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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,CLSPR 22, Class A / EN55024 : 1998IEC 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



WARNING

Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.



WARNING

Hazardous moving parts. Keep fingers and other body parts away.



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.

Electric Shock Hazard:



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.

Don't pour any liquid into the equipment to avoid electrical shock.



CAUTION

□ Keep the equipment away from moisture and humidity.

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

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	 DLL & Driver: Microsoft Windows 2000, Vista (32 & 64 bit); Microsoft Windows 7, 10 &11 (32 & 64 bit) Easy-Mark Plus™ Labeling Software 		

1-2. General Specifications

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

9600 baud rate, no parity, 8 data bits, 1 stop bit, XON/XOFF protocol and Serial Default 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

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1-4. Printer Parts





 Top Cover
 Label Roll Core
 Ribbon Rewind Wheel
 Print Mechanism
 Ribbon Rewind Shaft + Empty Ribbon Roll

Cover Open Button

- 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:



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.	

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



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2-2. Label Installation

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

FORDULT TDP43ME 6. Close the upper print mechanism from the top to finish label installation, pressing down firmly on both sides of the printer mechanism. Image: Comparison of the printer mechanism.

2-3. Label Roll Core Installation Instruction



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.



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2-5. Driver Installation

rinter Is To Be Installed On A USB PORT:	
Term Term	Navigate to the Panduit folder fro the driver .iso file or from the downloadable .zip file at Panduit.com. Double click PrnInst.exe.
Printer Installation Wizard This wizard will help you install, update or remove printer drivers. Version 5.5.0 Copyright (C) 2000-2022 Euro Plus d.o.o. All Rights Reserved. Exit < Previous Next >	A popup will appear. Click YES. Click NEXT.
Printer Installation Wizard Installation Options Image: Constant option opti	Click INSTALL PRINTER DRIVER.

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cable.

Install

< Previous

Exit

Printer Installation Wizard Printer Installation Wizard is installing the printer driver. Checking if the printer driver already exists on the system Panduit TDP43ME	Wait while the driver installs.			
Printer Installation Wizard Operation completed. Please read the summary below. Installed printers: Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port USB001succeeded. Open printing preferences Install another printer Ext	Installation has been completed.			
If The Printer Is To Be Installed On An Ethernet Port:				
There are two basic steps in installing a TDP43ME printer on an Eth	ernet port. These are:			
 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:				

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Image: Image: Image: Image: Image: Image: Imag	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.
Image:	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.
NetPS Control Center — — × System Tools Help Go to Herrepage Configure Server Prover List Go to Herrepage Configure Server NetPS - 10.0.0.74 NetPS NetPS	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 <u>must</u> appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.



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Image:	Printer Installation Wizard			
Port name: Image:	Add Network Port Enter port configurati	on for the desired printer.		
Click NEXT. Immer Gydnon Immer Gydnon Immer Gydnon Immer Gydnon Immer Gydnon Immer Gydnon Immer Gydnon Immer Gydnon Immer Gydnon Click INSTALL. Click INSTALL. Click INSTALL Click Installation completed. Functional Installation completed. Functional Installation completed. Click Installation completed. Click Installation completed. Click Installation completed. Click Installation completed.	Port name: Printer Name or IPAddre Port number:	LAN_ <mark>Pandut_TDP43ME</mark> is: 10.0.0 00 9100	Enter the addres into PRINTER NA ADRESS field.	s recorded earli AME OR IP
Implementation Printer Option: Printer O			Click NEXT.	
Price transmin Price transmin Click INSTALL. Click INSTALL.		Exit < Previous Next >		
Image: Image	Printer Installation Wizard Printer Options	ntions before installation		
Driver version: \$3.10.7633 Port name: LAN_Pandut_TDP43ME gelect language: Egish	Printer name:	Panduit TDP43ME		
Select language: Location: Comment: I vant to use this printer as the Windows default printer Exit Printer Installation Wizard Operation completed. Please read the summary below. Created printer ports: Created printer ports: Created printer ports: Created printer ports: Installation of Pandut TDP43ME (ver. 5.3.10.7633) on port LAN_Pandut_TDP43ME succeeded. Installation completed.	Driver version: Port name:	5.3.10.7633 LAN_Panduit_TDP43ME		
	Select language:	English ~	Click INSTALL.	
	Location:			
I want to use this printer as the Windows default printer Exit e Previous rinter Installation Wizard Portation completed. Please read the summary below. Created printer ports: Created printer port LAN_Panduit_TDP43MEsucceeded. Installed printers: Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43MEsucceeded. Deen printing preferences Total article article Deen printing preferences Total article article Total article article Total article article Total art	Comment:			
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Summary Operation completed. Please read the summary below. Created printer ports: Creation of printer port LAN_Panduit_TDP43MEsucceeded. Installed printers: Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME	rinter Installation Wizard			
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Creation of printer port LAN_Panduit_TDP43MEsucceeded. Installed printers: Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43MEsucceeded. Deen printing preferences Install and the printers	Created printer ports:			
Installed printers: Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME succeeded.	Creation of printer port LA	I_Panduit_TDP43MEsucceeded.		
Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43MEsucceeded. Open printing preferences Installation of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME Description of Panduit TDP43ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME	Installed printers:		Installation comp	leted.
Open printing preferences	Installation of Panduit TDP4 succeeded.	3ME (ver. 5.3.10.7633) on port LAN_Panduit_TDP43ME		
		Open printing preferences		

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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:

10000	FEED	LED Light	Веер	Status	Description			
READY	READY STATUS	Green	1	Normal status	Normal status			
STATUS		Press and hold the FEED Key then power on the printer.						
C	READY STATUS	Red (Flash) Orange	3	Self-Test	Printing Self-Test page, for operation instructions please refer to page Error! Bookmark not defined. .			
FEED					♦			
\sim	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.			
		orango		Mode	<u>↓</u>			
	READY	Green (Flash)	1	Dump Mode	Printers currently in Dump Mode, for operation instructions please refer to page Error!			
	Bookmark not defined							
	READY STATUS	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. .			
	READY STATUS	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.			
	READY STATUS	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. .			
	Return to Self Test							
	READY STATUS	Red (Flash)			Printer is currently downloading F/W			

3-2. FEED Key

After pressing the FEED key, printer will send the media (according to media type) to the specified stop position. When printing with continuous media, pressing the FEED key will feed media out to a certain length. When printing labels, pressing the FEED key will feed one label at a time; if the label is not sent out in a correct position, please proceed with the Auto Sensing (see page **Error! Bookmark not defined.**).

3-3. Self-Test

The Self-Test function in a printer will help user to determine whether the printer is operating normally. In the Self-Test Mode, the printer will print out a test sample as shown below. The printer will go back to standby mode after printing out the test sample. Below are the Self-Test procedures:

- 1. Power off the printer, press and hold the FEED key.
- 2. Power on the printer (while still holding the FEED key); release the FEED key after printer beeps 3 times.
- 3. After about 1 second, printer would automatically print out the following. This indicates the printer is operating normally.

	Thank you for the purchase of this desktop printer. For supplies, please call your local Panduit Distributor. For Service, please call the Tech Support Line included on the Tech Support Label inside the printer.
Model & Version Serial port setup Port Active (USB or Ethernet)	TDP43ME: G3.0w4 Serial port: 96,N,8,1 USB Mode, Ethernet disabled
Test Pattern	COCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOC
Number of DRAM installed Image buffer size Number of forms Number of graphics Number of forts Number of Asian fonts Number of Databases Free memory size Speed, Density, Ref.Point direction Label width, Form length Cutter, Stripper, Mode See-through Sensor status Code Page Network: DISABLED Odometer reading	 1 DRAM installed Image buffer size: 1500k 000 FORM(S) IN MEMORY 000 GRAPHIC(S) IN MEMORY 000 FONT(S) IN MEMORY 000 ASIAN FONT(S) IN MEMORY 000 DATABASE(S) IN MEMORY 2048 KBYTES FREE MEMORY ^S4 ^H10 ^R000 ~R200 ^W10 ^Q48,3 Option: ^D0 ^O0 ^AD See through Sensor: ON Transmissive Sensor AD: 146 186 223 (2) Code Page: 850 Network: DISABLED THP / meter: 74 meters

Self-Test includes the internal printer data setting.

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3-4. Direct Thermal / Thermal Transfer Mode Switch

- 1. Power off the printer, press and hold the FEED key.
- 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.

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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.

LED Light		Boon	Description	Solution	
Ready	Status	веер	Description	Solution	
	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	Ribbon is not installed, and printer shows error message.	Make sure the printer is in the Direct Thermal mode.	
	Reu	twice	Ribbon is used up or ribbon supply shaft is not moving.	Replace with new ribbon roll.	
Red		ed 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.	
			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.	

3-8. Error Messages



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	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	Check the power connector				
LED light turns red (power/status) after printing stops	 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) 				



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Printing started, but nothing was printed on the label	 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	 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	 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	 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	 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	 Check if error occurs on label height setting Check if sensor is covered by dust
Unclear printout	 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.

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4-3. Driver Troubleshooting

If The P	rinter Is To Be Installed On A USB Port Using	Windows Updates (Win 11):
	Image: Server properties	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.
Exercise No.		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



Device Manager - X File Antion View Help Device Inputs and outputs Device Inputs and outputs Device Inputs and outputs Device Inputs Devic	Once in the Device Manager, expand "Software devices". Navigate to the device named "Panduit TDP43ME" and right click. Then click on Update Driver
Update Drivers - Panduit TDP43ME How do you want to search for drivers? Search automatically for drivers Windows will search your computer for the best available driver and install it on your device. Browse my computer for drivers Locate and install a driver manually. Cancel	Click on Browse my computer for drivers
Control Co	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.)

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Update Drivers - Panduit TDP43ME Windows has successfully updated your drivers Windows has finished installing the drivers for this device: Panduit TDP43ME	Core	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 U	SB Port Using Wind	dows Updates (Win 10):
Printers & scanners Add printers & scanners Add a printer or scanner Printers & scanners Frinters & scanners F		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.
M No increase in Mar- E-read- Torold Concerner Notification 2 Deale Manager Decker Manage		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



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Device Manager – 🗆 🗙	
File Action View Help	
> 8 Bluetooth	
> Disk drives	
> 🙀 Display adapters	Once in the Device Manager evenend
> 🙀 Human Interface Devices	Once in the Device Manager, expand
> The ATA/ATAPI controllers	"Software devices".
Keyboards Mice and other pointing devices	
> Monitors	
> 💭 Network adapters	Navigate to the device named "Panduit
> Processors	TDD42ME" and right aliak
>	IDF43IVE and Hynt Click.
Software devices	
Microsoft Device Association Root Enumerator	Then click on Undate Driver
Microsoft GS Wavetable Synth Microsoft RBAS Root Enumerator	men click on opuale Driver
Panduit TDP43ME	
> ii Sound, video and gan Update driver	
> Storage controllers Disable device	
> Universal Serial Bus co	
> Universal Serial Bus de Scan for naroware changes	
Launches the Update Driver Wizar Properties	
 → Search automatically for drivers Windows will search your computer for the best available driver and install it on your device. → Browse my computer for drivers Locate and install a driver manually. 	Click on Browse my computer for drivers
← Dupdate Drivers - Panduit TDP43ME	
Browse for arivers on your computer	
organs Filer (v96) Danduit Espy-Mark Dius/DrinterDrin> 700/23.4d	Click BROWSE and find the driver folder
	(either in C:\Program Files (v86)\Panduit
⊡ Include subfolders	Easy-Mark Plus\PrinterDrivers\TDP43ME or on the included CD in the printer kit.)
→ Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.	
Next Cancel	

TDP43ME



PANDUIT TDP43M			
 Close 	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 W	If The Printer Is To Be Installed On A USB Port Using Windows Updates (Win 7):		
Recycle Lim Particle Date Manager Particle Date	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.		
Reyce Elin Participar Reyce Elin Participar Particip	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.		

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	The printer is now ready for use.
Driver Software Installation Device driver software was not successfully installed USB Printing Support Panduit TDP43ME You can change your setting to automatically search Windows Update for drivers Change setting What can I do if my device did not install properly? Close	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.
Control Panel + Hardware and Sound + Devices and Printers Add a droize Add a printer Windows can diplay enhanced device icons and information from the Internet. Click to change Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Sound + Devices and Printers Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol Panel + Hardware and Formation from the Internet. Click to change Centrol + Hardware - Ha	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.
TDP43ME

Very ver IP Prodet Draw Very Very Very Very Very Very Very Very	Right click on the printer in the "UNSPECIFIED" line and go down to PROPERTIES. Click on PROPERTIES.
TDP43ME Properties General Hardware D TDP43ME Device Information Monufacturer: Manufacturer: Unavailable Model TDP43ME Model TDP43ME Model TDP43ME Model Unavailable Categories: Unavailable Device Tasks To view tasks for this device, right-click the icon for the device in Devices and Printers. OK	This window will pop up. Click on HARDWARE tab.
TDP43ME Properties General Hardware TDP43ME Device Functions: Name TDP43ME Other devices USB Printing Support Universal Se Device Function Summary Manufacture: Universal Se Device status: This device is working property. OK	This window will pop up. Highlight PANDUIT TDP43ME. Click on the PROPERTIES button.

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Panduit TDP43ME Properties	
General Driver Details	
Panduit TDP43ME	
Driver Provider: Unknown	
Driver Date: Not available	
Driver Version: Not available	This window will non up. Click on the
Digital Signer: Not digitally signed	DDIVED tob. This window will non up
	DRIVER lab. This window will pop up.
Driver Details To view details about the driver files.	Click on the DRIVER DETAILS button
Update Driver To update the driver software for this device.	
Roll Back Driver If the device fails after updating the driver, roll back to the previously installed driver.	
Disable Disables the selected device.	
Uninstall To uninstall the driver (Advanced).	
OK Cancel	
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Panduit TDP43ME	If this window pops up, it indicates that no driver has been loaded for the TDP43ME printer.
	Click OK.
ОК	
Panduit TDP43ME Properties	
General Driver Details	
Panduit TDP43ME	
Driver Provider: Unknown	
Driver Date: Not available	
Driver Version: Not available	This window will pop up.
Digital Signer: Not digitally signed	
Driver Details To view details about the driver files.	Click on the UPDATE DRIVER button.
Update Driver To update the driver software for this device.	
Roll Back Driver If the device fails after updating the driver, roll back to the previously installed driver.	
Disable Disables the selected device.	
Uninstall To uninstall the driver (Advanced).	
OK Cancel	

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Update Driver Software - Panduit TDP43ME How do you want to search for driver software? Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings. Browse my computer for driver software Locate and install driver software manually. Cancel	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.
Update Driver Software - Panduit TDP43ME Browse for driver software on your computer Search for driver software in this location: [regram Files/EASY-MARKI/Printer Drivers/TDP43MXXP4/ista/Win32] Browse [regram Files/EASY-MARKI/Printer Drivers/TDP43MXXP4/ista/Win32] [regram Files/EASY-MARKI/Printer Drivers/TDP43MXP4/ista/Win32] [regram Files/EASY-MARKI/Printer Drivers/TDP43MXP4/ista/Win32]	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.)
Browse For Folder Select the folder that contains drivers for your hardware. Win9x Win1 Win2 Win32 Win64 TDP43ME Win64 Symbols System64Folder Eolder: Win32 OK Cancel	Note if driver should be 32 Bit or 64 Bit depending on machine Operating System. When the correct system is highlighted, click OK.

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Update Driver Software - Panduit TDP43ME Browse for driver software on your computer Search for driver software in this location: CNProgram FileSLEASY-MARK/Printer Drivers/TDP43ME/Win32 Browse Include subfolders 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. Net Cancel	This window will pop back up. Click NEXT.
 Windows Security Windows can't verify the publisher of this driver software Don't install this driver software You should check your manufacturer's website for updated driver software for your device. Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information. See details 	If this window pops up at any time, click — on Install this driver anyway .
Update Driver Software - Panduit TDP43ME	This window indicates that the new driver is being installed.
Update Driver Software - Panduit TDP43ME Windows has successfully updated your driver software Windows has finished installing the driver software for this device: Panduit TDP43ME	This window indicates that the new driver has been successfully installed. Click CLOSE.

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Panduit TDP43ME Properties General Driver Details Image: Panduit TDP43ME Driver Provider: PANDUIT CORP Driver Date: 10/19/2010 Driver Version: 4.6.51.2810 Digital Signer: Microsoft Windows Hardware Compatibility Publisher Driver Details To view details about the driver files. Update Driver To update the driver software for this device. Image: Roll Back Driver If the device fails after updating the driver, roll back to the previously installed driver. Disable Disables the selected device. Upninstall To uninstall the driver (Advanced).	Click CLOSE
Image: TDP43ME Properties Image: General Hardware Image: TDP43ME Device Functions: Name Image: TDP43ME Device Functions: Image: TDP43ME Other devices Image: USB Printing Support Universal Se Device Function Summary Manufacturer: Unknown Location: on USB Printing Support Device status: This device is working property. Properties OK	Click OK.
Image: Construction of the state of the	This window indicates that the new driver has been installed and the printer is now ready for use.

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.



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Custom Command Text ? X ^XSET,USBETHERNET,1	In this window, type "^XSET,USBETHERNET,1" followed by a <u>RETURN</u> . Type it exactly like this command, with uppercase letters, no spaces, no quotation marks, etc. "^" is the shift 6 button.
OK Cancel Help	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.
Panduit TDP43ME Printing Preferences X Options Advanced Setup Dithering Stocks Barcode Fonts Command Fonts Custom Command's Import/Export settings About Command Files/Text Position Document Import/Export settings About Start Empty Import/Export settings About End Text 'YXSET.USBETHERNET.1 Import is selection cleans the field of any printer commands or filepath name. File: The text in the edit box represents the path to the file containing the printer commands. Text: Printer commands. OK Cancel Apply Heip	Click APPLY and then OK and this window will disappear.

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Panduit TDP43ME	IDP43ME	The printer must now print someth for the Custom Command to take effect.
Printer status: Idle		
Printer settings		In the TDP43ME window, click Prir test page.
Open print queue	7	
Print test page		The printer will print the test page. printer was previously set to switch
Run the troubleshooter	CZ	Ethernet port to active at the end on next print command sent. After the
Printer properties	ß	page is printed, the relay within the printer will switch to activate the
Printing preferences Orientation, page order, pages per sheet, borders, paper source	Ø	ETHERNET port. [A slight audibl may be heard when the relay swi
Hardware properties	C	printer red-lights, that is ok, simply
••• > Printers & scanners > Panduit 1 Panduit TDP43ME Printer status: Offline	TDP43ME	
••• > Printers & scanners > Panduit T Panduit TDP43ME Printer status: Offline Printer settings	TDP43ME Remove	
••• > Printers & scanners > Panduit T Panduit TDP43ME Printer status: Offline Printer settings Open print queue	TDP43ME Remove	
Printers & scanners > Panduit T Panduit TDP43ME Printer status: Offline Open print queue Print test page	TDP43ME Remove	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
••• > Printers & scanners > Panduit T Panduit TDP43ME Printer status: Offline Printer settings Open print queue Print test page Run the troubleshooter	TDP43ME Remove	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
••• > Printers & scanners > Panduit T •••• Printers & scanners > Panduit T ••••• Printer Status: Offline ••••• Printer settings •••••• Open print queue Print test page Run the troubleshooter Printer properties	TDP43ME Remove	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
Printers & scanners > Panduit T Panduit TDP43ME Printer status: Offline Open print queue Print test page Run the troubleshooter Printer properties Printer properties Printing preferences Orientation, page order, pages per sheet, borders, paper source	TDP43ME Remove	The note below Panduit TDP43ME indicate if the printer is OFFLINE.

TDP43ME

Rest No <	Navigate to Devices and Printers from the search bar. Right click Panduit TDP43ME. Click on See what's printing.
Printer Connect Printer Connect Set As Default Printer Printing Preferences Update Driver Pause Printing Cancel All Documents Sharing Use Printer Offline Properties Close STEP 2. OBTAINING THE IP ADDRESS FOR THE PRINTER:	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.
Samsung 13 (0) X - X C T O (3) (2) (7) 11 Sot - E View - ··· C O (10) (2) (2) (7) 11 Sot - E View - ··· C O (10) (2) (2) (7) 11 Sot - E View - ··· C O (10) (2) (2) (7) 11 Sot - E View - ··· C O (10) (2) (2) (7) 11 Sot - E View - ··· C O (10) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	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.

TDP43ME

C X	
• Peerer X U C ① Peerer X U C C · ·	Double click the NPS Control Center icon to start the software.
↓ Duentauce	Remove the label covering the Ethernet port on the printer.
 > ■ This PC > Somerary, U S00 M T09-50ME mager > M Melaure 	Insert an Ethernet cable into the network connector.
NetPS Control Center — — X System Tools Help Go to Configure Server Server List Go to Server	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).
NetPS - 10.0.0.74	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 <u>must</u> appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.
NetPS Control Center — — X System Tools Help	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.
NetPS Printer Information Printer Information Printer Information Printer Information Server Information Server Information Server Nordel: USB-LAN Server Nordel: USB-LAN	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.

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Printer Ports X Available port types: Local Port Standard TCP/IP Port Image: Concelerer of the second s	Click on and highlight STANDARD TCP/IP PORT Click NEW PORT button.
Add Standard TCP/IP Printer Port Wizard Welcome to the Add Standard CP/IP Printer Port Wizard This wizard helps you add a port for a network printer. Before continuing be sure that: 1 The device is turned on. 2 The network is connected and configured. To continue, click Next.	Printer Port Wizard window will open. Click NEXT.
Add Standard TCP/IP Printer Port Wizard Add port For which device do you want to add a port? Enter the Printer Name or IP address, and a port name for the desired device. Printer Name or IP Address: 10.0.0.80 Port Name: (Sack Next > Cancel	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.

i PANDUIT **TDP43ME** Add Standard TCP/IP Printer Port Wizard Additional port information required The device could not be identified. ÷ The detected device is of unknown type. Be sure that: The device is properly configured. The address on the previous page is correct. Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct. Click NEXT Device Type • Generic Network Care Standard C Custom Settings. < Back Next > Cancel 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. Click FINISH. SNMP No Protocol: RAW, Port 9100 Device: 10.0.0.80 10.0.0.80 Port Name: Adapter Type: Generic Network Card To complete this wizard, click Finish. < Back Finish Cancel Randuit TDP43ME Properties Х Printer Settings Stocks Language Barcode Fonts Command Fonts About General Sharing Ports Advanced Color Management Security Panduit TDP43ME New port should be checked. Print to the following port(s). Documents will print to the first free checked port. Port Description LPT3: Printer Port COM1: Serial Port Printer Click APPLY and then click CLOSE or COM2: Serial Port COM3: Serial Port COM3: Serial Port COM4: Serial Port OK. COM4: Seriai Fort FILE: Print to File USB001 Panduit TDP43ME Pa 10.0.80 Standard TCP/IP Port Par ait TDP43ME The Ethernet port is now active and set as the printer's port. Add Port... Delete Port Configure Port. Enable bidirectional support Enable printer pooling Cancel Apply Close

PANDUIT	TDP43ME	i
If The Printer Is To Be Installed On An Ethernet P There are three basic steps in installing a TDP4 are:	Port (Win10): B3ME printer on a	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.
 Install printer on USB port and change printer internal circuitry to Ethernet port active. 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. 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. 		
<u>STEP 1. CHANGING INTERNAL CIRCUITRY</u> The following steps will guide the installer in changing the internal port circuitry.		
Image: Control of Mark Image: Control of Mark Image: Control of Ma	R dt bejon × 5 H ≠ Ken G	In search menu, type Printers & scanners, and click on the highlighted option.



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		The printer must now print someth for the Custom Command to take effect.
← Settings	×	
☆ Panduit TDP43ME		In the TDP43ME window, click on
Manage your device		printer to be tested.
Printer status: Idle Open print queue		Click Print a test page
Print a test page		Click Fillit a test page
Run the troubleshooter		
Printer properties Printing preferences		The printer will print the test page.
Hardware properties		printer was previously set to switch
Set nep		next print command sent. After the page is printed, the relay within the printer will switch to activate the ETHERNET port. [A slight audible may be heard when the relay switch from one port to the other port.] If printer red-lights, that is ok, simply
		off the printer and then turn it back
Settings	- D X	off the printer and then turn it back
Settings ŵ Home Find a setting	- □ × Prínters & scanners Add printers & scanners	off the printer and then turn it back
Settings	- □ × Printers & scanners Add printer or scanner	The note below Panduit TDP43ME
Settings Devices Setting P Devices Substantian Setting P Substa	- • × Printers & scanners Add printers & scanners + Add a printer or scanner	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
Settings	- □ × Printers & scanners Add printers & scanners + Add a printer or scanner Printers & scanners Fax	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
Settings Mome Find a setting Devices Bluetooth & other devices Printers & scanners U Mouse Typing	- □ × Printers & scanners Add printer or scanner I Add a printer or scanner Printers & scanners Fax Microsoft Print to PDF	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
Settings	- □ × Printers & scanners Add printers & scanners Add a printer or scanner Printers & scanners Fax Microsoft Print to PDF Microsoft XPS Document Writer	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
Settings	− □ × Printers & scanners Add printer or scanner Add a printer or scanner Printers & scanners Fax Microsoft Print to PDF Microsoft XPS Document Writer OreNote (Desktop)	The note below Panduit TDP43ME indicate if the printer is OFFLINE.
Settings	− □ × Printers & scanners Add printers & scanners Add a printer or scanner Add a printer or scanner Printers & scanners Fax Microsoft Print to PDF Microsoft XPS Document Writer Microsoft XPS Document Writer OneNote (Desktop) OneNote for Windows 10	The note below Panduit TDP43ME indicate if the printer is OFFLINE. If printer is OFFLINE. Click on Panduit TDP43ME
Settings Mome Find a setting P Devices Bluetooth & other devices Printers & scanners Mouse Typing Pen & Windows Ink Que AutoPlay USB	- □ × Printers & scanners Add printers & scanners Add a printer or scanner Add a printer or scanner Printers & scanners Fax Microsoft Print to PDF Microsoft XPS Document Writer Microsoft XPS Document Writer OneNote (Desktop) OneNote (Desktop) OneNote (Desktop) Desconter (Desktop) De	The note below Panduit TDP43ME indicate if the printer is OFFLINE. If printer is OFFLINE. Click on Panduit TDP43ME
Settings ŵ Home Find a setting Devices ₩ Bluetooth & other devices Printers & scanners W Mouse Typing Pen & Windows Ink ŵ AutoPlay USB	Printers & scanners Add printers & scanners Add a printer or scanner Add a printer or scanner Printers & scanners Fax Microsoft Print to PDF Microsoft Print to PDF OreNote (Desktop) O	The note below Panduit TDP43ME indicate if the printer is OFFLINE. If printer is OFFLINE. Click on Panduit TDP43ME

TDP43ME





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Image: Serie Terrer Image: Terrer Image:	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.
NetPS Control Center — X System Tools Help Go to Homeprage Configure Server Refresh Server List Go to Homeprage Configure Server NetPS - 10.00.74 NetPS	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). <u>NOTE:</u> 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 <u>must</u> appear next to NetPS. If any of the above conditions occurred, the Control Center Software may need to be restarted.
X NetPS Control Center System Tools Help Perfesh Go to Server List Perfesh Homepage Configue NetPS Printer Information Printer Information Printer Model : IDP43ME G3.AP1 LAN Interface: connection (high speed) Server Model : USB-LAN Server Model : USB-LAN Discription : Networking print server via Ethernet to USB Discription : Networking print server via Ethernet to USB Discription : Networking print server via Ethernet to USB Discription : Networking print server via Ethernet to USB Discription : Networking print server via Ethernet to USB Discription : Networking print server via Ethernet to USB Discription : Networking print server via Ethernet to USB Discription :	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.

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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.





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Control of the secure of DBD24 Control of DBD25 Control of	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 SELECTIO	N TO THE IP ADDRESS:
 ✓ Settings ✓ Panduit TDP43ME Manage your device Preter status: Ide Other print quarket Print a test page Past the touchestroter Printing performers Herdeare properties ✓ Get help 	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.
Printer Settings Stocks Language Bacode Forts Command Forts Alout General Sharing Parts Advanced Color Management Security Socks Image: Staring Parts Advanced Color Management Security Location: Image: Staring Parts Parts Security Security Model: Panduit TDP43ME Features: Color No Paper available: Double:-idet. No Double:-idet. No User defined Image: Security Image: Security Preference: Pinit Test Page OK OK Apply Hep: Hep: Security	Click on the PORTS tab in the Printer PROPERTIES window.

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Panduit TDP43ME Properties Printer Settings Stocks Language Barcode Fonts Color Management Security Security Print to the following port(s). Documents will print to the first free checked port. Port Description Printer Port COM1: Serial Port COM2: Serial Port COM3: Serial Port COM4: Serial Port COM4: Serial Port Computer Port Delete Port Configure Port Add Port Delete Port Configure Port Mode Port OK Cancel Apply		A new Ethernet port must be added as an option for port printing. Click on ADD PORT button.
Printer Ports X Available port types: Local Port Standard TCP/IP Port Standard TCP/IP Port New Port Type New Port		Click on and highlight STANDARD TCP/IP PORT Click NEW PORT button.
Add Standard TCP/IP Printer Port Wizard Welcome to the Add Standard CP/IP Printer Port Wizard This wizard helps you add a port for a network printer. Before continuing be sure that: 1. The device is turned on. 2. The network is connected and configured. To continue, click Next.	sl	Printer Port Wizard window will open. Click NEXT.



Add Standard TCP/IP Printer Port Wizard	j	
Add port For which device do you want to add Enter the Printer Name or IP add Printer Name or IP Address: Port Name:	If a port?	Type in the IP Address that was written down from NetPS line in Control Center Software. <u>Or</u> , type in the Static IP Address if on is being used for this printer. (Microsoft fills in the Port Name line
	< Back Next > Cancel	Click NEXT.
Add Standard TCP/IP Printer Port Wizard Additional port information required The device could not be identified. The detected device is of unknown ty 1. The device is properly configured. 2. The address on the previous page Either correct the address and perform wizard page or select the device type Device Type Standard Generic Network C Custom Settings	a a a a a a a a a a a a a a	Click NEXT
Add Standard TCP/IP Printer Port Wizard C Pr Vou SNI Pro Dev Por Add	ompleting the Add Standard TCP/IP on have selected a port with the following characteristics. VP: No tocol: RAW, Port 9100 rice: 10.0.0.80 t Name: 10.0.0.80 apter Type: Generic Network Card	Click FINISH.

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Printer Settings Stocks Language Barcode Fonts Command Fonts About General Sharing Ports Advanced Color Management Security		
Print to the following port(s). Documents will print to the first free checked port. Port Description Printer COM1: Serial Port COM2: Serial Port COM2: Serial Port COM4: Serial Port FILE: Print to File USB001 Virtual printer port for Page of the top for top for the top for the top for	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.	
* setues	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 (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.

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STEP 1. CHANGING INTERNAL CIRCUITRY The following steps will guide the installer in changing the internal port circuitry. -Getting Started Control Panel + Hardware and Sound + Devices and In START Menu, click on Microsoft Visual Studio 2010 Devices (3) **DEVICES and PRINTERS.** 🔍 Panduit Data Manager RV-PRTLAB -W7X64 Pictures DELL P2211H Notepad Music Printers. Faves (4) 🛒 Paint Computer Fax 1 VLINX ESP Manager Highlight the printer to be Control Panel controlled by this computer EASY-MARK Devices and Printers and right click. Windows Media Center Help and Su View and manage devices, p Calculator Run. Sticky Notes Step 1.A -Shut down 🕨 Search prog ρ Ş 🕹 Ņ EM 12 Click on the PRINTING PREFERENCES line. Step 1.B

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Custom Command Text	In this window, type "^XSET,USBETHERNET,1" followed by a <u>RETURN</u> . 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.
Panduit TDP43ME Printing Preferences Options Advanced Setup Dithering Stocks Barcode Fonts Command Fonts Custom Commands Import/Export settings About Command Files/Text	Click APPLY and then OK and this window will disappear.
Comments Empty: This selection clears the field of any printer commands or filepath name. File: The text in the edit box represents the path to the file Step 1.F Text: Printer commands are taken directly from the editbox. OK Cancel Appy Help The internal circuitry has now been set to Ethernet port actions the set to the file set to be the set t	

i PANDUIT **TDP43ME** . E, The printer must now print something for the Custom N 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. Step 1.G x TDP43ME (Cutter) Properties In the PROPERTIES window, click Printer Settings Stocks Language Barcode Fonts Command Fonts About on PRINT TEST PAGE. General Sharing Advanced Color Management Security Ports TDP43ME (Cutter) The printer will print the test page. Location: Browse... The printer was previously set to switch Ethernet port to active at the Comment: 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 Panduit TDP43ME Model: slight audible click may be heard Features when the relay switches from one Color: No Paper available: port to the other port.] If the printer red-lights, that is ok, simply turn off Double-sided: No User defined the printer and then turn it back on. Staple: Unknown Speed: Unknown Maximum resolution: 300 dpi Preferences... Print Test Page Step 1.H OK Cancel

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Image: Second	Once the USB Port is disabled, the printer will most likely show that the printer is OFFLINE.
Devices (3) Perdage Product Product	To determine if the printer is OFFLINE, right click on the printer to be used.
Step 1.I	Click on SEE WHAT'S PRINTING.
Panduit TDP43ME (Copy 1) - Use Printer Offline Printer Document View Document Name Status Owner Pages Status	 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.
Regulation Readwint TDP43ME (Copy 1) Printer Document Ver Printer Document View Do tument Name Statu Steing Person Printers and Faxes (4) Potential Printers and Faxes (4)	The heading should now have no OFFLINE note. If nothing is noted, then it is in ONLINE and OK to continue to next step.

Computer > DVD Drive (E) PANDUIT > Organize > Share with > Parorites Desktop Desktop Downloads Downloads CONTROL CENTER SOFTWARE Date modified Type Size Size Size Dotation Date modified Type Size Si	Open and install the Control Center software located on the CD provided in the printer and at Panduit.com.
4 items	Open the Control Center Software folder.
Computer > DVD Drive (E) PANDUIT > CONTROL CENTER SOFTWARE Crystile * Share with * Positive Po	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.



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.



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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 <i>admin</i> and <i>admin</i> , (both lower case). Click the Login button.
Propul/L030.162.114/ - Microsoft Internet Explorer provided by Panduit Corporation Propul Propul Propul </th <th> Click on the Configuration button. </th>	 Click on the Configuration button.



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TDP43ME (Cutter) Properties Preter Settings Stocks Language Barcode Fonts Command Fonts About General Sharing Pots Edvanced Color Management Spurity Location:	Click on the PORTS tab in the Printer PROPERTIES window.
TDP43ME (Cutter) Properties Pinter Settings Stocks Language Barcode Fonts Command Fonts About General Sharing Pots Advanced Color Management Security Image: TDP43ME (Cutter) Image: TDP43ME (Cutter) Image: TDP43ME (Cutter) Image: TDP43ME (Cutter) Port Description Printer Image: TDP43ME (Cutter) Image: TDP43ME (Cutter) Image: Port TDP43ME (Cutter) Image: Port Image: Port Image: Port Image: Port TDP43ME (Cutter) Image: Port Image: Port Image: Port Image: Port TDP43ME (Cutter) Image: Port Image: Port Image: Port Image: Port TDP43ME (Cutter) Image: Port Image: Port Image: Port Image: Port TDP43ME (Cutter) Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image: Port Image:	A new Ethernet port must be added as an option for port printing. Click on ADD PORT button.
Printer Ports Available port types: Local Port Standard TCP/IP Port Step 3.D New Port Type New Port Cancel	Click on and highlight STANDARD TCP/IP PORT Click NEW PORT button.


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Add Standard TCP/IP Printer Port Wizard Welcome to the Add Standard TCP/IP Printer Port Wizard This wizard helps you add a port for a network printer.	
Before continuing be sure that: 1. The device is turned on. 2. The network is connected and configured.	Printer Port Wizard window will open up.
Step 3.E To continue, click Next.	
Add Standard TCP/IP Printer Port Wizard Add port For which device do you want to add a pot? Enter the Printer Name or IP address: AA BB CCC DD Printer Name or IP Address: AA BB CCC DD Port Name: IP AA BB CCC DD Auto-Fi Auto-Fi Step 3.F	Type in the IP Address that was written down from NetPS line in Control Center Software. <u>Or</u> , type in the Static IP Address if one is being used for this printer. (Microsoft fills in the Port Name line.) Ils here Click NEXT.

PANDUIT	TDP43M	ИЕ	i
Add Standard TCP/IP Printer Port Wizard Additional port information required	Card	Click NEXT	
Add Standard TCP/IP Printer Port	Wizard Completing the Add Standard CP/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.	Click FINISH.	

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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.

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