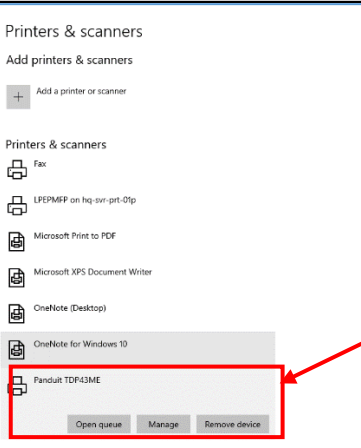


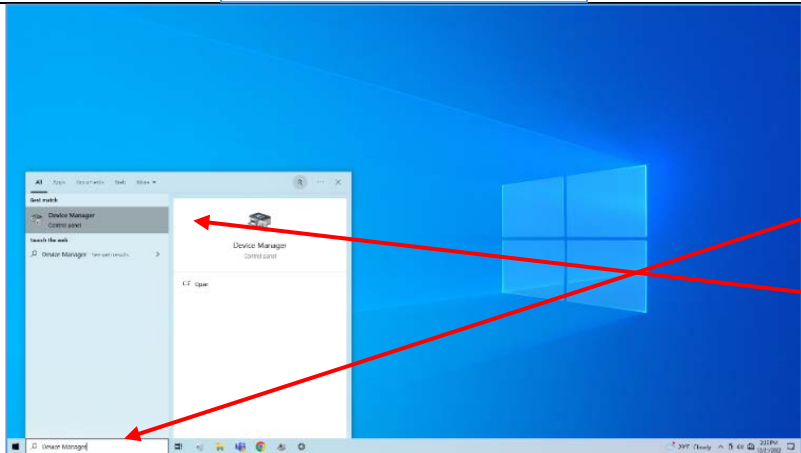
	<p>When the TDP43ME is highlighted, click OK.</p>
	<p>This window will pop back up. Click NEXT.</p>
	<p>This window indicates the new driver is installing.</p>

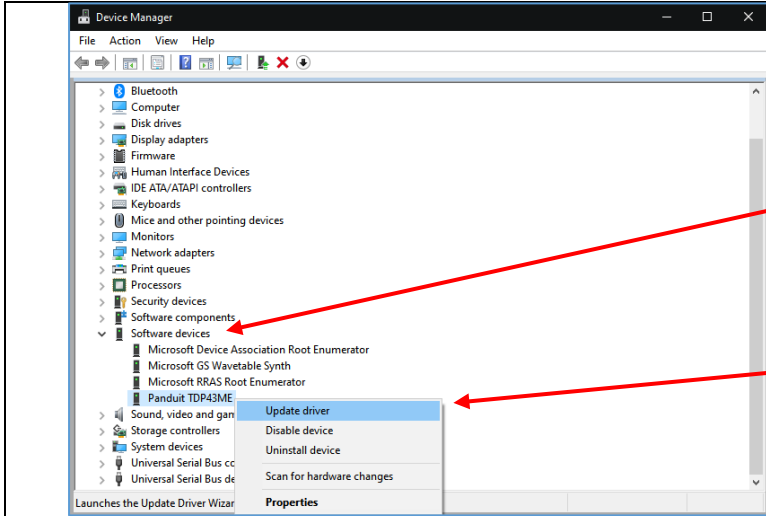


	<p>This window indicates that the new driver has been successfully installed.</p> <p>Click Close.</p> <p>Installation is complete.</p>
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If The Printer Is To Be Installed On A USB Port Using Windows Updates (Win 10):

	<p>If the printer is attached to the USB port, when the printer is turned ON, the printer can be seen installed in the Printers & scanners settings window.</p>
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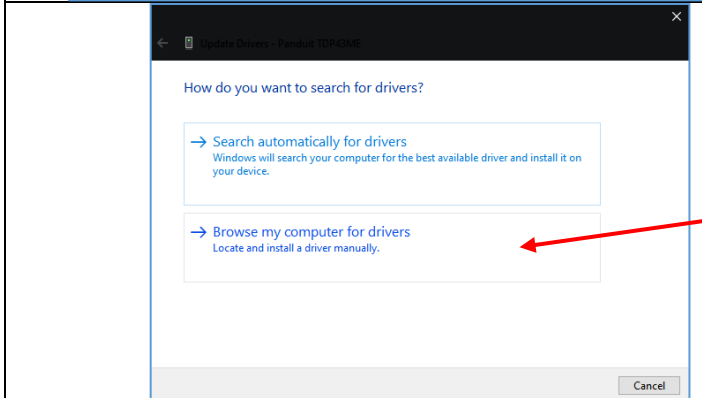
	<p>If the printer does not appear in Printers & scanners after 2 minutes click the search bar at the bottom left of the home screen and type Device Manager.</p> <p>Click on the Device Manager application</p>
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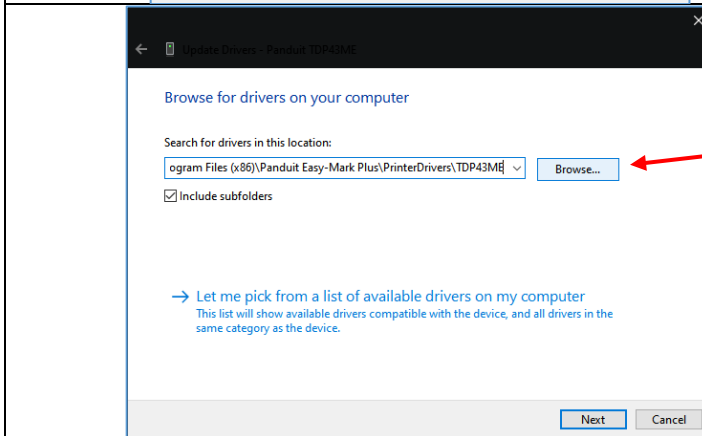
Once in the Device Manager, expand "Software devices".

Navigate to the device named "Panduit TDP43ME" and right click.

Then click on Update Driver

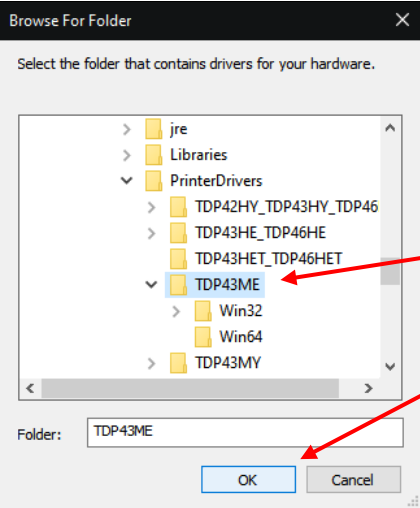
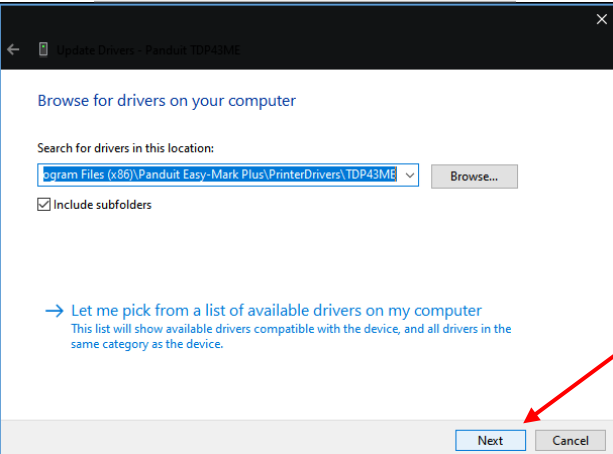
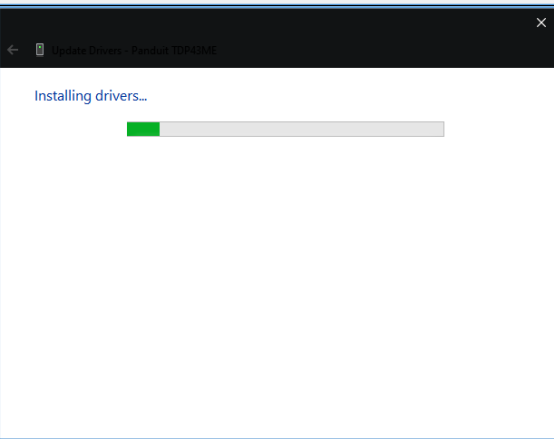


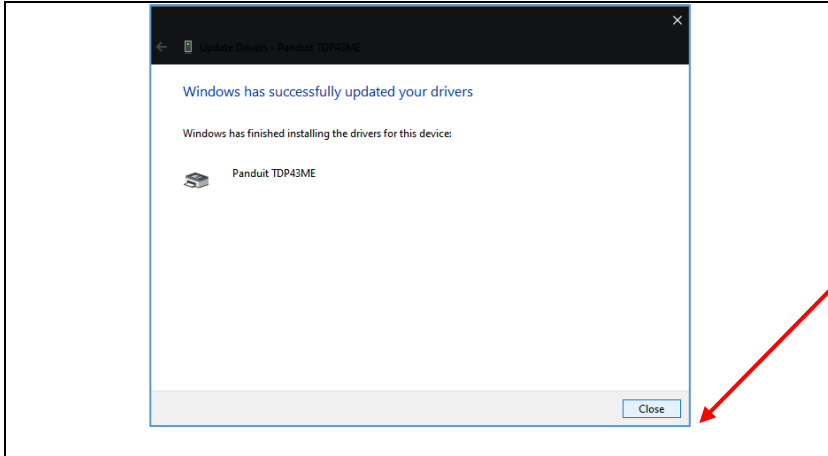
Click on Browse my computer for drivers



Click BROWSE and find the driver folder (either in C:\Program Files (x86)\Panduit Easy-Mark Plus\PrinterDrivers\TDP43ME or on the included CD in the printer kit.)



	<p>When the TDP43ME is highlighted, click OK.</p>
	<p>This window will pop back up. Click NEXT.</p>
	<p>This window indicates the new driver is installing.</p>

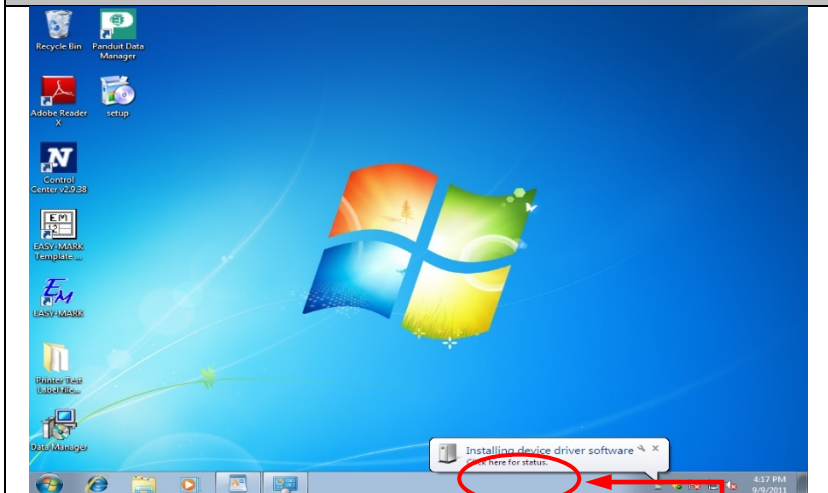


This window indicates that the new driver has been successfully installed.

Click Close.

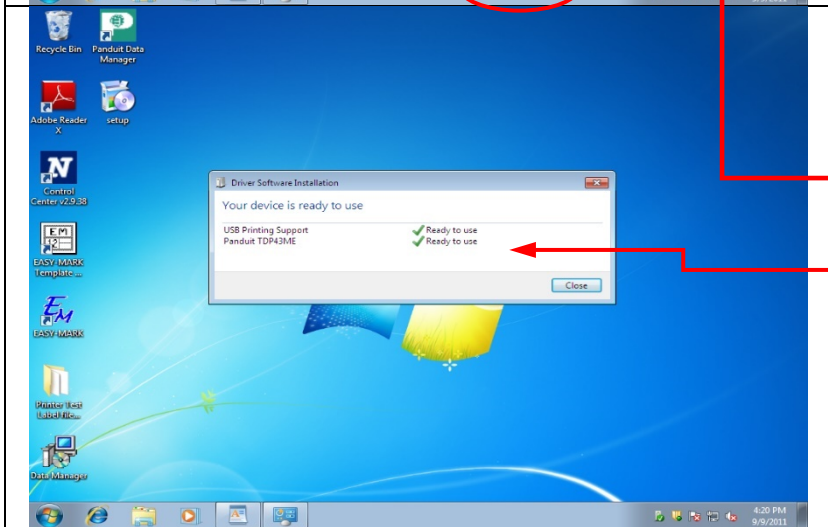
Installation is complete.

If The Printer Is To Be Installed On A USB Port Using Windows Updates (Win 7):



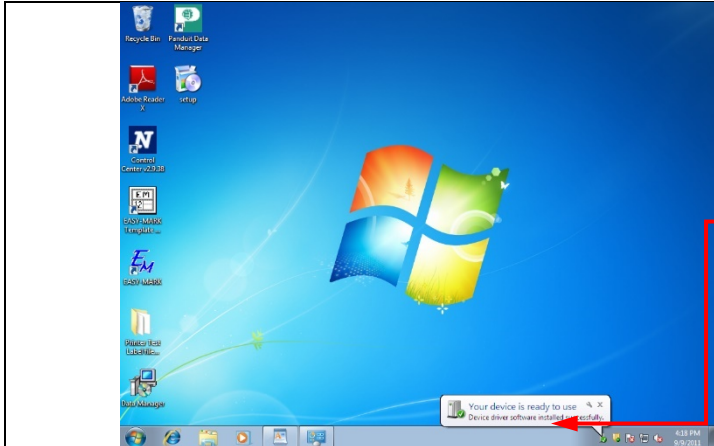
If the printer is attached to the USB port, when the printer is turned ON, the following window will appear.

The installation will most likely proceed without interruption.

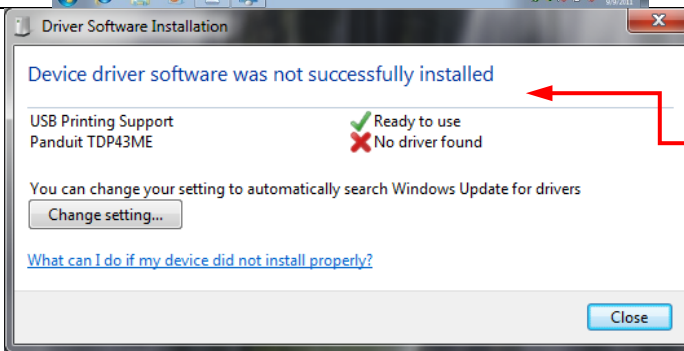


If you click on the balloon for "Check here for status", the window at the left will pop up.

This indicates that all processes are complete, and the printer has been correctly installed.

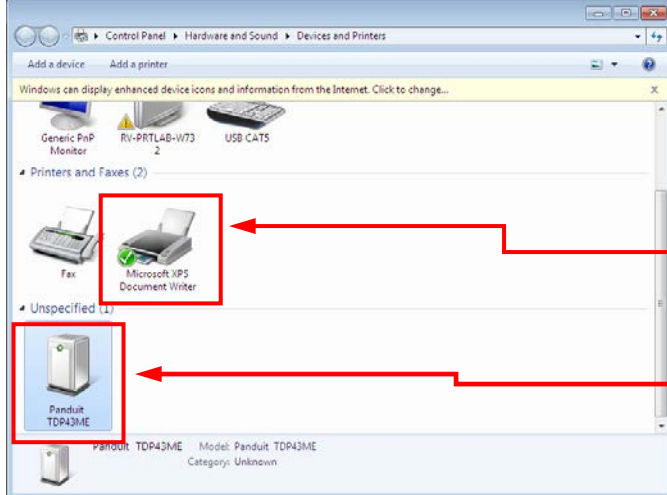


The printer is now ready for use.



If the printer does not show previous step pop up balloon, then a balloon will pop up which says, "Device did not install properly".

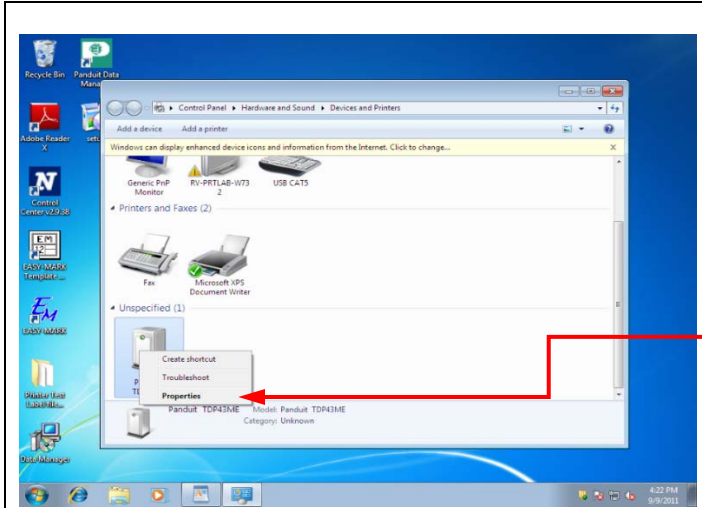
Click on the balloon and then the window at the left will pop up. In this case, no TDP43ME driver was found. Click CLOSE.



Go to the WINDOWS orb in the bottom left corner and click. Go to DEVICES and PRINTERS and click. The window at the left will pop up.

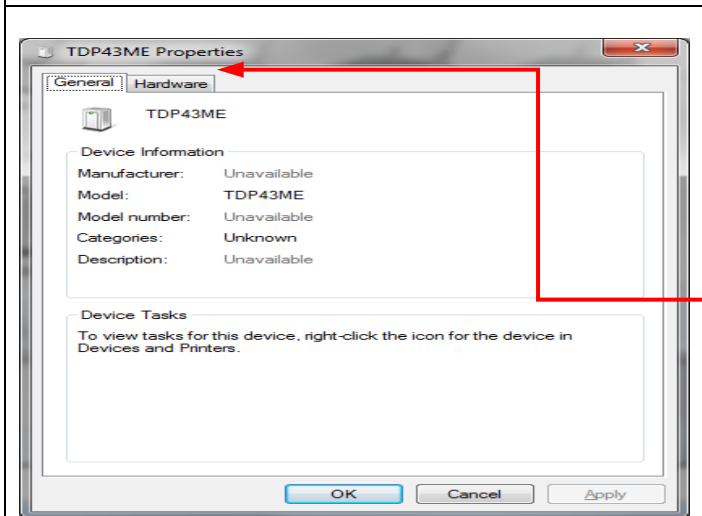
If the printer appears in the "PRINTERS and FAXES" line, then it is installed correctly.

If it appears in the "UNSPECIFIED" line, then there is an issue, most likely an incorrect or a missing driver.



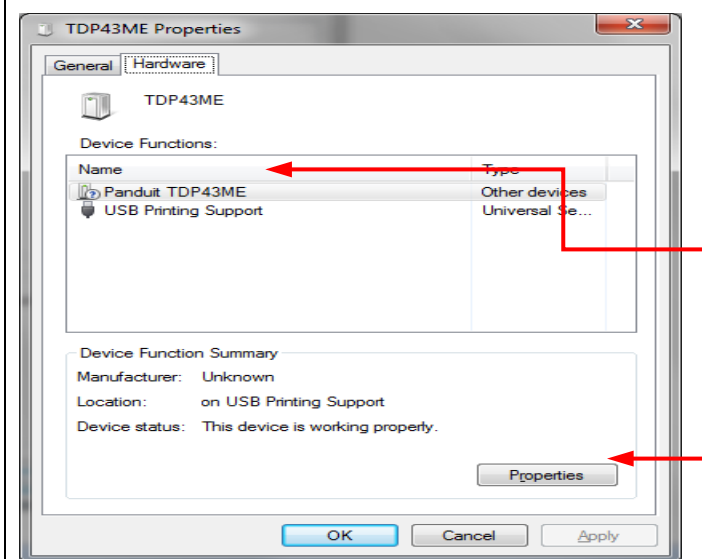
Right click on the printer in the “UNSPECIFIED” line and go down to PROPERTIES.

Click on PROPERTIES.



This window will pop up.

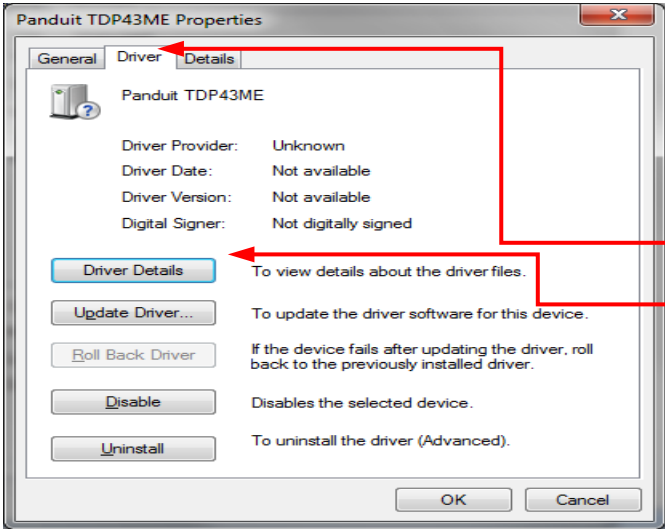
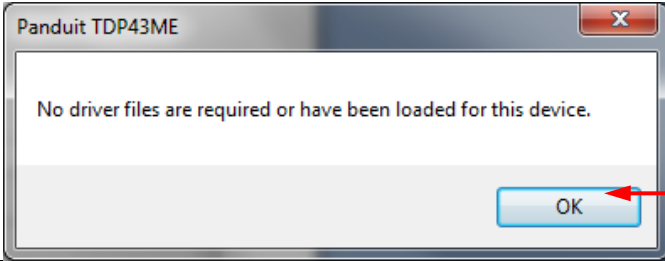
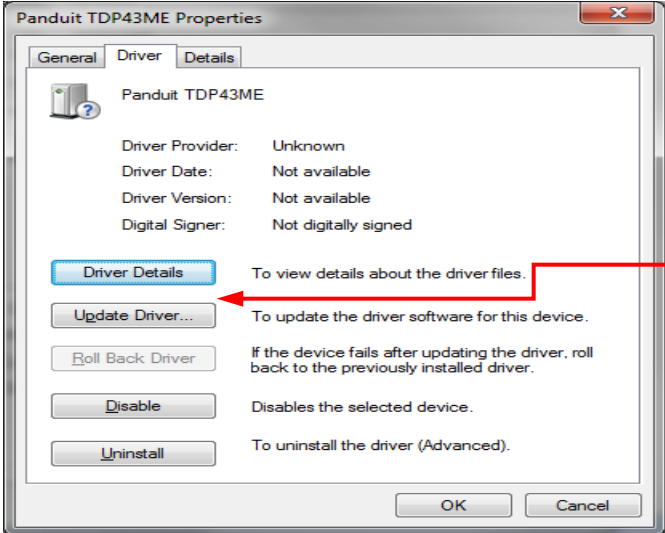
Click on HARDWARE tab.

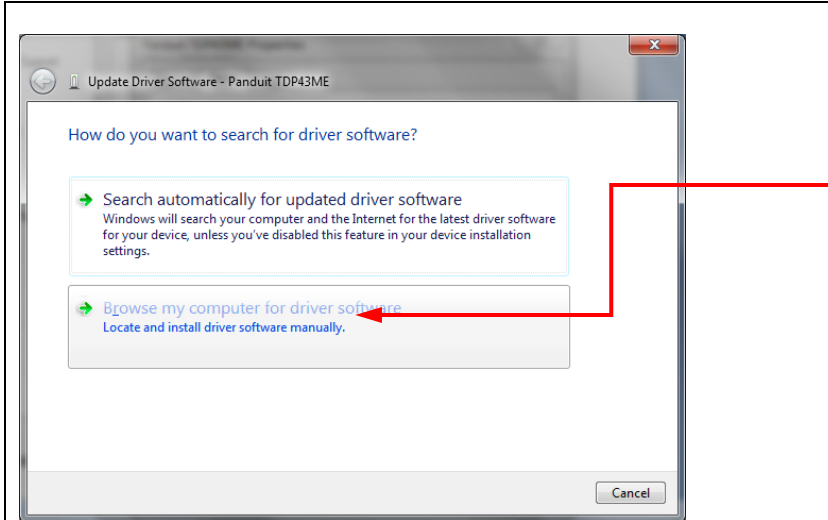


This window will pop up. Highlight PANDUIT TDP43ME.

Click on the PROPERTIES button.

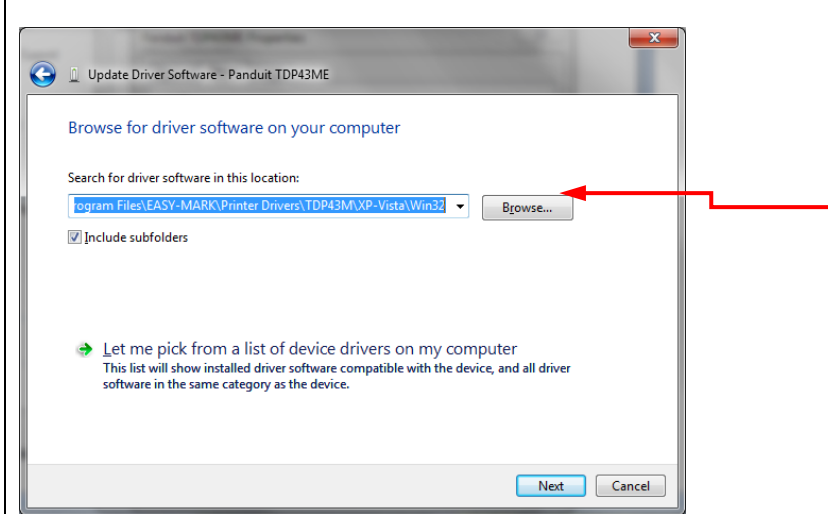


	<p>This window will pop up. Click on the DRIVER tab. This window will pop up.</p> <p>Click on the DRIVER DETAILS button.</p>
	<p>If this window pops up, it indicates that no driver has been loaded for the TDP43ME printer.</p> <p>Click OK.</p>
	<p>This window will pop up.</p> <p>Click on the UPDATE DRIVER button.</p>

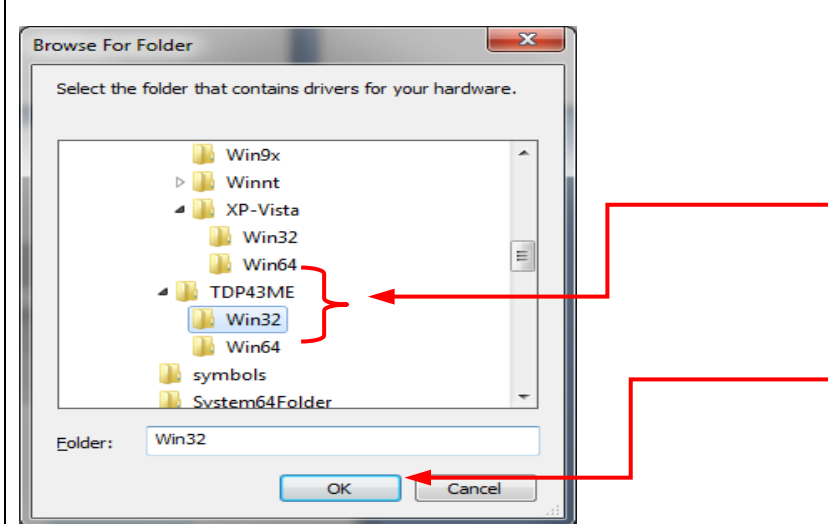


This window will pop up. Click on **LOCATE AND INSTALL DRIVER MANUALLY.**

Installer must point the browser to Easy-Mark Plus™ disc provided or known driver location.



Click **BROWSE** and find the driver folder (either in C:\Program Files (x86)\Panduit Easy-Mark Plus\PrinterDrivers\TDP43ME or on the included CD in the printer kit.)



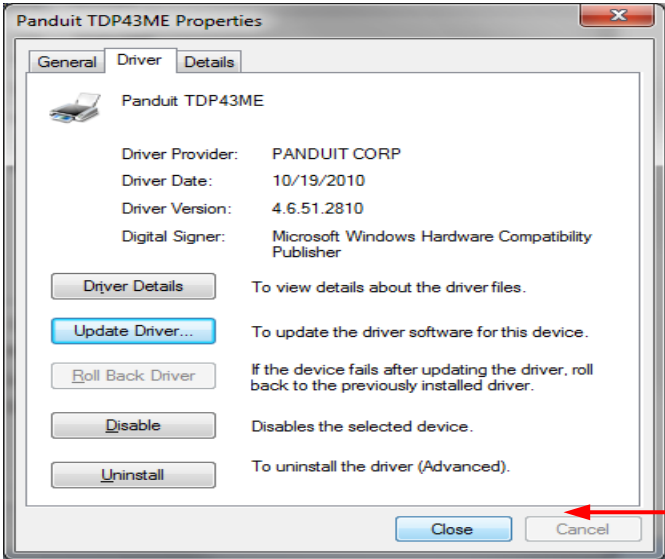
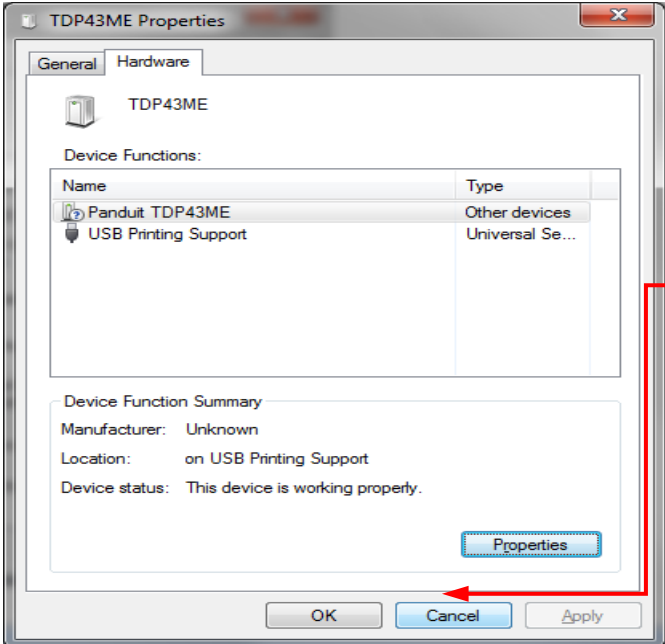
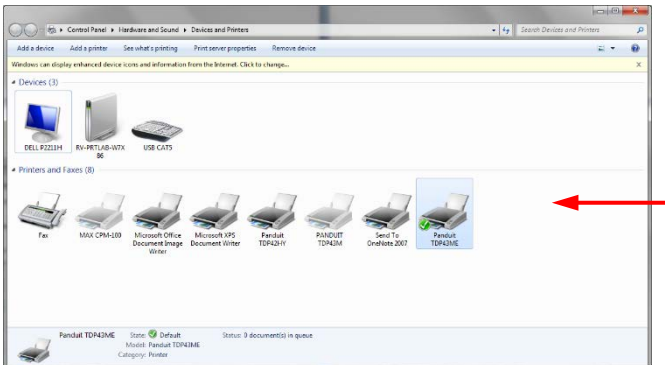
Note if driver should be 32 Bit or 64 Bit depending on machine Operating System.

When the correct system is highlighted, click **OK.**



	<p>This window will pop back up.</p> <p>Click NEXT.</p>
	<p>If this window pops up at any time, click on Install this driver anyway.</p>
	<p>This window indicates that the new driver is being installed.</p>
	<p>This window indicates that the new driver has been successfully installed.</p> <p>Click CLOSE.</p>



	<p>Click CLOSE</p>
	<p>Click OK.</p>
	<p>This window indicates that the new driver has been installed and the printer is now ready for use.</p>

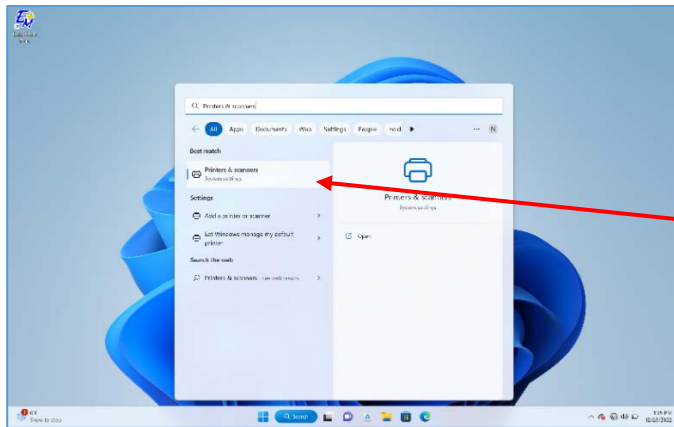
If The Printer Is To Be Installed On An Ethernet Port (Win11):

There are three basic steps in installing a TDP43ME printer on an Ethernet port in Windows 11. These are:

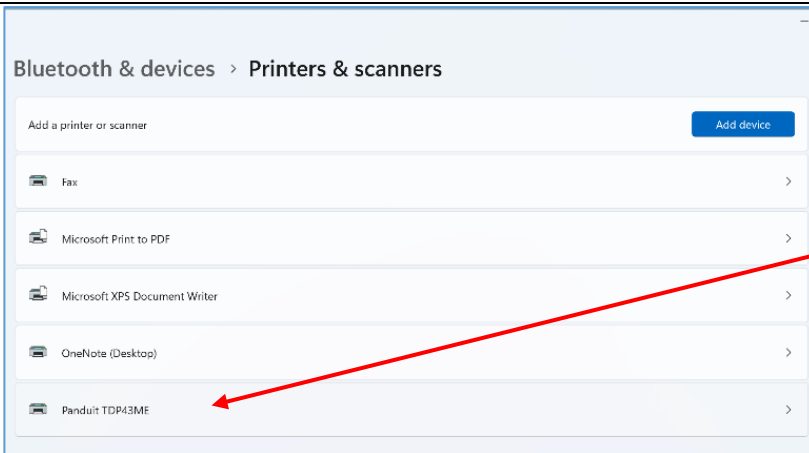
1. Install printer on USB port and change printer internal circuitry to Ethernet port active.
2. Obtain the IP address that the printer will use in communicating with the computer. Using NetPS Control Center software can determine the IP address for the selected printer.
3. Change the port selection to the TCP/IP port by adding the port, using the above found IP address and selecting it in Printers & scanners.

STEP 1. CHANGING INTERNAL CIRCUITRY

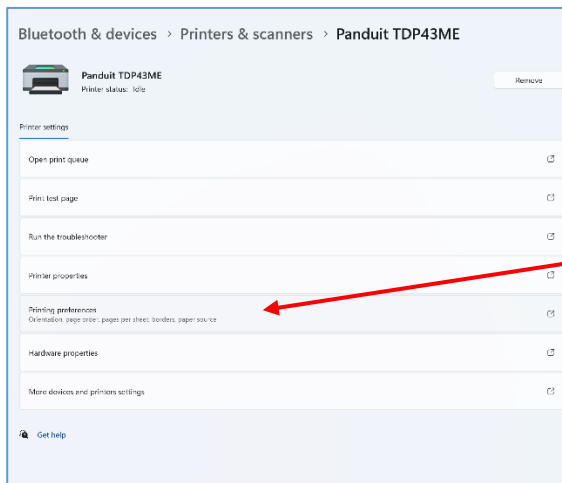
The following steps will guide the installer in changing the internal port circuitry.



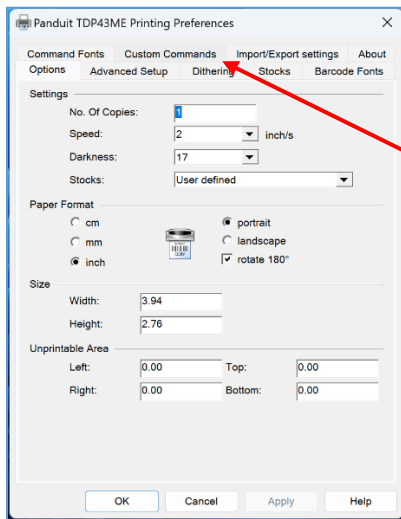
In search menu, type Printers & scanners, and click on the highlighted option.



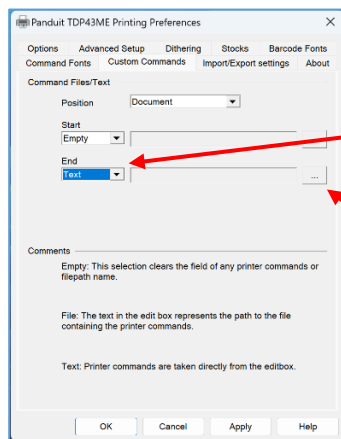
Click on Panduit TDP43ME.



Click on the PRINTING PREFERENCES line.

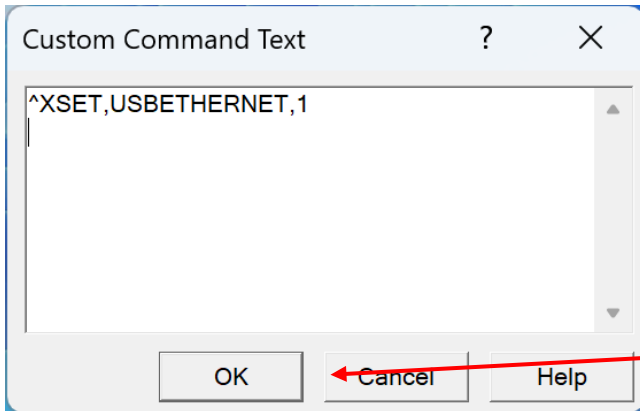


In the PRINTING PREFERENCES window, click on the CUSTOM COMMANDS tab.



In the CUSTOM COMMANDS window, click on the END down arrow and drag the mouse down to TEXT and release.

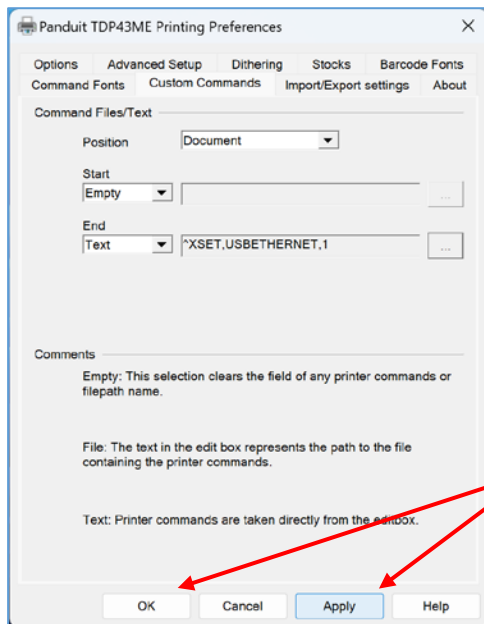
Click on the ellipsis (three dots) button, the following window will pop up.



In this window, type “^XSET,USBETHERNET,1” followed by a **RETURN**.

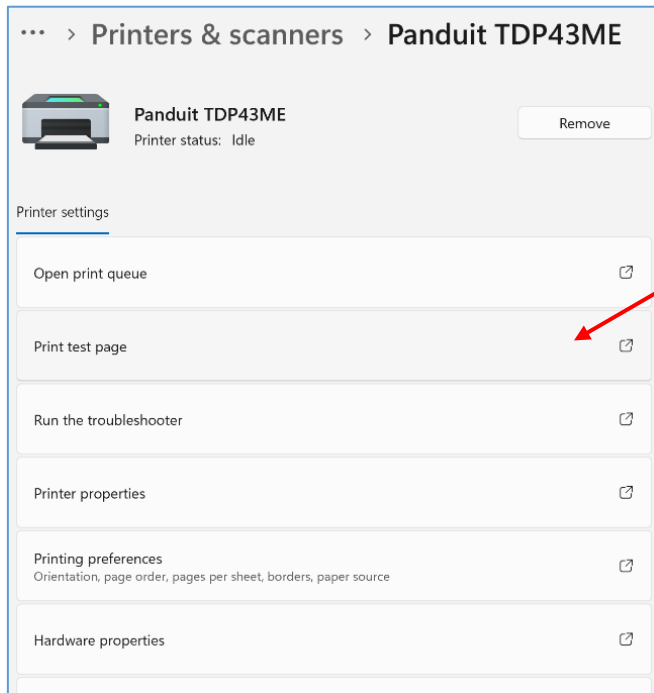
Type it exactly like this command, with uppercase letters, no spaces, no quotation marks, etc. “^” is the shift 6 button.

After the RETURN key, click OK. This action sets the printer to switch the relay in the printer to Ethernet active once the next print job has been sent.



Click APPLY and then OK and this window will disappear.

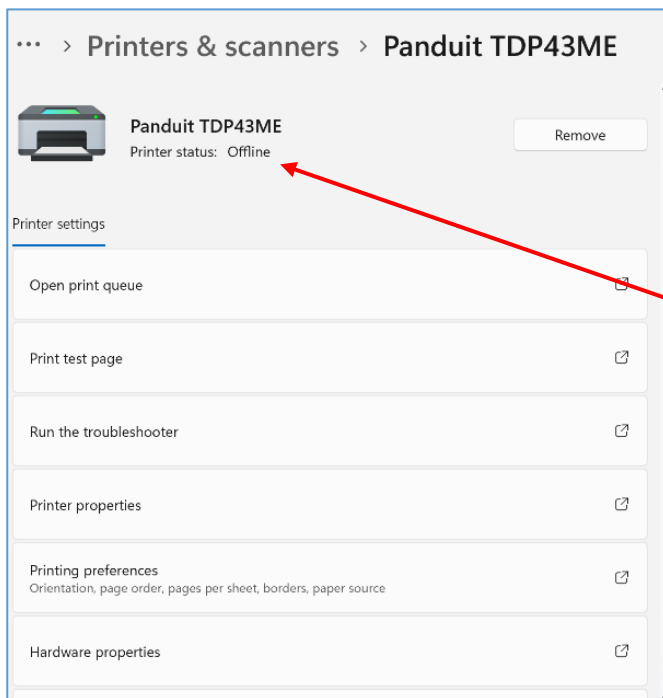
The internal circuitry has now been set to Ethernet port active.



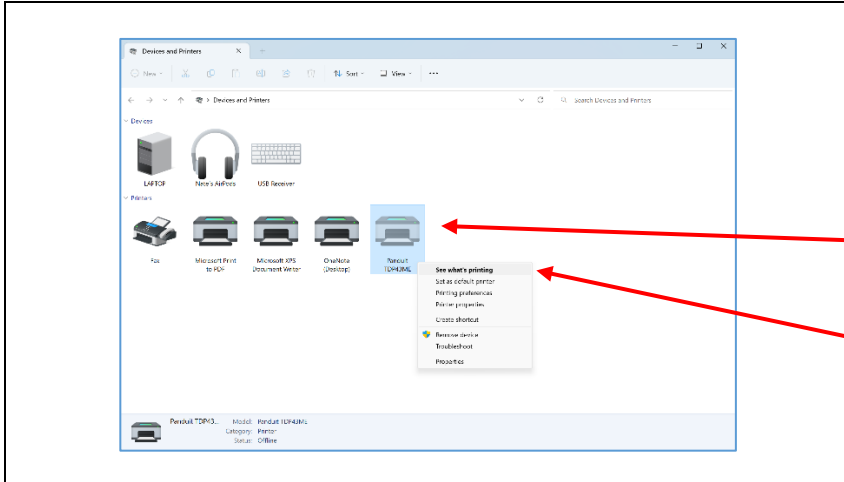
The printer must now print something for the Custom Command to take effect.

In the TDP43ME window, click Print a test page.

The printer will print the test page. The printer was previously set to switch Ethernet port to active at the end of the next print command sent. After the test page is printed, the relay within the printer will switch to activate the ETHERNET port. *[A slight audible click may be heard when the relay switches from one port to the other port.]* If the printer red-lights, that is ok, simply turn off the printer and then turn it back on.



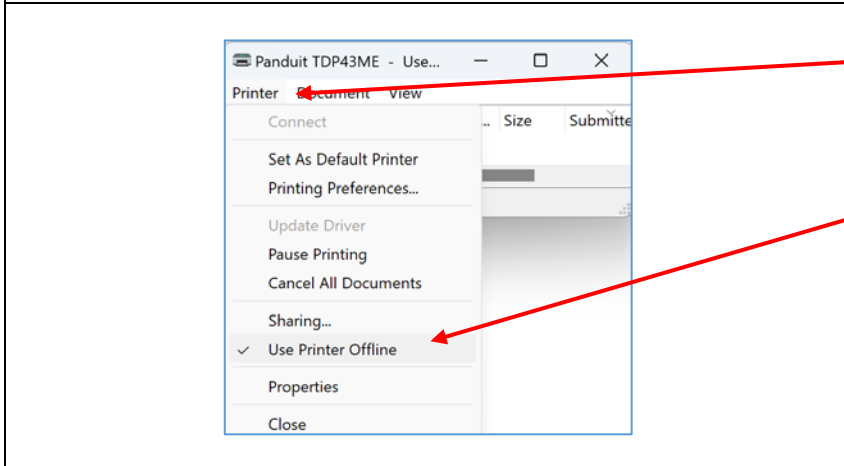
The note below Panduit TDP43ME will indicate if the printer is OFFLINE.



Navigate to Devices and Printers from the search bar.

Right click Panduit TDP43ME.

Click on See what's printing.

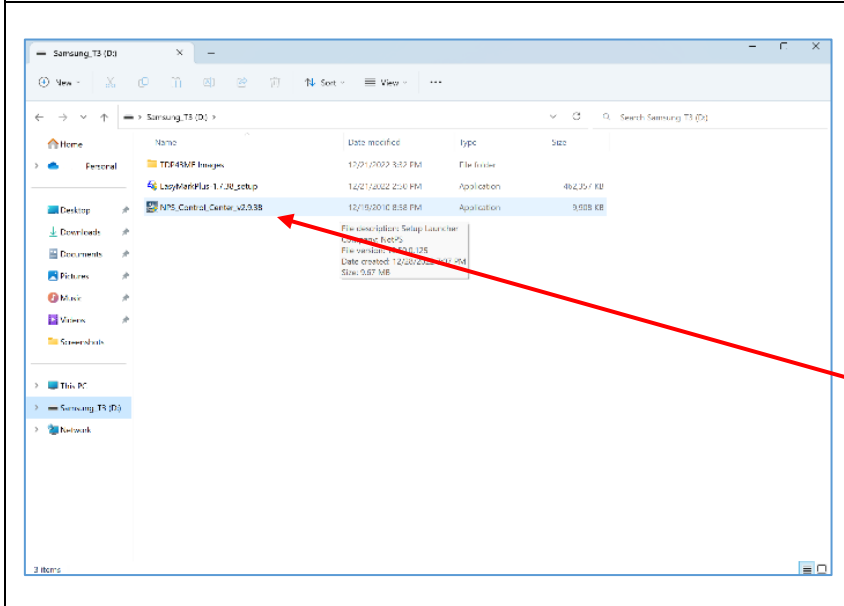


Once in the print queue click Printer in the top left.

Click to remove the check next to Use Printer Offline. Removing the check will set the printer to ONLINE or READY.

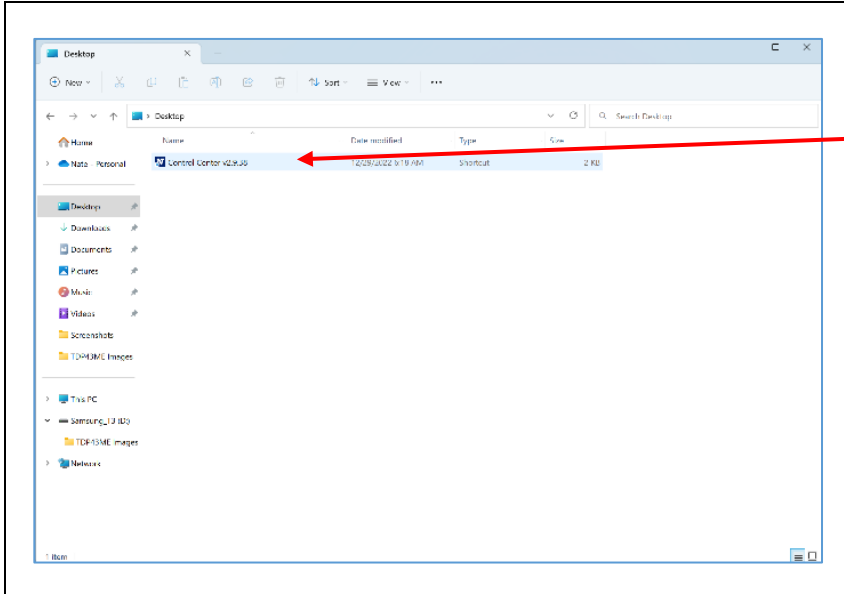
The note should now have no OFFLINE note. If nothing is noted, then it is in ONLINE and OK to continue to next step.

STEP 2. OBTAINING THE IP ADDRESS FOR THE PRINTER:



Open and install the Control Center software located on the CD provided in the printer kit or download from Panduit.com.

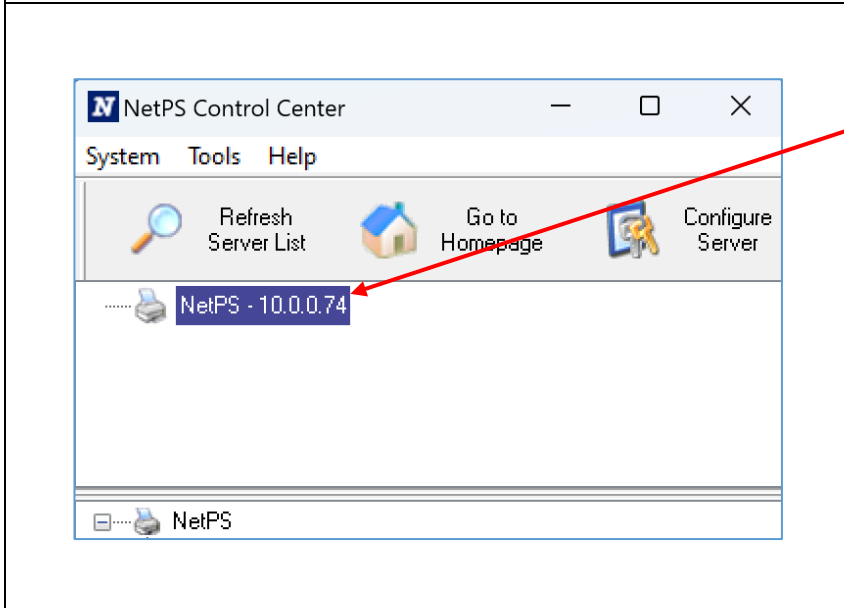
Open the download and install NPS Control Center.



Double click the NPS Control Center icon to start the software.

Remove the label covering the Ethernet port on the printer.

Insert an Ethernet cable into the network connector.

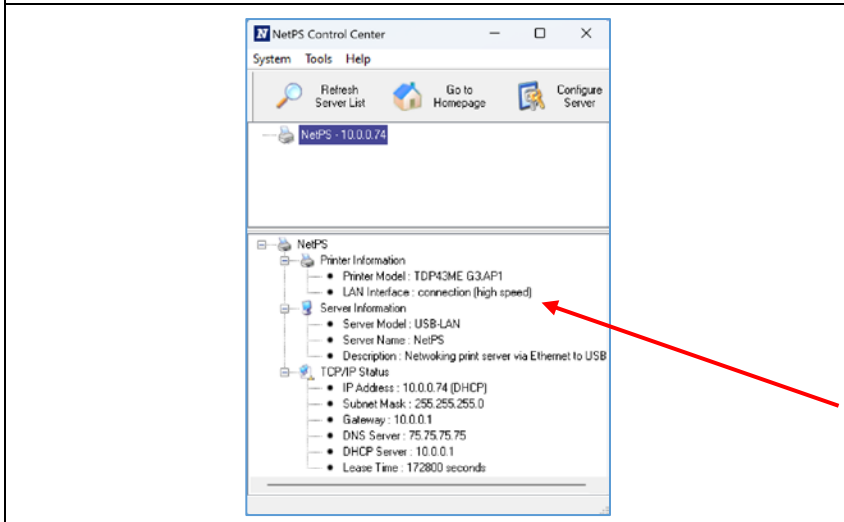


Open the CONTROL CENTER SOFTWARE and write down the NetPS address that appears when the software opens.

(Ethernet cable must be connected to the printer).

NOTE:

If no address is shown next to NetPS, then the Ethernet cable is not active, the Ethernet cable is not plugged in or active or DHCP is not providing an IP address. A number/address **must** appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.



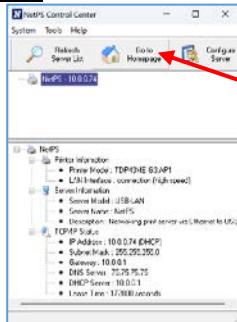
If an IP address appears next to NetPS, write this number down. If no Static IP address is to be used, continue to Step 3.

A simple check to see which port is active is as follows:

Click on the IP address to highlight it. The information will appear in the lower status box. Below the Printer model line is the LAN interface status line. If the line displays DISCONNECTION, the USB port is active. If the line displays HIGH SPEED, the Ethernet port is active.

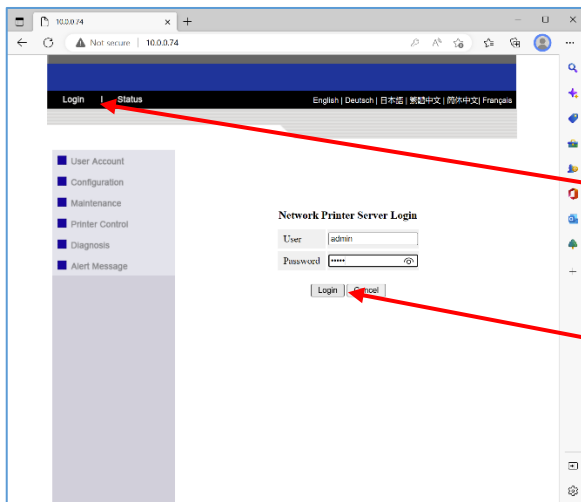
DHCP is a system which automatically assigns an IP address from the server once the device is attached by Ethernet port. The other option of this system is to manually set a static IP address. There are pros and cons of each system. The DHCP address is a time specific “lease” of this IP address. This IP address will eventually be recalled, and the attached device may cease to function correctly. Its’ alternative is a manually assigned static IP address. This works well in defined systems but requires IT or computer personnel input. If a static IP address is used, use the following step in setting this address for the printer.

STATIC IP Instructions:



Click on Go to Homepage.

This action opens the internal webpage associated with this printer.

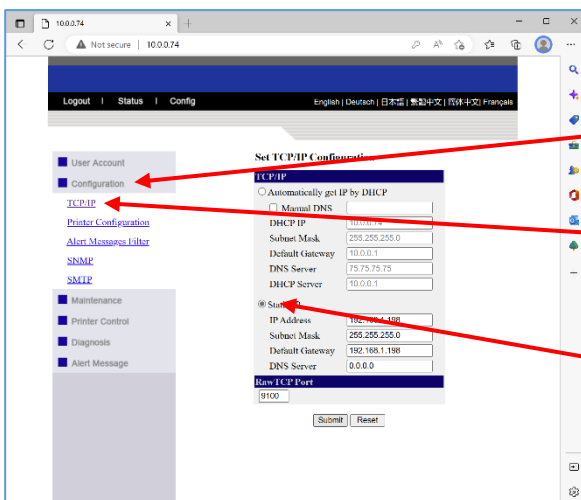


The webpage opens.

Click on the Login button.

The user and password are *admin* and *admin*, (both lower case).

Click the Login button.

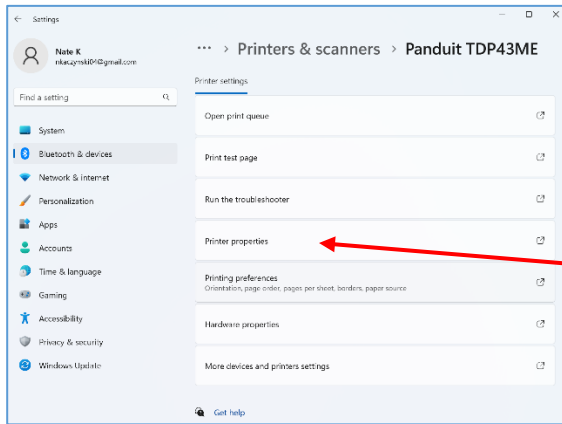


Click on the Configuration button

Click TCP/IP. This will bring up the page to the left.

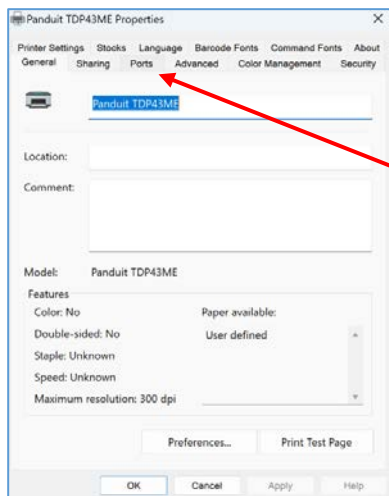
Click STATIC IP and fill in the information provided by the IT or Network Administrator.

STEP 3. CHANGING THE PORT SELECTION TO THE IP ADDRESS:

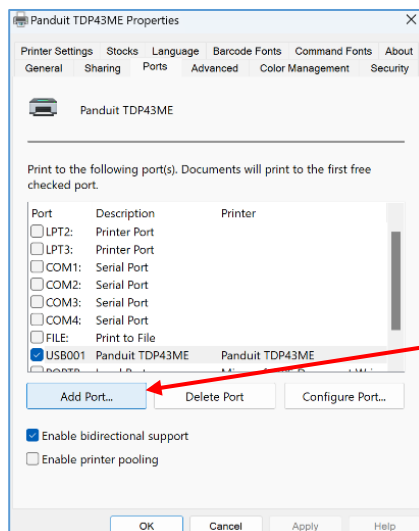


Once the actual IP Address has been written down, open the Panduit TDP43ME back in the Printers and scanners window.

Click on the **PRINTER PROPERTIES** line.



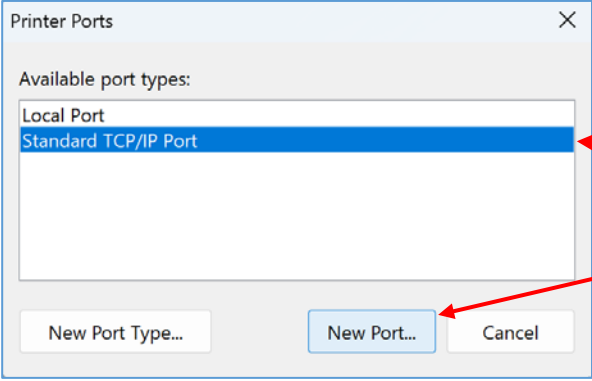
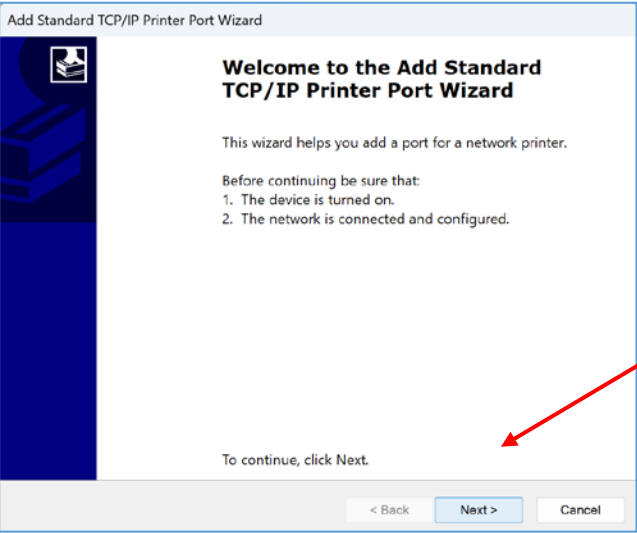
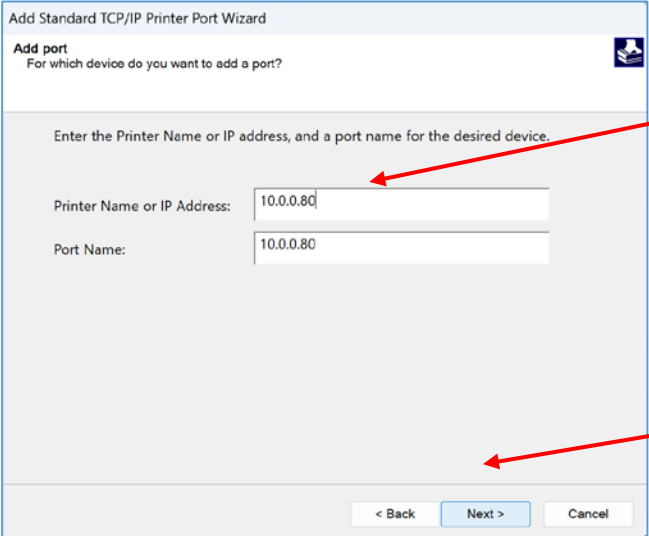
Click on the **PORTS** tab in the Printer **PROPERTIES** window.

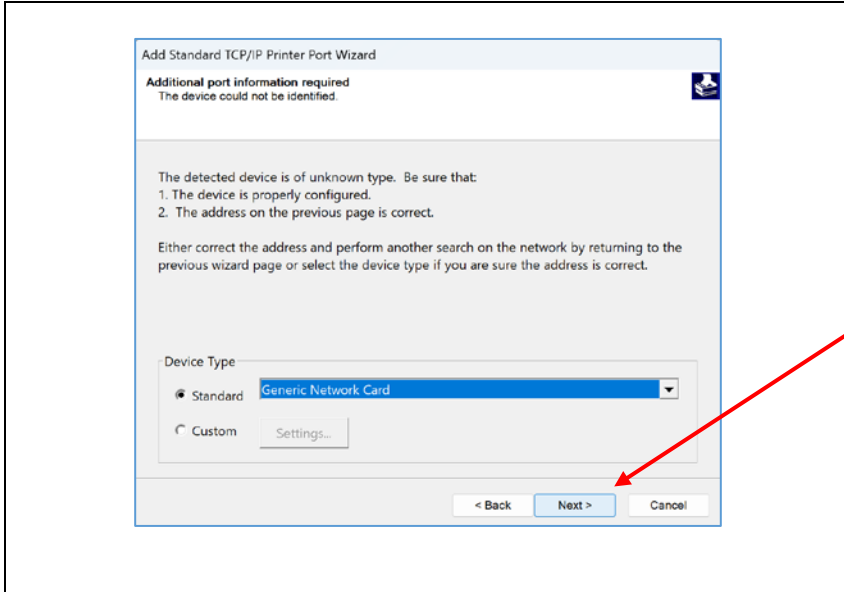


A new Ethernet port must be added as an option for port printing.

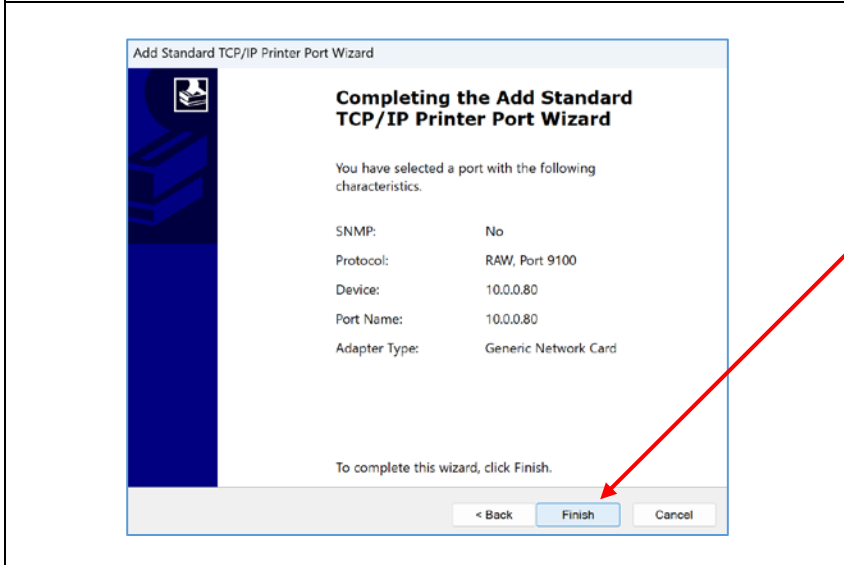
Click on **ADD PORT** button.



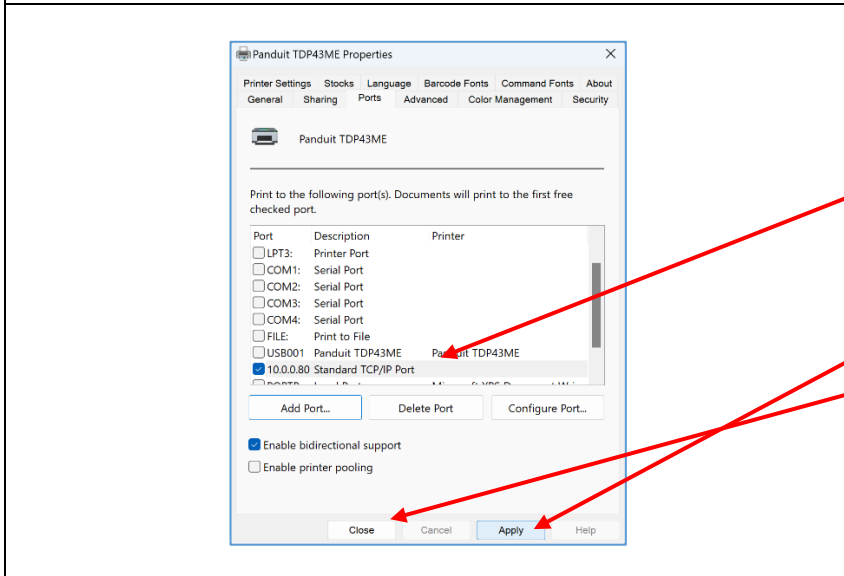
	<p>Click on and highlight STANDARD TCP/IP PORT</p> <p>Click NEW PORT... button.</p>
	<p>Printer Port Wizard window will open.</p> <p>Click NEXT.</p>
	<p>Type in the IP Address that was written down from NetPS line in Control Center Software.</p> <p><u>Or, type in the Static IP Address if one is being used for this printer.</u> (Microsoft fills in the Port Name line.)</p> <p>Click NEXT.</p>



Click NEXT



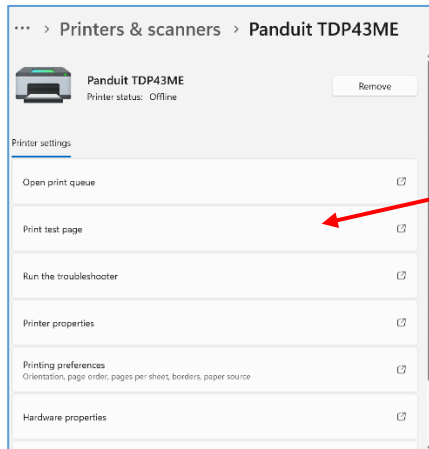
Click FINISH.



New port should be checked.

Click APPLY and then click CLOSE or OK.

The Ethernet port is now active and set as the printer's port.



Click on the PRINT TEST PAGE button to print to this printer. It should be printed.

Your printer is now set to Ethernet Port printing.

Close all windows and disconnect the USB cable.

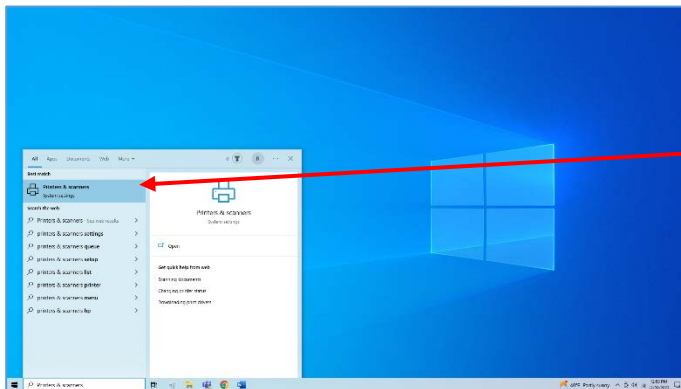
If The Printer Is To Be Installed On An Ethernet Port (Win10):

There are three basic steps in installing a TDP43ME printer on an Ethernet port in Windows 10. These are:

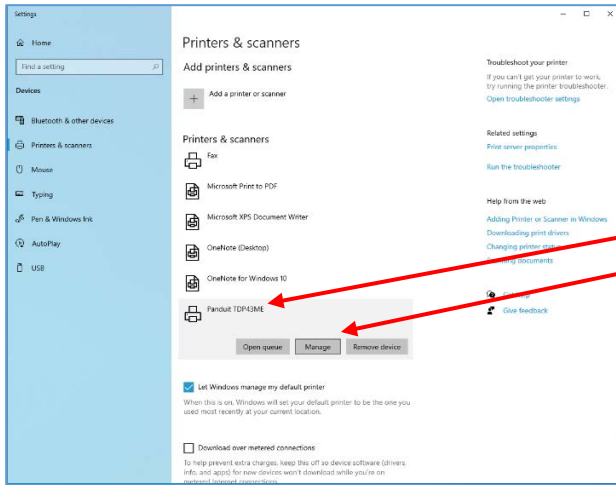
1. Install printer on USB port and change printer internal circuitry to Ethernet port active.
2. Obtain the IP address that the printer will use in communicating with the computer. Using NetPS Control Center software can determine the IP address for the selected printer.
3. Change the port selection to the TCP/IP port by adding the port, using the above found IP address and selecting it in Printers & scanners.

STEP 1. CHANGING INTERNAL CIRCUITRY

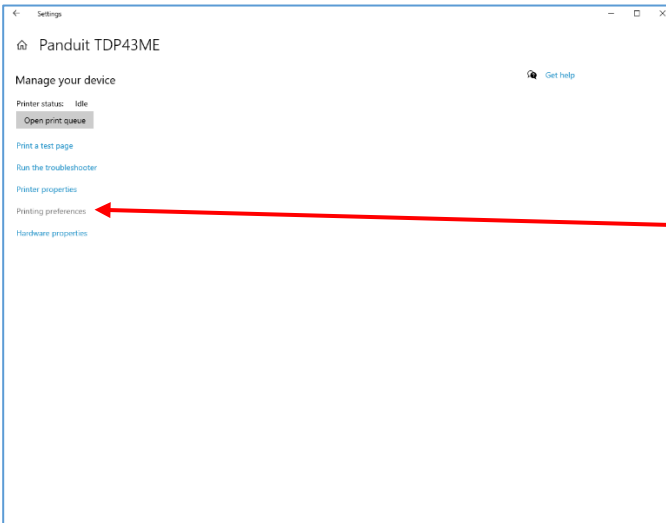
The following steps will guide the installer in changing the internal port circuitry.



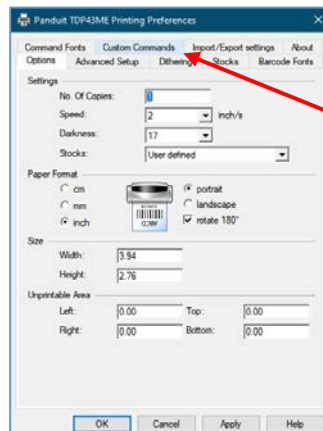
In search menu, type Printers & scanners, and click on the highlighted option.



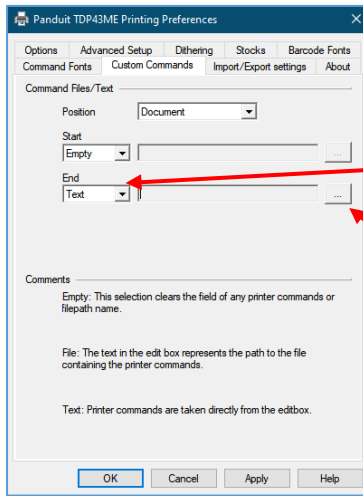
Click on Panduit TDP43ME, then click manage.



Click on the PRINTING PREFERENCES line.

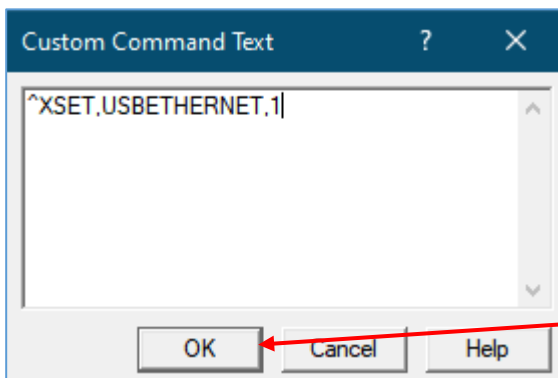


In the PRINTING PREFERENCES window, click on the CUSTOM COMMANDS tab.



In the CUSTOM COMMANDS window, click on the END down arrow and drag the mouse down to TEXT and release.

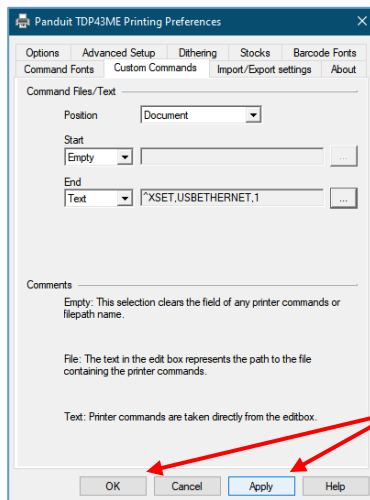
Click on the ellipsis (three dots) button, the following window will pop up.



In this window, type “^XSET,USBETHERNET,1” followed by a **RETURN**.

Type it exactly like this command, with uppercase letters, no spaces, no quotation marks, etc. “^” is the shift 6 button.

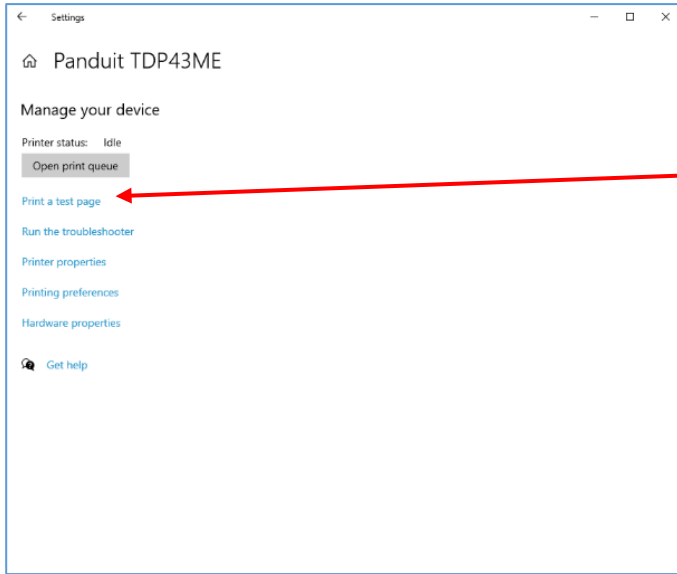
After the RETURN key, click OK. This action sets the printer to switch the relay in the printer to Ethernet active once the next print job has been sent.



Click APPLY and then OK and this window will disappear.



The internal circuitry has now been set to Ethernet port active.

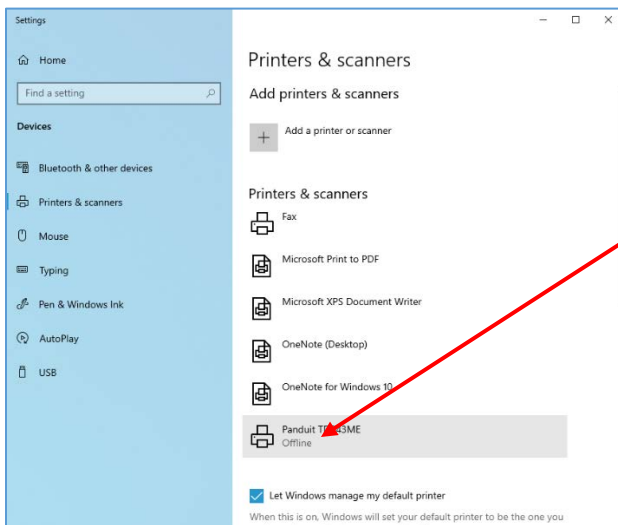


The printer must now print something for the Custom Command to take effect.

In the TDP43ME window, click on the printer to be tested.

Click Print a test page

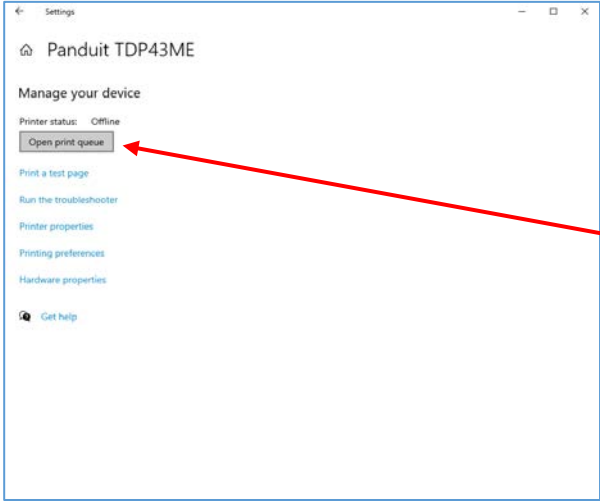
The printer will print the test page. The printer was previously set to switch Ethernet port to active at the end of the next print command sent. After the test page is printed, the relay within the printer will switch to activate the ETHERNET port. *[A slight audible click may be heard when the relay switches from one port to the other port.]* If the printer red-lights, that is ok, simply turn off the printer and then turn it back on.



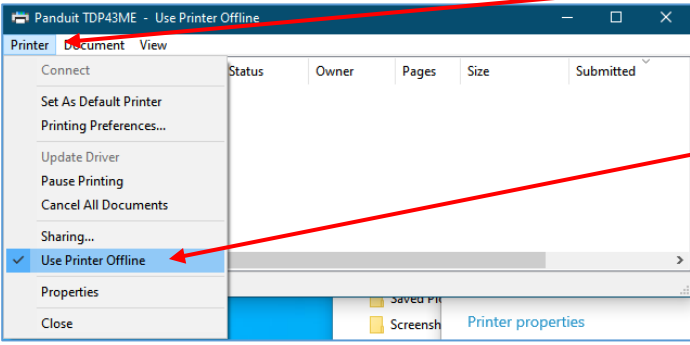
The note below Panduit TDP43ME will indicate if the printer is OFFLINE.

If printer is OFFLINE.

Click on Panduit TDP43ME



Click on Open print queue.

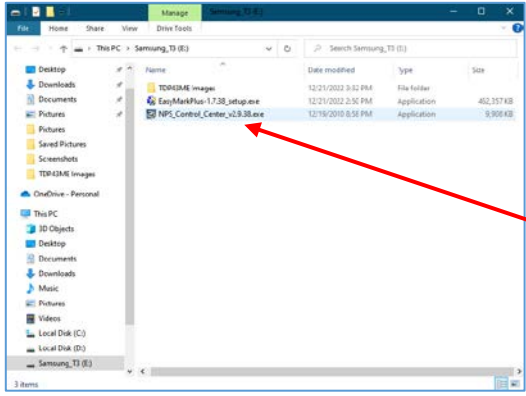


Once in the print queue click Printer in the top left.

Click to remove the check next to Use Printer Offline. Removing the check will set the printer to ONLINE or READY.

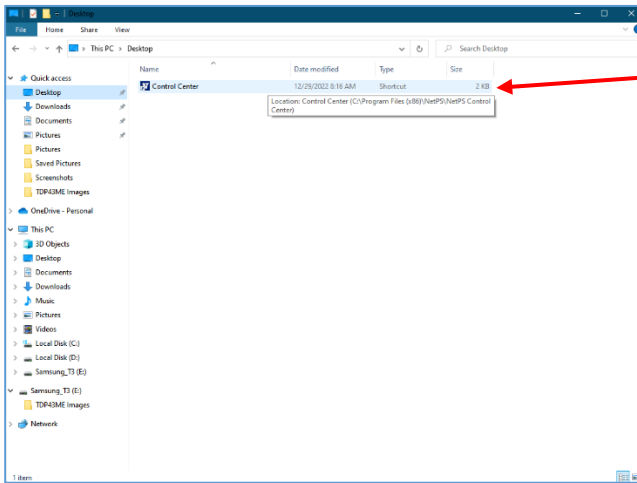
The note should now have no OFFLINE note. If nothing is noted, then it is ONLINE and OK to continue to next step.

STEP 2. OBTAINING THE IP ADDRESS FOR THE PRINTER:



Open and install the Control Center software located on the CD provided in the printer kit or download from Panduit.com.

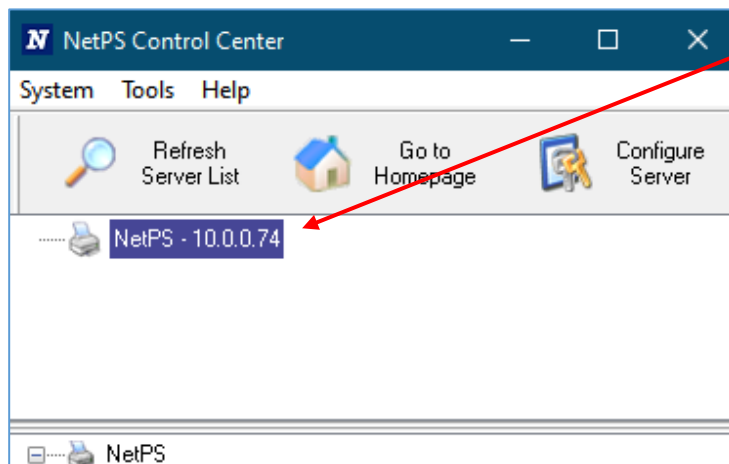
Open the download and install NPS Control Center.



Double click the NPS Control Center icon to start the software.

Remove the label covering the Ethernet port on the printer.

Insert an Ethernet cable into the network connector.

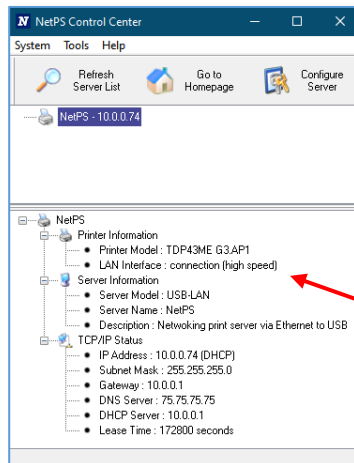


Open the CONTROL CENTER SOFTWARE and write down the NetPS address that appears when the software opens.

(Ethernet cable must be connected to the printer).

NOTE:

If no address is shown next to NetPS, then the Ethernet cable is not active, the Ethernet cable is not plugged in or active or DHCP is not providing an IP address. A number/address **must** appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.



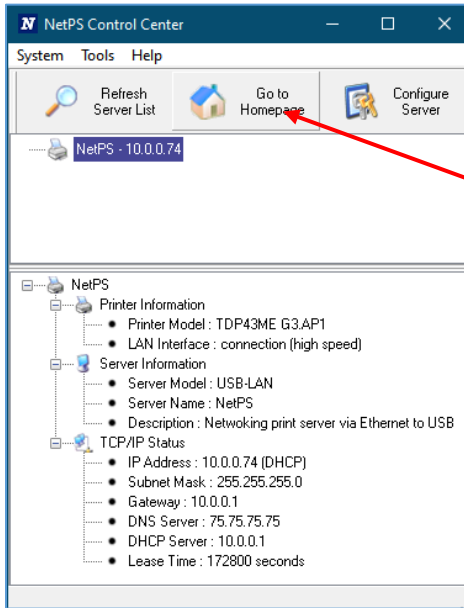
If an IP address appears next to NetPS, write this number down. If no Static IP address is to be used, continue to Step 3.

A simple check to see which port is active is as follows:

Click on the IP address to highlight it. The information will appear in the lower status box. Below the Printer model line is the LAN interface status line. If the line displays DISCONNECTION, the USB port is active. If the line displays HIGH SPEED, the Ethernet port is active.

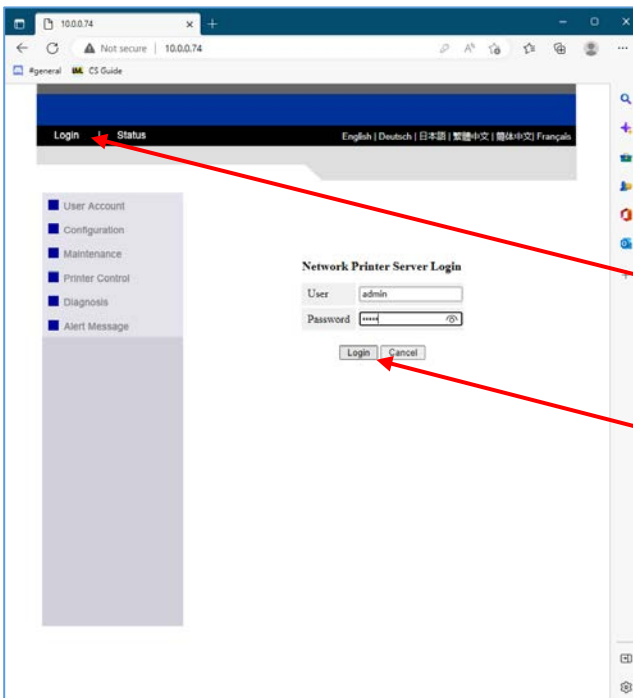


DHCP is a system which automatically assigns an IP address from the server once the device is attached by Ethernet port. The other option of this system is to manually set a static IP address. There are pros and cons of each system. The DHCP address is a time specific “lease” of this IP address. This IP address will eventually be recalled and the attached device may cease to function correctly. Its’ alternative is a manually assigned static IP address. This works well in defined systems, but requires IT or computer personnel input. If a static IP address is used, use the following step in setting this address for the printer.



Click on Go to Homepage.

This action opens the internal webpage associated with this printer.

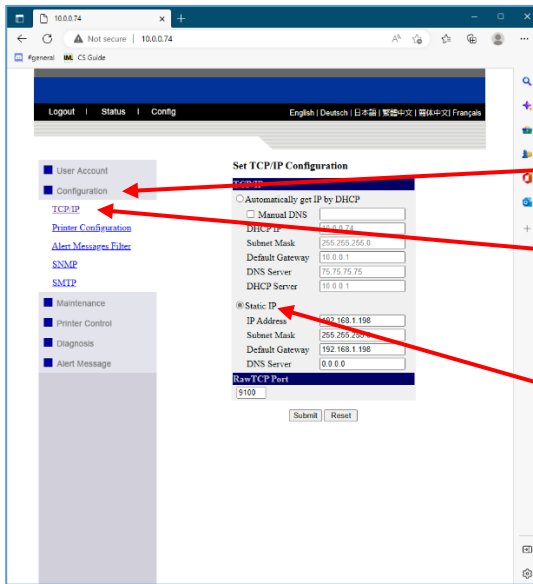


The webpage opens.

Click on the Login button.

The user and password are *admin* and *admin*, (both lower case).

Click the Login button.

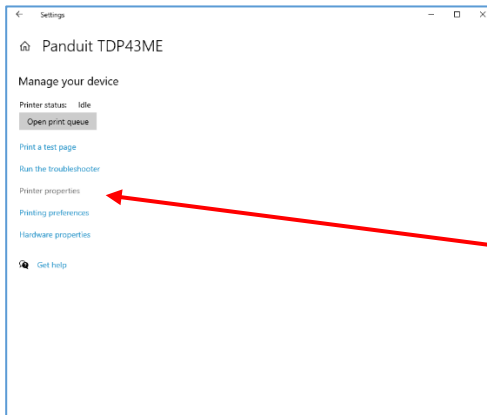


Click on the Configuration button

Click TCP/IP. This will bring up the page to the left.

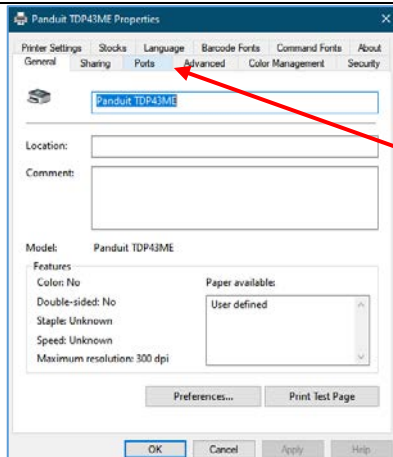
Click STATIC IP and fill in the information provided by the IT or Network Administrator.

STEP 3. CHANGING THE PORT SELECTION TO THE IP ADDRESS:

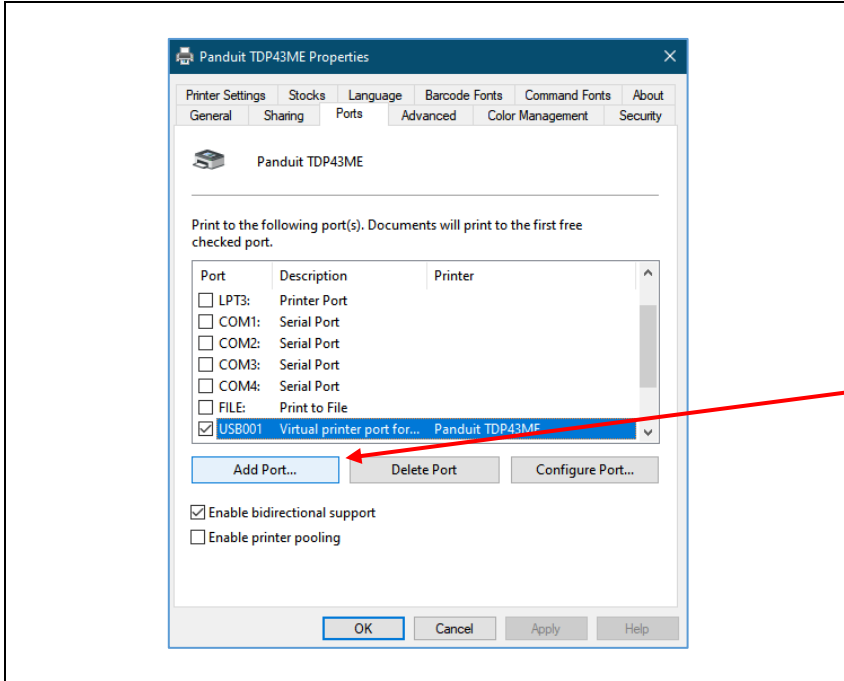


Once the actual IP Address has been written down, open the Panduit TDP43ME back in the Printers and scanners window.

Click on the PRINTER PROPERTIES line.

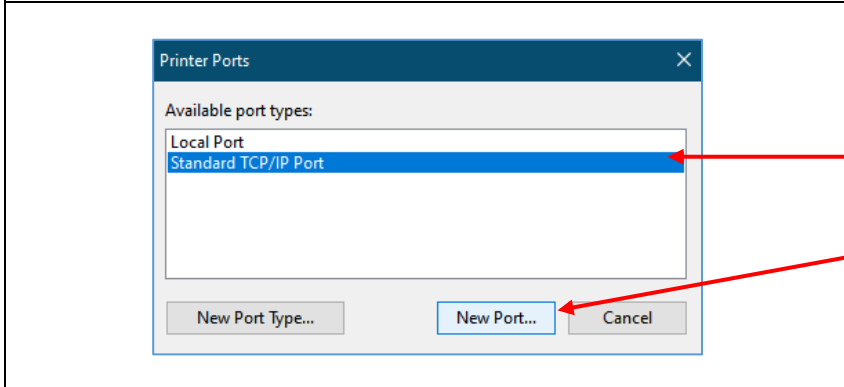


Click on the PORTS tab in the Printer PROPERTIES window.



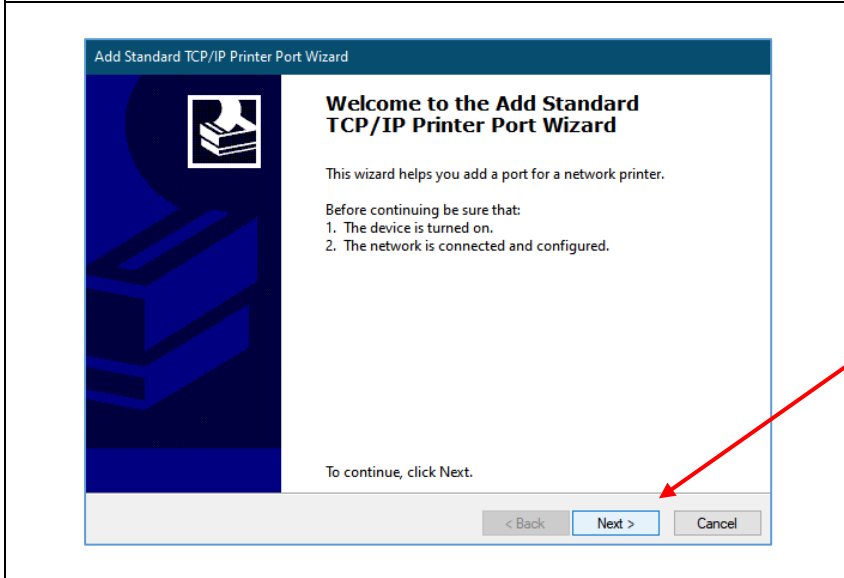
A new Ethernet port must be added as an option for port printing.

Click on ADD PORT button.



Click on and highlight STANDARD TCP/IP PORT

Click NEW PORT... button.



Printer Port Wizard window will open.

Click NEXT.



Type in the IP Address that was written down from NetPS line in Control Center Software.

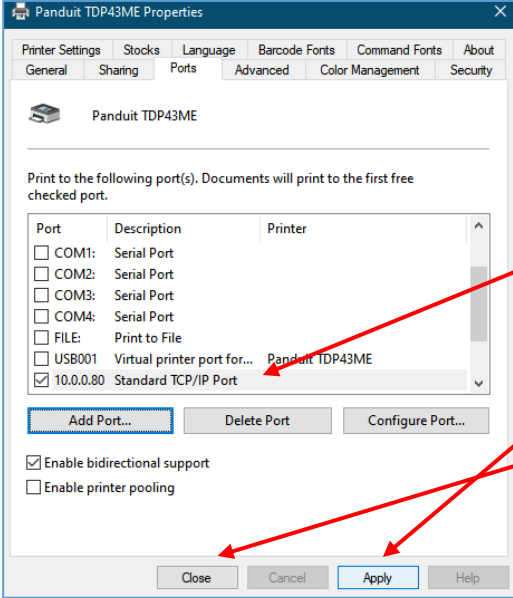
Or, type in the Static IP Address if one is being used for this printer.
(Microsoft fills in the Port Name line.)

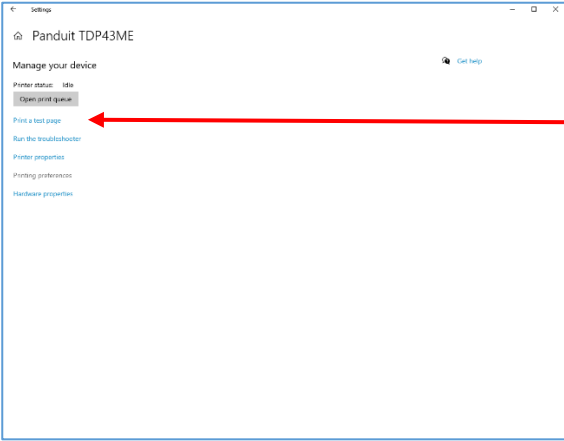
Click NEXT.

Click NEXT

Click FINISH.



	<p>New port should be checked.</p> <p>Click APPLY and then click CLOSE or OK.</p> <p>The Ethernet port is now active and set as the printer's port.</p>
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	<p>Click on the PRINT TEST PAGE button to print to this printer. It should be printed.</p> <p>Your printer is now set to Ethernet Port printing.</p> <p>Close all windows and disconnect the USB cable.</p>
--	---

If The Printer Is To Be Installed On An Ethernet Port (Win7):

There are three basic steps in installing a TDP43ME printer on an Ethernet port in Windows 7. These are:

1. Install printer on USB port and change printer internal circuitry to Ethernet port active.
2. Obtain the IP address that the printer will use in communicating with the computer. Using NetPS Control Center software can determine the IP address for the selected printer.
3. Change the port selection to the TCP/IP port by adding the port, using the above found IP address and selecting it in Devices and Printers.

STEP 1. CHANGING INTERNAL CIRCUITRY

The following steps will guide the installer in changing the internal port circuitry.

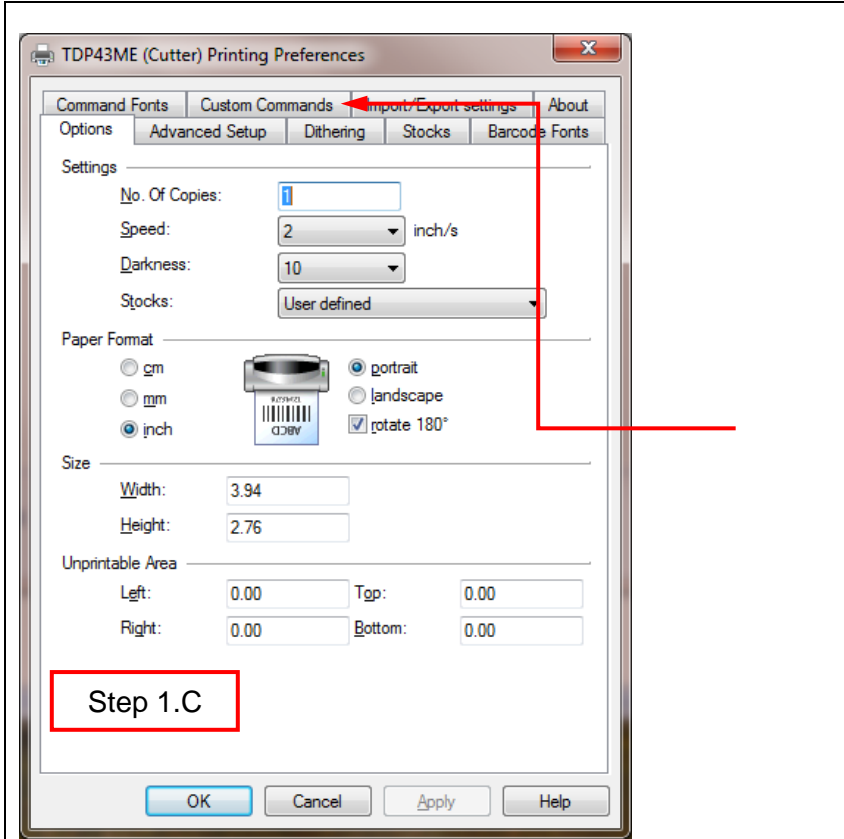
Step 1.A

In START Menu, click on DEVICES and PRINTERS.

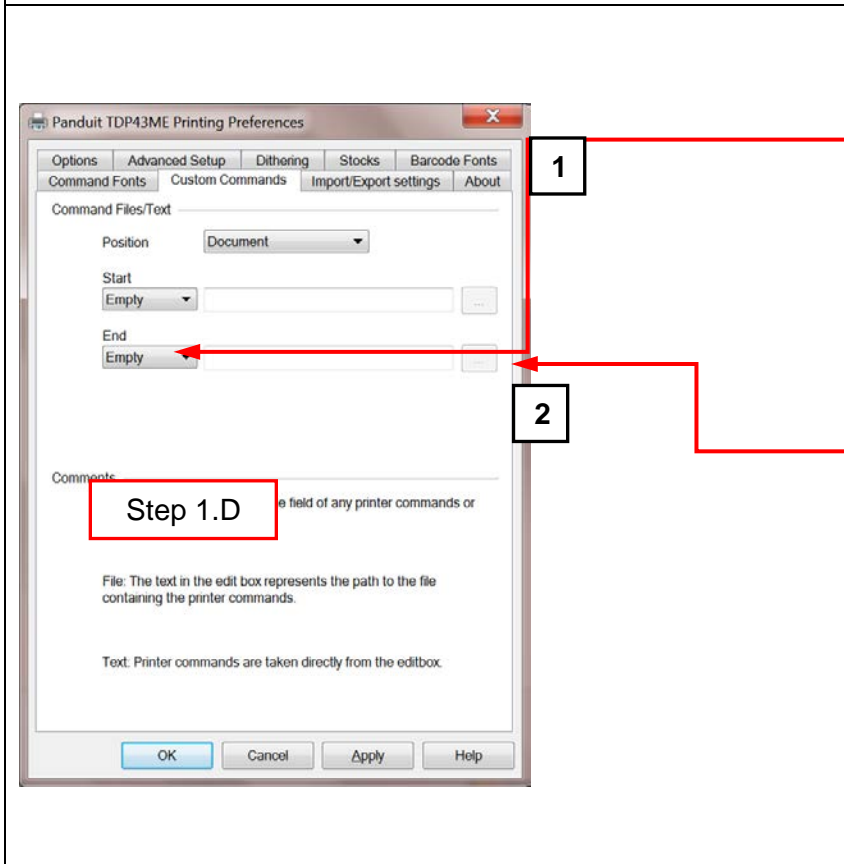
Highlight the printer to be controlled by this computer and right click.

Step 1.B

Click on the PRINTING PREFERENCES line.

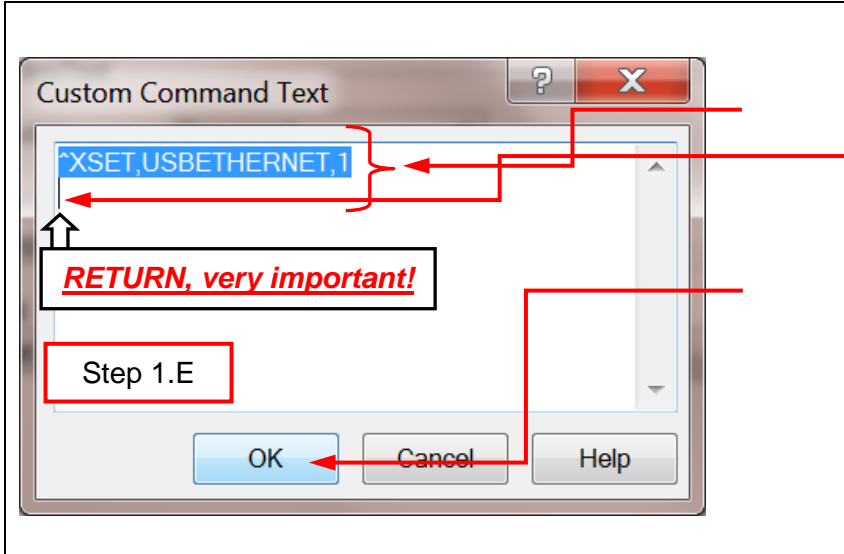


In the PRINTING PREFERENCES window, click on the CUSTOM COMMANDS tab.



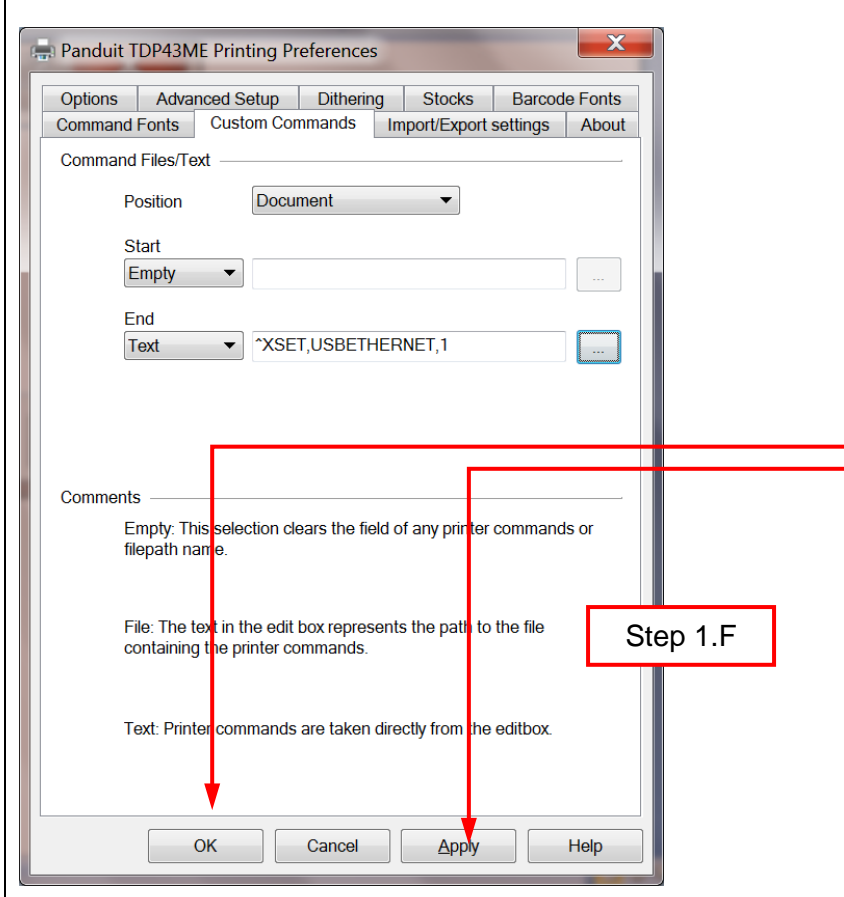
In the CUSTOM COMMANDS window, click on the END down arrow and drag the mouse down to TEXT and release.

Click on the ellipsis (three dots) button, the following window will pop up.



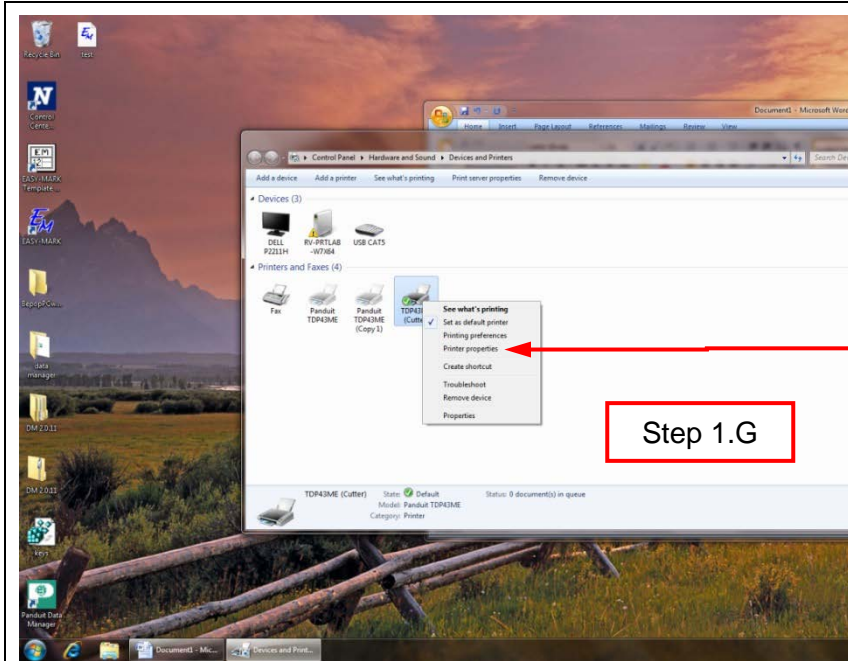
In this window, type “^XSET,USBETHERNET,1” followed by a **RETURN**. Type it exactly like this command, with uppercase letters, no spaces, no quotation marks, etc. “^” is the shift 6 button.

After the RETURN key, click OK. This action sets the printer to switch the relay in the printer to Ethernet active once the next print job has been sent.



Click APPLY and then OK and this window will disappear.

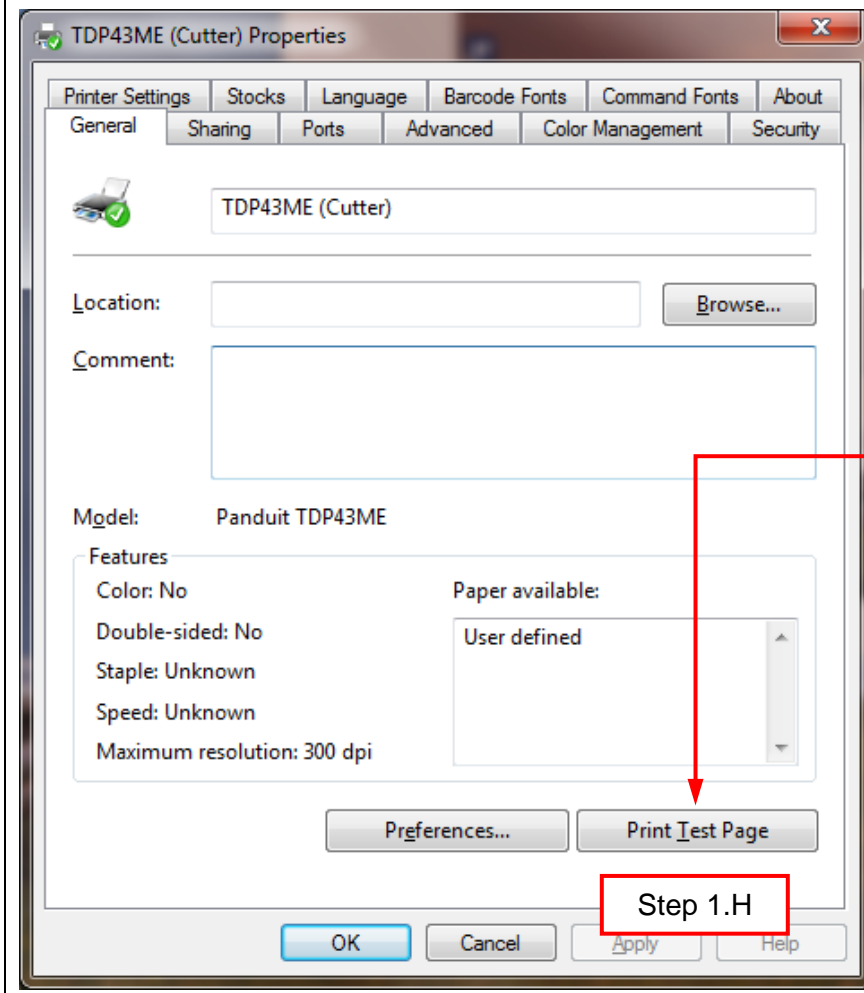
The internal circuitry has now been set to Ethernet port active.



The printer must now print something for the Custom Command to take effect.

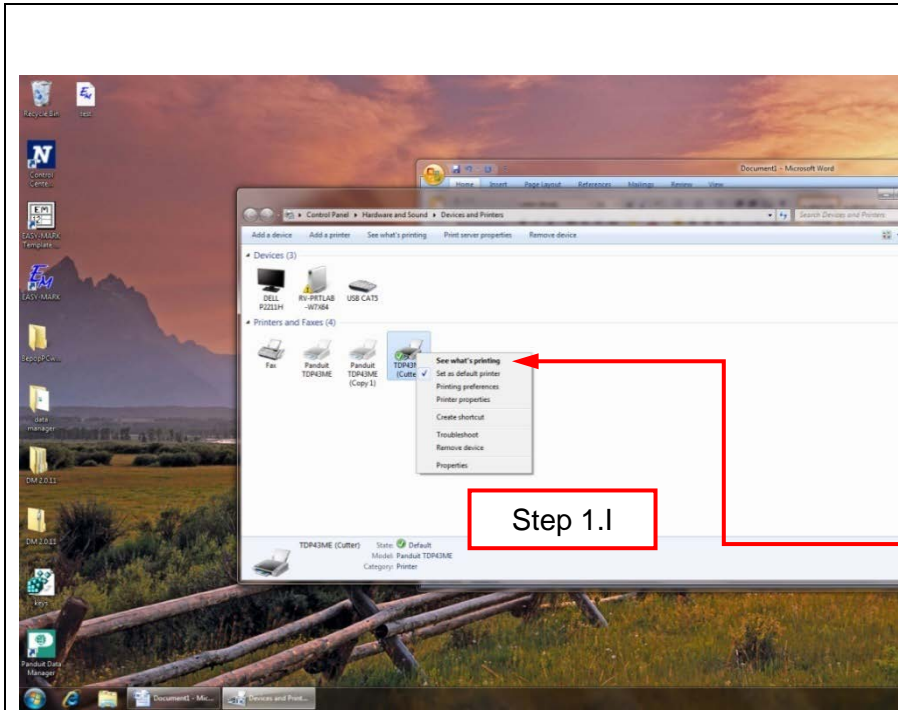
In the Devices and Printers window, right click on the printer to be tested.

Release the right mouse button on the PRINTING PROPERTIES line.



In the PROPERTIES window, click on PRINT TEST PAGE.

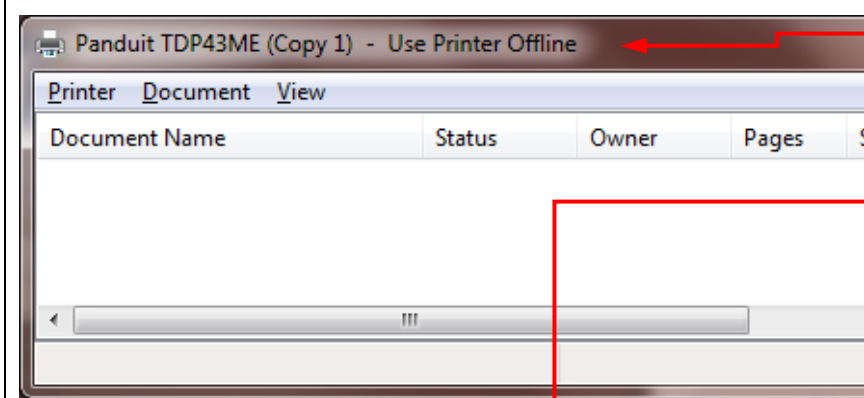
The printer will print the test page. The printer was previously set to switch Ethernet port to active at the end of the next print command sent. After the test page is printed, the relay within the printer will switch to activate the ETHERNET port. [A slight audible click may be heard when the relay switches from one port to the other port.] If the printer red-lights, that is ok, simply turn off the printer and then turn it back on.



Once the USB Port is disabled, the printer will most likely show that the printer is OFFLINE.

To determine if the printer is OFFLINE, right click on the printer to be used.

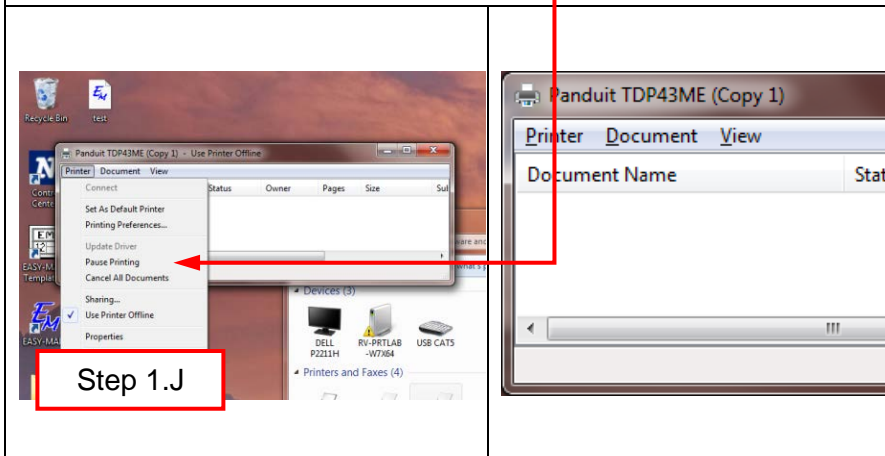
Click on SEE WHAT'S PRINTING.



The heading at the top of the window will indicate if the printer is OFFLINE.

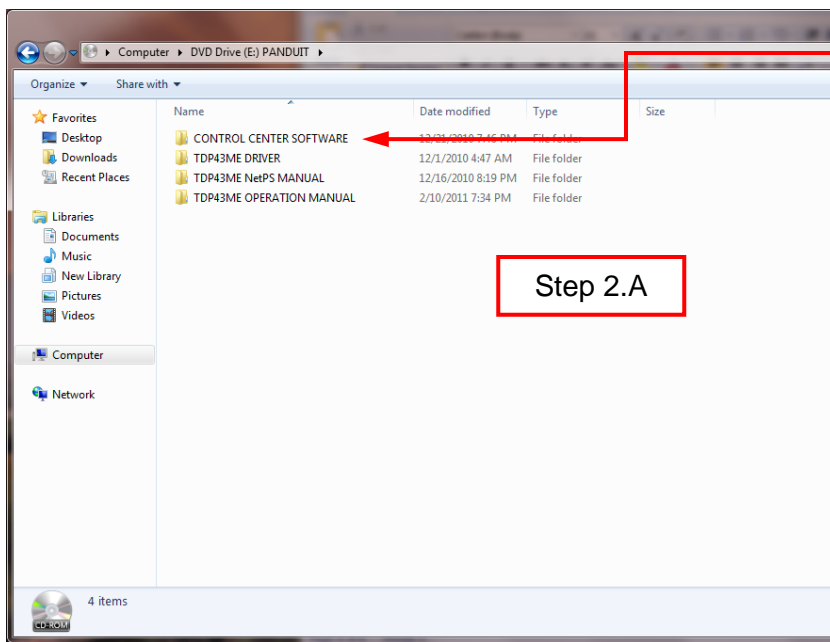
If printer is OFFLINE, then right click on the Printer button and go to the Use Printer ONLINE option.

Click to remove the check. Removing the check will set the printer to ONLINE or READY.



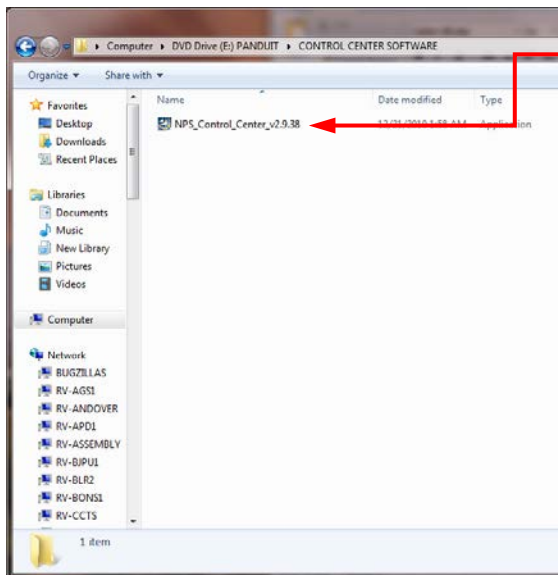
The heading should now have no OFFLINE note. If nothing is noted, then it is in ONLINE and OK to continue to next step.

STEP 2. OBTAINING THE IP ADDRESS FOR THE PRINTER:



Open and install the Control Center software located on the CD provided in the printer and at Panduit.com.

Open the Control Center Software folder.



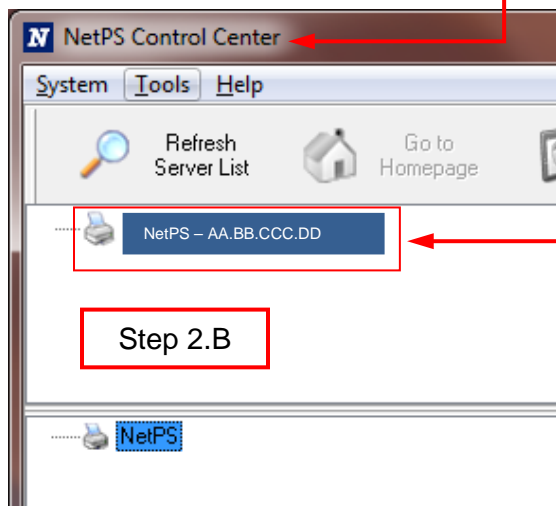
Double click the NPS Control Center icon to start the software.

Remove the label covering the Ethernet port on the printer.

Insert an Ethernet cable into the network connector.



Open the Control Center software from the icon located on the desktop.

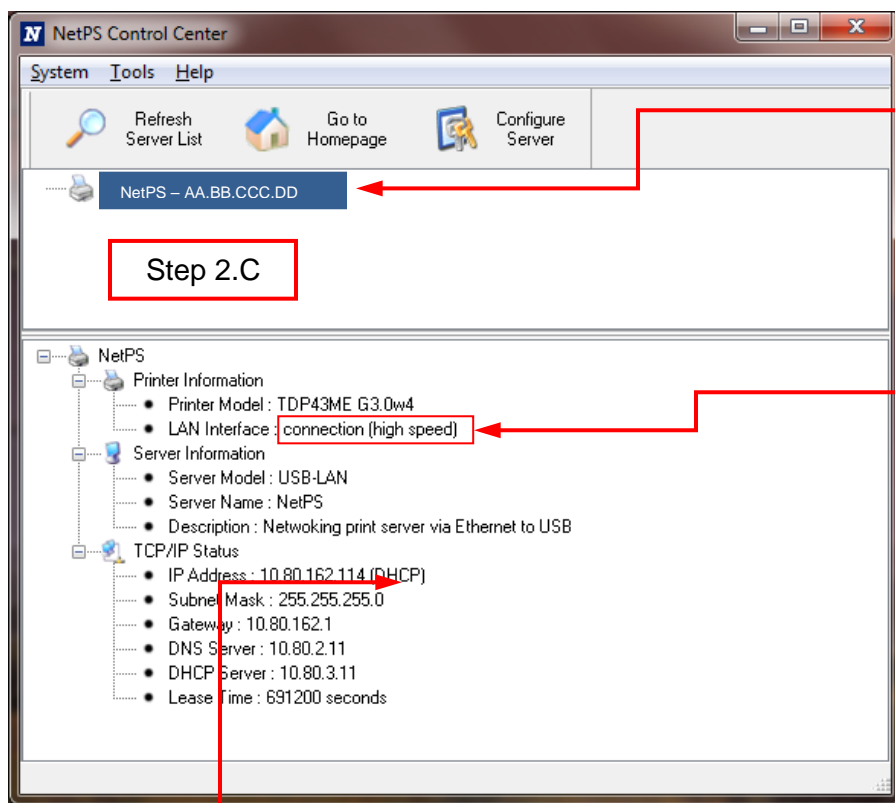


Open the CONTROL CENTER SOFTWARE and write down the NetPS address that appears when the software opens.

(Ethernet cable must be connected to the printer).

NOTE:

If no address is shown next to NetPS, then the Ethernet cable is not active, the Ethernet cable is not plugged in or active or DHCP is not providing an IP address. A number/address **must** appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.



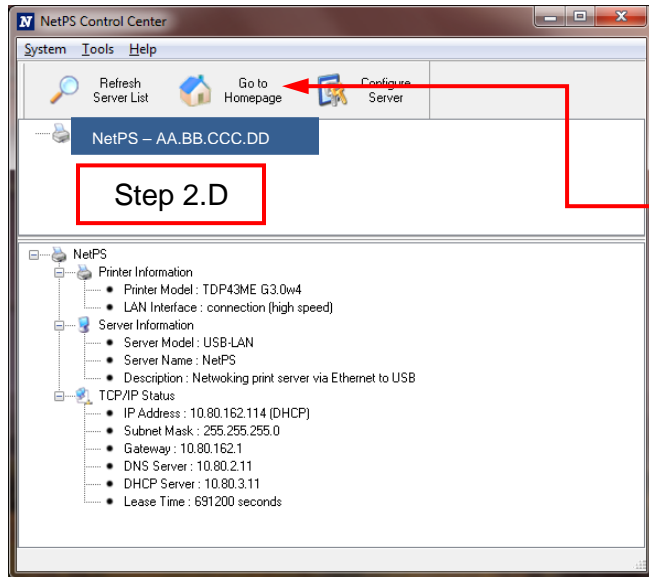
If an IP address appears next to NetPS, write this number down. If no Static IP address is to be used, continue to Step 3.

A simple check to see which port is active is as follows:

Click on the IP address to highlight it. The information will appear in the lower status box. Below the Printer model line is the LAN interface status line. If the line displays DISCONNECTION, the USB port is active. If the line displays HIGH SPEED, the Ethernet port is active.

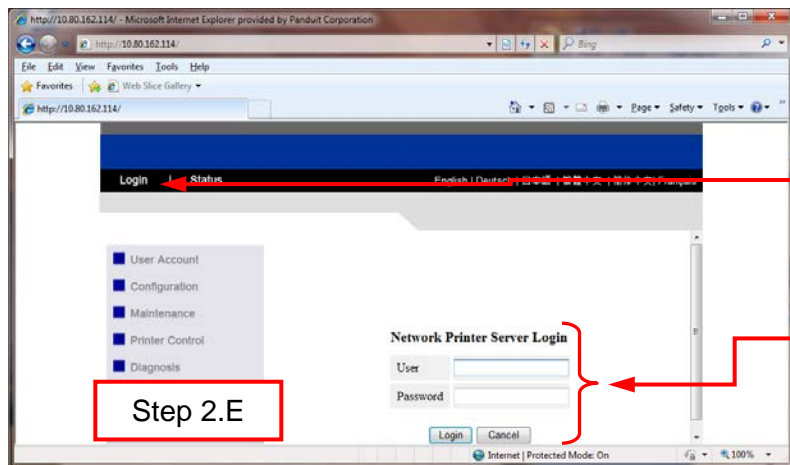
DHCP is a system which automatically assigns an IP address from the server once the device is attached by Ethernet port. The other option of this system is to manually set a static IP address. There are pros and cons of each system. The DHCP address is a time specific "lease" of this IP address. This IP address will eventually be recalled and the attached device may cease to function correctly. Its' alternative is a manually assigned static IP address. This works well in defined systems, but requires IT or computer personnel input. If a static IP address is used, use the following step in setting this address for the printer.

STATIC IP Instructions:



Click on Go to Homepage.

This action opens the internal webpage associated with this printer.

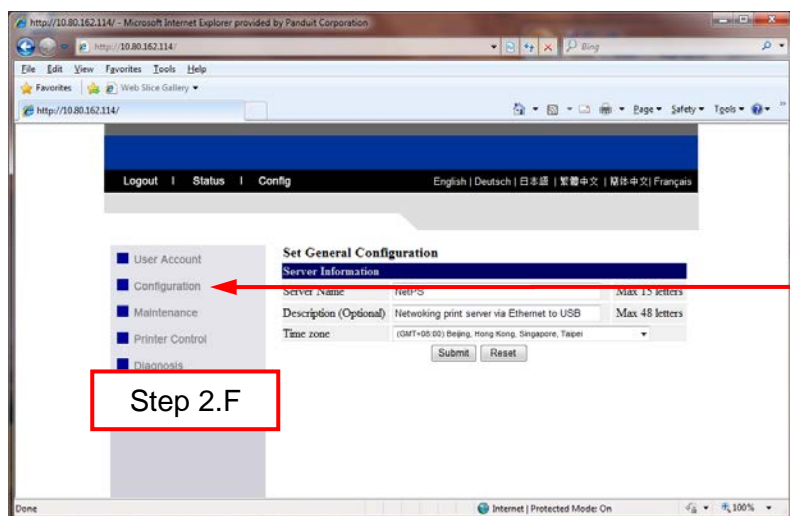


The webpage opens.

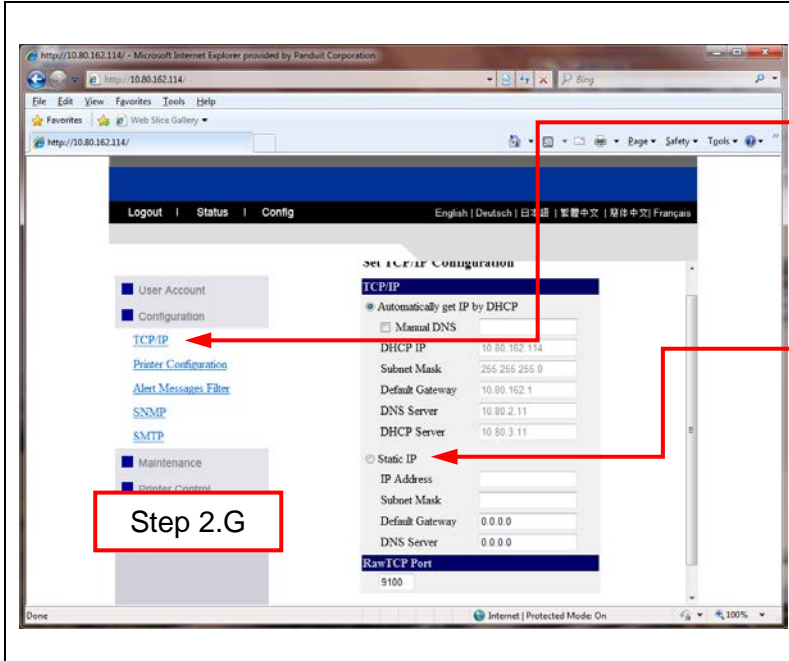
Click on the Login button.

The user and password are *admin* and *admin*, (both lower case).

Click the Login button.



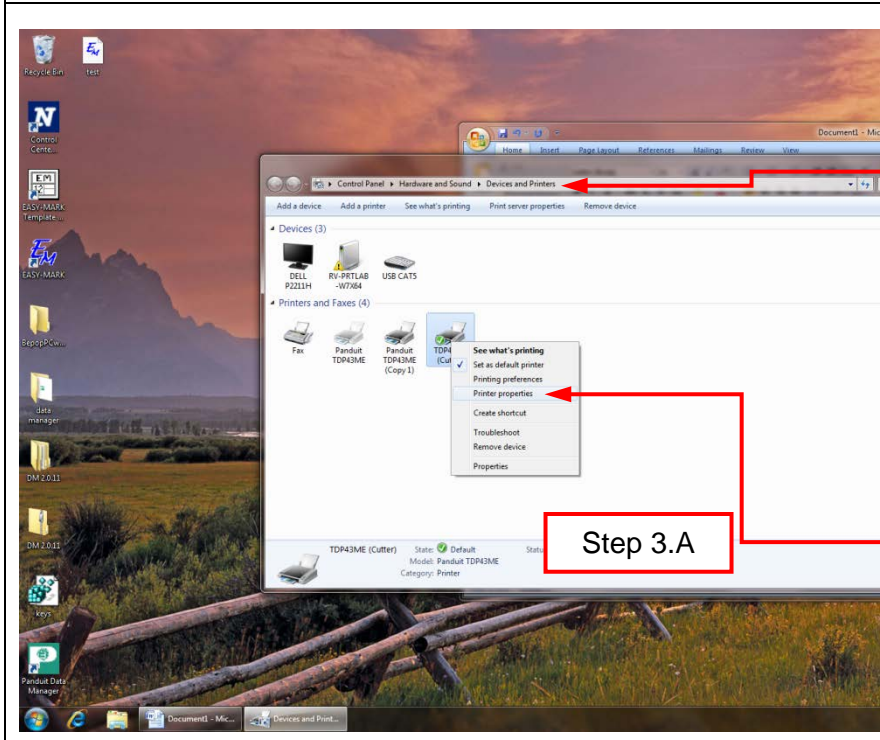
Click on the Configuration button.



Click TCP/IP. This will bring up the page to the right.

Click STATIC IP and fill in the information provided by the IT or Network Administrator.

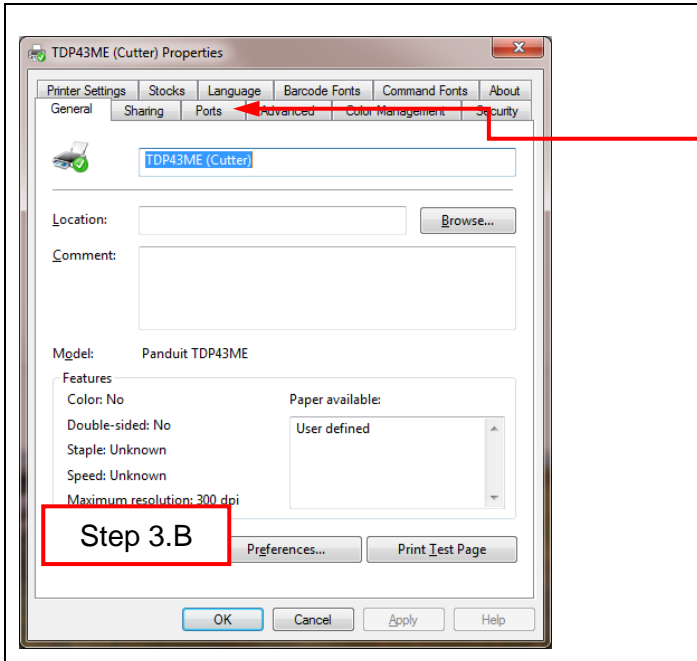
STEP 3. CHANGING THE PORT SELECTION TO THE IP ADDRESS:



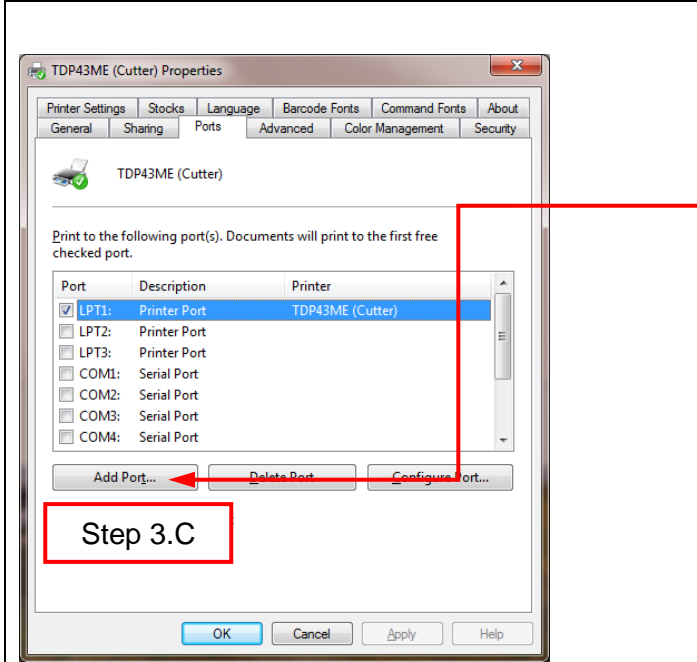
Once the actual IP Address has been written down, open DEVICES AND PRINTERS by clicking the Microsoft Orb in the bottom left corner.

Click on the DEVICES AND PRINTERS line. Highlight the same printer to be controlled by this computer and right click.

Click on the PRINTER PROPERTIES line.



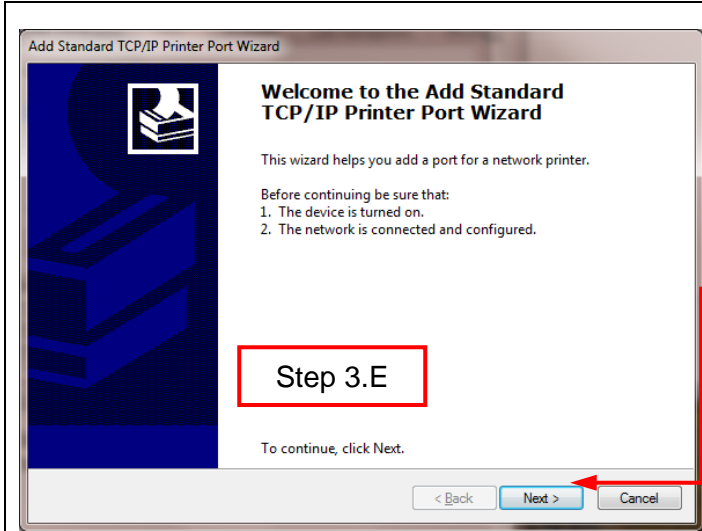
Click on the PORTS tab in the Printer PROPERTIES window.



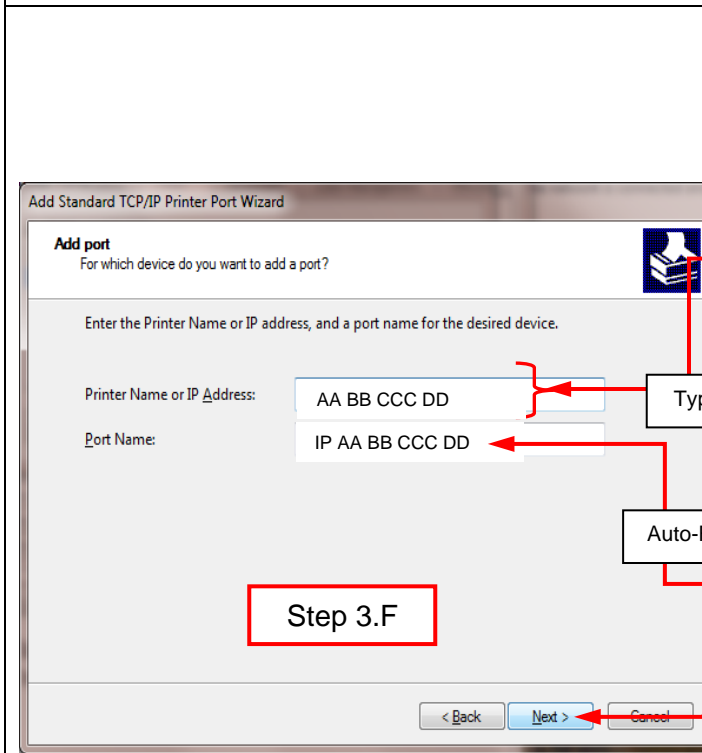
A new Ethernet port must be added as an option for port printing.
Click on ADD PORT button.



Click on and highlight STANDARD TCP/IP PORT
Click NEW PORT... button.



Printer Port Wizard window will open up.
Click NEXT.



Type in the IP Address that was written down from NetPS line in Control Center Software.
Or, type in the Static IP Address if one is being used for this printer. (Microsoft fills in the Port Name line.)
Click NEXT.



Add Standard TCP/IP Printer Port Wizard

Additional port information required

Device Type

Standard Generic Network Card

Custom Settings...

< Back Next > Cancel

Click NEXT

Add Standard TCP/IP Printer Port Wizard

Completing the Add Standard TCP/IP Printer Port Wizard

You have selected a port with the following characteristics.

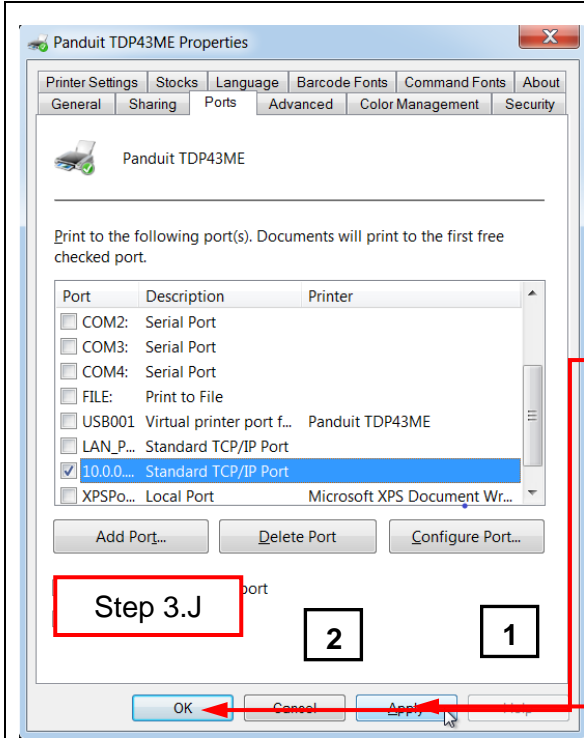
SNMP:	No
Protocol:	RAW, Port 9100
Device:	10.0.0.80
Port Name:	10.0.0.80
Adapter Type:	Generic Network Card

To complete this wizard, click Finish.

< Back Finish Cancel

Step 3.H

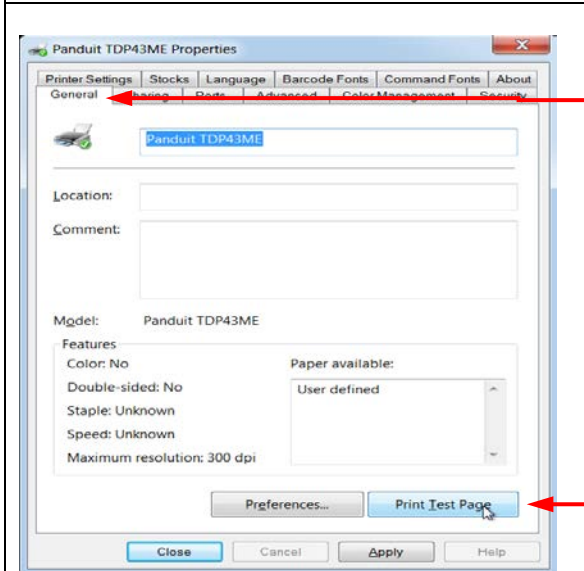
Click FINISH.



New port should be checked.

Click APPLY and then click CLOSE or OK.

The Ethernet port is now active and set as the printer's port.



To test the connection, click on the GENERAL tab on the top two rows.

Click on the PRINT TEST PAGE button to print to this printer. It should be printed.

Your printer is now set to Ethernet Port printing.

Close all windows and disconnect the USB cable.

5. WARNING INFORMATION

Power cord shall be connected to a socket-outlet with earthing connection.

This equipment is not suitable for use in locations where children are likely to be present.