

Instructions for installing graphic printer drivers

The model number for your Epson receipt printer is listed on the right-hand side of the printer. Be sure to use the correct instructions for your printer models.

Here are possible printer models:

TM-T85
TM-T85 P
TM-T88 P
TM-T88II
TM-T88II P
TM-T88III P

Use the Instructions on page 2-3

TM-T88IV

Use the instructions on Page 4

For all models **except the TM-T88IV**, please use the following instructions:

Download and install the Epson graphical printer driver

1. In Internet Explorer (IE), go to
http://www.owls.lib.wi.us/ftp/Receipt_printer_info/TM-T85-88-88II-88III/Epson_All.exe
 - a. You'll need to login with the extranet username and password
2. When asked to Run or Save the software, Choose RUN
 - a. Internet Explorer – Security Warning: click RUN
 - b. The files will be copied to c:\download\epson.
 - c. Note: If you are using Firefox instead of IE, you won't have the opportunity to run the software. Save the file to your desktop double-click on the file to install.

Determine your printers connection type

1. Go to START, then PRINTERS AND FAXES
2. Right-click on GENERIC/TEXT ONLY and choose PROPERTIES
3. Click on the PORTS Tab, and write down the port your printer is currently using – likely either LPT1, COM1 or USB000#.

Add the Epson graphical printer to Windows

4. Go to START, then PRINTERS AND FAXES
5. Click ADD A PRINTER
 - a. Welcome to the Add Printer Wizard: click NEXT
 - b. Local or Network Printer: choose LOCAL PRINTER...(not AUTOMATICALLY DETECT...), click NEXT
 - i. Select a printer port: choose the printer port you wrote down earlier and click NEXT
 - c. Install Printer Software: click on the HAVE DISK... button
 - d. Install from Disk: type in C:\Download\Epson, and click OK
 - e. Add Printer Wizard: Scroll down to the appropriate printer driver
***** IMPORTANT*** Choose the driver very carefully**
 - i. If you have a TM-T85, choose the EPSON TM-T85 Partial Cut
 - ii. If you have a TM-T88, choose the EPSON TM-T88 Partial Cut
 - iii. If you have a TM-T88II or a TM-T88III, choose the EPSON TM-T88II Partial Cut
 - f. Name Your Printer: use the name Graphical Epson Driver (don't set as default), click NEXT
 - g. Printer Sharing: Do not share this printer, click NEXT
 - h. Print Test Page: Choose Yes click NEXT; then click FINISH
 - i. Hardware Installation Warning: click CONTINUE ANYWAY
 - j. Wait for test print, then click OK

Point Millennium to the new printer driver

1. Log into Millennium
2. Update transit slip printer (print templates printer)
 - a. Choose FILE, SELECT PRINTER, PRINT TEMPLATES
 - b. Change SELECT OUTPUT TYPE to TRANSIT SLIP, click OK
 - c. Click the drop-down next to NAME: and choose Graphical Epson Driver
 - d. Make sure the COLOR APPEARANCE is set to MONOCHROME
 - e. Click PRINT

Speed up printing by changing the resolution on your printer

1. Go to START, then PRINTERS AND FAXES
2. Right-click on GRAPHICAL EPSON DRIVER and choose PROPERTIES
3. Click on PRINTING PREFERENCES
4. Click on ADVANCED
5. Click on RESOLUTION under Graphic
6. The printer should be set to 180 x 180. To speed up printing (while still keeping acceptable print quality), change it to 90 x 180.
7. Click OK, OK, OK to accept the changes.

Speed up printing by changing baud rate ONLY on Epson TM-T85 SERIAL printer

PLEASE NOTE: These instructions ONLY apply to the TM-T85 SERIAL printer. DO NOT USE THESE INSTRUCTIONS on any other model printer. Check your printer model before continuing! CALL if you are unsure!

On the receipt printer:

1. Turn off the power switch.
2. Turn the printer over so you can see the bottom of the printer.
3. Remove the black power cord from the printer.
4. Using a small Phillips head screwdriver, remove the small metal plate from the bottom of the printer (one screw.)
5. 2 sets of DIP switches should now be visible. (If there is only one set of DIP switches then the printer is a parallel printer and no changes are needed.)
6. Using the small screwdriver, move all switches to the down (off) position. (Do NOT use a pencil, or something sharp.) Typically, only #3 and #7 will need to be moved down on the left DIP switch (DSW 1.)
7. Replace the small cover and screw back on.
8. Plug in the printer cord – it only goes in one direction, please don't force it.
9. Turn the printer right-side up.
10. While holding down the paper feed button, turn on the printer and verify the Serial Interface settings. (19200 bps, 8 bits, none, 1 bit or more, DTR/DSR)
11. Turn the printer off to exit the test mode.
12. Turn the printer on again.

On the computer:



1. Go to START, then PRINTERS and FAXES
2. Right-click on GRAPHICAL EPSON DRIVER and choose PROPERTIES
3. Click on the PORTS tab and verify that COM1 (or COM2 if that's the original port) is selected.
4. Click on the CONFIGURE PORTS button
5. Configure the settings as: [19200, 8, None, 1, Hardware] then click OK
6. Click on the GENERAL tab and click PRINT TEST PAGE.
7. This change can also be applied to the GENERIC/TEXT ONLY printer settings

For the model TM-T88IV, please use the following instructions:

Delete the GENERIC/TEXT ONLY printer driver

1. Go to START, then PRINTERS AND FAXES
2. Right-click on GRAPHICAL EPSON DRIVER and choose DELETE, then say OK

Make sure the printer is plugged into the parallel port on the back of your computer.

1. A parallel port looks like this:  and not this (USB port): 
2. If your computer is plugged into the USB report, either remove the adaptor from the end of the receipt printer cable or replace the cable itself with a parallel to parallel. The printer must be plugged into the parallel port to work.
 - a. If another printer is plugged into the parallel port, you'll need to unplug it from the parallel port. You may be able to use your additional printer with a USB printer cable.
3. NOTE: Printers purchased after Nov 2008 WILL use the USB connection, but must be plugged into the USB ports on the back of the PC.

Download and install the Epson graphical printer driver

1. In Internet Explorer (IE), go to http://www.owls.lib.wi.us/ftp/Receipt_printer_info/TM-T88IV/APD_403E.exe
 - a. You'll need to login with the extranet username and password
2. When asked to Run or Save the software, Choose RUN
 - a. Do you want to run this software? Click RUN
 - b. Welcome: click NEXT
 - c. License Agreement: choose I ACCEPT THE TERMS.... Click NEXT
 - d. Setup Type: choose standard, click NEXT
 - e. Printer Configuration: Click ADD
 - i. Add Printer: Driver and Printer name should be set to Epson TM-T88IV Receipt, Port Type to Create a Parallel Port (or USB port for newer printers), click NEXT
 - ii. Parallel Port Settings: click NEXT
 - f. Printer Configuration: click NEXT
 - g. Start Copying Files: click NEXT
 - h. InstallShield Wizard Complete: choose YES, I WANT TO RESTART... , click FINISH
 - i. Your computer will restart

Point Millennium to the new printer driver

1. Log into Millennium
2. Update receipt printer
 - a. Choose FILE, SELECT PRINTER, RECEIPT PRINTER
 - b. Select LOCAL PRINTER, then click OK
 - c. Click the drop-down next to NAME: and choose EPSON TM-T88IV RECEIPT
 - d. Choose the FORMAT tab, and choose TEXT (NARROW) and PRINT FORM FEED and SEND AUTO-CUT
 - e. Click OK
3. Update transit slip printer (print templates printer)
 - a. Choose FILE, SELECT PRINTER, PRINT TEMPLATES
 - b. Change SELECT OUTPUT TYPE to TRANSIT SLIP, click OK
 - c. Click the drop-down next to NAME: and choose EPSON TM-T88IV RECEIPT
 - d. Make sure the COLOR APPEARANCE is set to MONOCHROME
 - e. Click PRINT