

Epson USB Printer Installation Guide

This installation guide is for installing an Epson receipt printer with a USB interface, and for loading a logo into the TM88IV printer.

Do not use this guide to install your printer if you have a serial or parallel printer.

If you only need to load your logo into a TM88IV printer, please skip to page 7.

DO NOT PLUG THE PRINTER INTO THE COMPUTER YET!

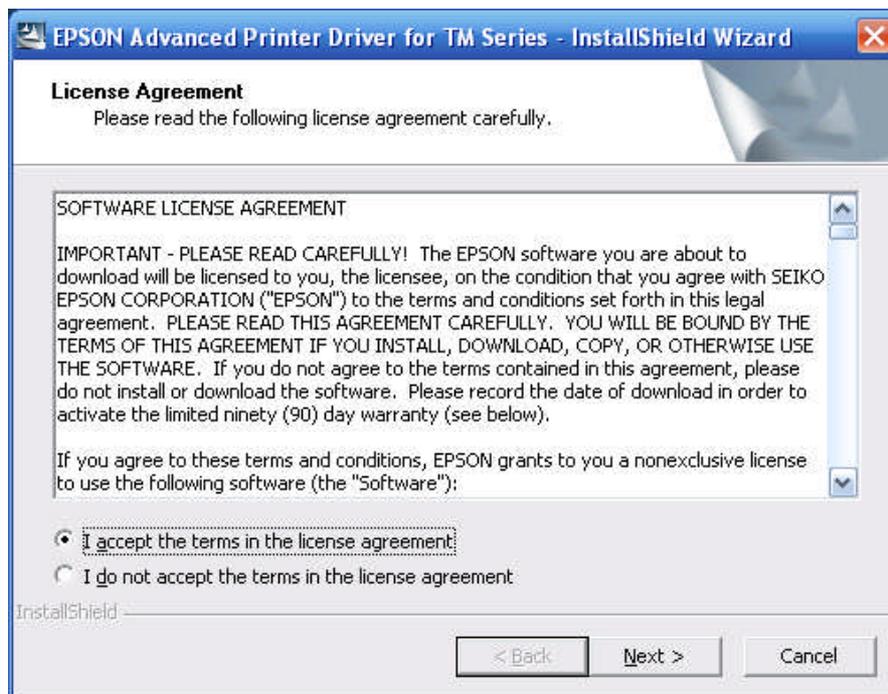
Installation Instructions for Windows Vista & XP

Step 1. Read the top of this page again.

Step 2. Put the TRS installation CD into the CD-ROM.
The CD should Autorun and display the TRS splash screen.
Click on the button: **“Install Epson Advanced USB Drivers”**

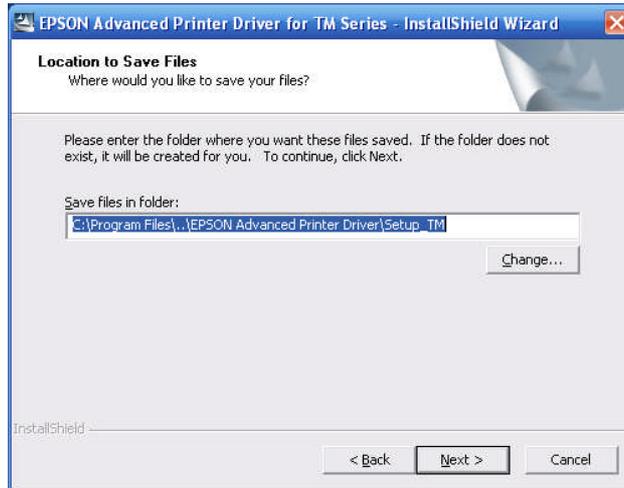
Step 3. Select the “I accept the terms in the license agreement” button. (image below)

(If you do not agree, select the other button. Your installation will end)



Step 4. Click the ‘Next >’ box.

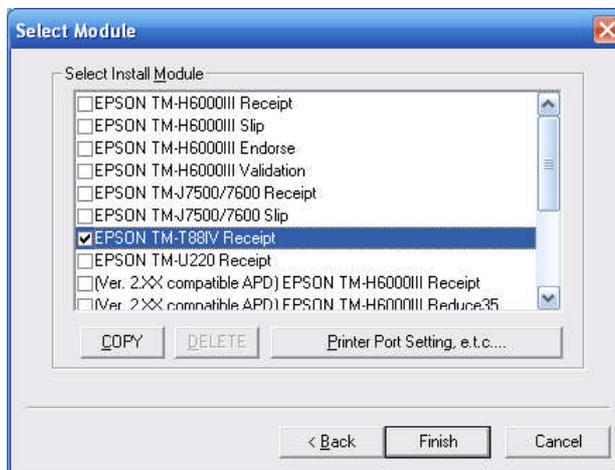
Step 5. Select the folder for the installation (the default location is usually best).



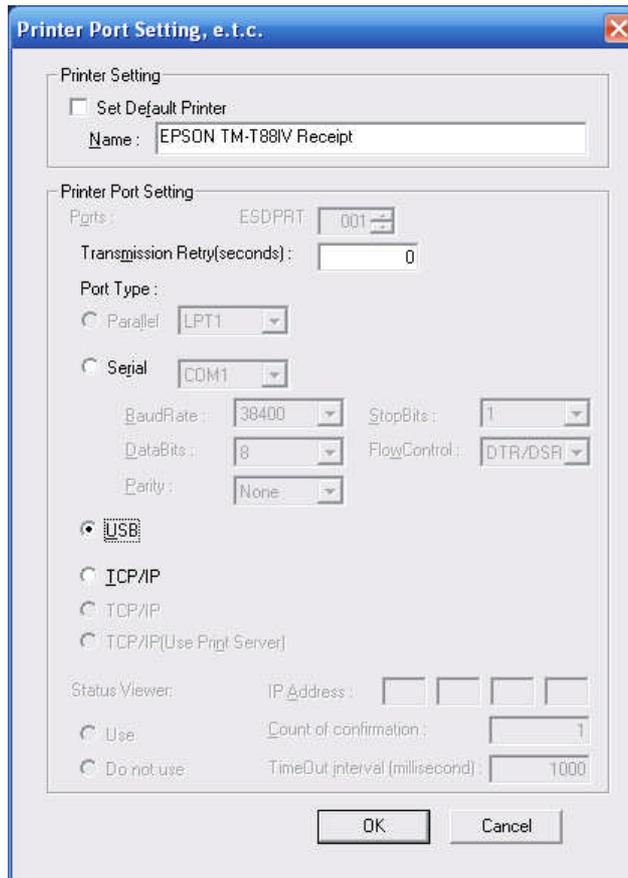
Step 6. Now choose your Operating System and Language.



Step 7. CAREFULLY select the EPSON TM-T88IV Receipt



Step 7(continued). Click on the Printer Port Setting, e t c... button and put a dot next to USB.



Step 8. After you click Finish you will see this screen for a few moments.



Step 9. You will now be asked to restart your computer.



Do Not Connect Your Printer Until The Computer Finishes Rebooting.

Finishing setup for Epson USB Printer

Step 10. After rebooting your computer (**Important: Make sure to wait a minute to make sure the computer is fully rebooted**), prepare the Epson TM-T88IV printer for connection.

- Connect the printer's AC adapter to the printer.
- Connect the AC adapter to a power outlet.
- Connect the USB Cable to the back of the printer.
- Switch 'On' the power to the printer.
- Connect the USB cable to your computer's USB port.

Once you connect the USB cable to the computer down near the time you will see a balloon pop up message. Windows will say that it Found New Hardware and after about 30 seconds or so it will say that the new hardware is installed.

TRS Settings

Now that your printer is installed, configuring TRS will be very easy.

From the TRS top tool bar, go to 'POS'. Click and from the drop-down window, select 'Options'.

In the new window that opens you will check the box labeled "Receipt Printer Attached".

Then, using the 'Select' button, choose the Epson printer from your Windows printers.

Finally, using the 'Receipt Printer Type' drop-down arrow, select the 'Epson TM-T88II'.

TRS is now ready to use your receipt printer.

Troubleshooting / FAQ

Q. When I turn on my printer, no lights come on.

A. Check to make sure that the printer is connected to a working power outlet and check the connections carefully.

Q. Where do I buy ink for this printer?

A. You don't. It is a thermal printer and it simply uses heat to print. No ink or toner is required.

Q. Can I use the same paper from my old printer?

A. Only if the old printer was a thermal printer. Thermal printers need thermal paper.

Q. When I try to print my reports in TRS, only part of it prints.

A. Most reports generated in TRS are meant for 8 ½ x 11" paper. Do not attempt to use your receipt printer for these.

Loading a Logo Into the Epson TM-T88IV Printer

If you would like your store logo to print on your POS receipts, you will need to prepare your logo, load your logo into the printer, and enable logo printing in TRS.

IMPORTANT: Make sure that your printer is installed and working with TRS (make sure that you can print receipts) before attempting to load your logo into it.

Part 1: Preparing Your Logo

Before loading your logo into the printer, you must get it into the proper format and a reasonable size. The format of your logo **MUST** be a **monochrome bitmap**. If your logo is in color, you must convert it to monochrome (black and white). If your image file is grayscale, you still must convert it to monochrome. The thermal receipt printer is only capable of printing in pure black and white. It cannot even print shades of gray, so even a grayscale image will not work. If you are scanning it in, be sure that your scanning software is set to scan in monochrome. The file format must be bitmap (.BMP). If you are using Windows Paint, when you save the file, be sure and select “monochrome bitmap” as the file type.

For best results, you should also reduce the image to a reasonable size for the printer. Ideally, it should be about 500 pixels wide. If you make it too big or too small, it may either not load correctly, or not print at a good quality.

When you first convert your image to monochrome, you will most likely notice a significant degradation of quality if your logo was originally designed to be printed in color or grayscale. You may need to touch it up a bit to get it to look good. If you are good at working with digital graphics, you may be able to do this yourself. If not, you may get better results by consulting with a graphic artist who is adept at doing such image conversions.

Part 2: Installing the Epson Logo Loading Software

Included on the TRS installation CD is the software that loads your logo into your printer. To load the software, follow these steps:

- 1) Insert the TRS CD into your CD ROM drive.
- 2) When the TRS Install Launcher starts, click the button labeled “Install Epson LogoLoader”.
- 3) Follow the instructions on the screen to install the software, accepting all defaults.
- 4) When the installation finishes, the program will start automatically.

Part 3: Loading the Logo Into The Printer

If you have just finished installing the logo loading software (see above), and the software is already started, you can skip to step 2.

1) Unfortunately, the logo loading software does not automatically create an icon to start the program. If you have closed the logo loading software since installing it, you will need to use Windows Explorer to find the program and start it manually by following the following steps:

- A) Start Windows Explorer
- B) Browse to C:\Program Files\TMFLOGO\Ver250Ef
- C) Double-click on "TMFLogo.EXE"

2) When the program starts, switch to the Setup tab, if it is not already there.

3) Make the following settings:

- A) Device Class: POSPrinter
- B) Port: Select based on the type of port your printer uses to connect to the computer. For USB, select "USB". For parallel, select "LPT". For serial, select "COM". Do NOT use "Network" at all.
- C) Color Setting: Monochrome
- D) Memory Capacity: {Don't change this. It will be set automatically.}
- E) Device Name: Select, based on your printer model and connection type. If you have a TM-T88IV, select "TM-T88IVU" if you have a USB connection, "TM-T88IVP" if you have a parallel connection, or just "TM-T88IV" if you have a serial connection. PortName: Select from the drop-down list the port to which your printer is connected.

After making the settings, click the "Comm Test" button to make sure the settings are correct and that the program can communicate with the printer.

4) Switch to the "Bitmap Selection" tab.

5) Click the "Open File" button. Browse to find your logo (.BMP) file (see Part 1 above), and click "Open".

6) Switch to the Preview tab. On the left side of the screen, select (with your mouse) the file name that you opened to see a rough preview of your logo. You can play around with the settings on this tab. You may need to experiment at bit. However, don't worry too much yet if the logo doesn't look very good in this preview window. You won't really be able to tell what it will look like until you print it.

7) Switch to the Logo Upload tab. Again, on the left side of the screen, select (with your mouse) the file name that you opened.

8) Make sure that your printer is turned on, and the green light is on. Click the "Device" button (just to the right of the file name). When you see the dialog box that starts with, "All Logo files are written...", click "Yes".

9) When the logo finishes loading into the printer, switch to the Logo Printout tab. In the "Printing Range" box, make sure that "All" is selected. Click the "Print" button to do a test print of your logo.

10) If the printed logo looks good, you are done. You can close the logo program and continue to Part 4 below. If you are not happy with the quality of the printed logo, you can go back to step 6 above and play with the settings some more. You may also need to make adjustments to the source BMP file. If

you decide to make changes to the source file, or use a different source file, go back to the Bitmap Selection tab, click the “Remove” button, then continue with Step 5 above.

Part 5: Enabling logo printing in TRS

Follow these steps to tell TRS to print your logo at the top of your receipts:

- 1) From the TRS menu, select POS->Options. Make sure you're on the Hardware tab.
- 2) In the Receipt Printer box, check the checkbox labeled “Logo?”.
- 3) Click “OK”.

That's it! Now, whenever your POS receipts print, your store logo should be printed at the top.