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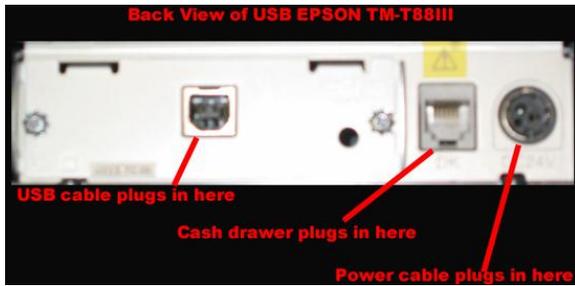
1-800-PC-AMERICA, 1-800-722-6374

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EPSON TM-T20 Series Receipt Printers

Installation for Windows XP/Vista





Before you begin, make sure your **EPSON** printer is plugged in, connected to your PC and that the receipt paper roll is properly seated.

Note: Depending on the printer you have purchased will determine the interface type (not all printers will have the same ports as the one pictured).

Make sure the printer is turned off for the driver installation.

Before you begin please download and extract the installation files from:

- http://download2.pcamerica.com/drivers/7/Manufacturer/Epson/APD_410E.zip



1. Run the install file (APD_410E.exe).
2. Select **Next** to begin the installer.
3. Select **I accept the terms in the license agreement** and select **Next**.



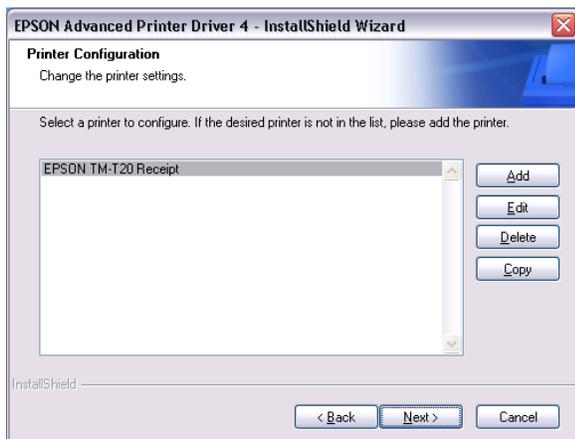
4. Select **Standard** and then select **Next**.



5. If no printers are listed select **Add**.



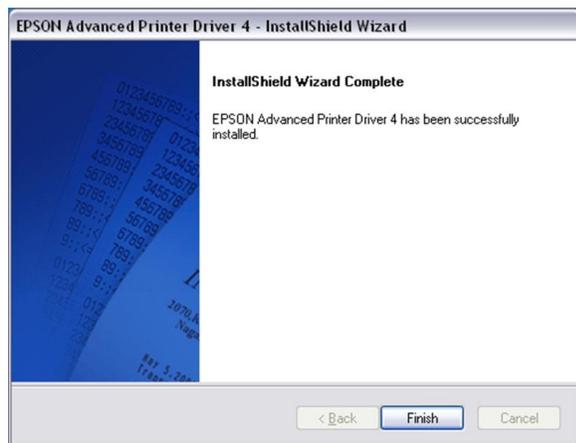
6. Select the correct printer that you have under **Select Driver:** (e.g. **EPSON TM-T20 Receipt**).
7. Optionally you can give a name to the printer other than the one that is there by default (e.g. Bar Receipt).
8. Under **Port Type:** select **Create a USB port**.
9. Optionally you can set the receipt printer as the default printer in windows.
10. Select **Next**.



11. The printer that you have configured should now show under **Printer Configuration**.
12. Select **Next**.

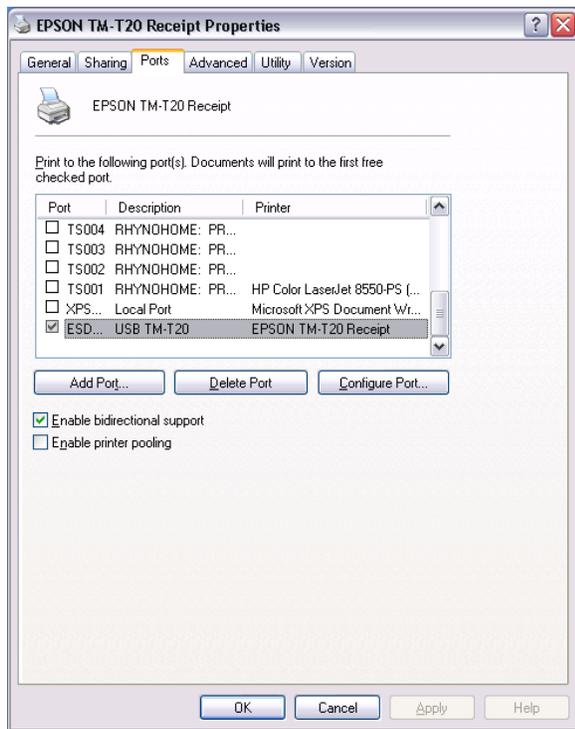


13. Review the files to be installed and select **Next**.
The files will automatically install on your computer.



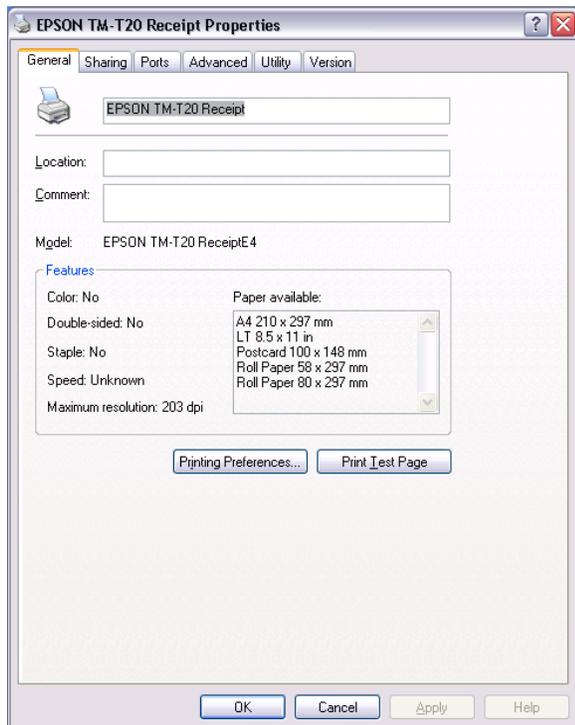
14. Select **Finish**.

****You can now turn the printer back on.****



1. Select **Start | Control Panel | Printers and Faxes**.
2. Right-click on the **EPSON Receipt printer (TM-T20)** and select **Properties**.
3. Select the **Ports** tab.
4. Select the port your EPSON Receipt printer is connected to (e.g. ESDPRT001, LPT1, COM1) and select **Apply**.

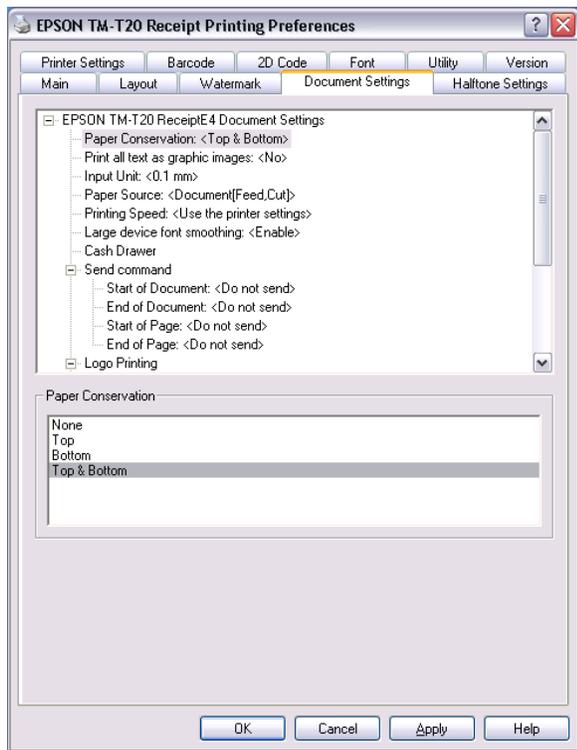
Note: If the printer is already selected and the **Apply** button is disabled, just continue to the next step.



Now you can print a test page to ensure that your printer is set up correctly.

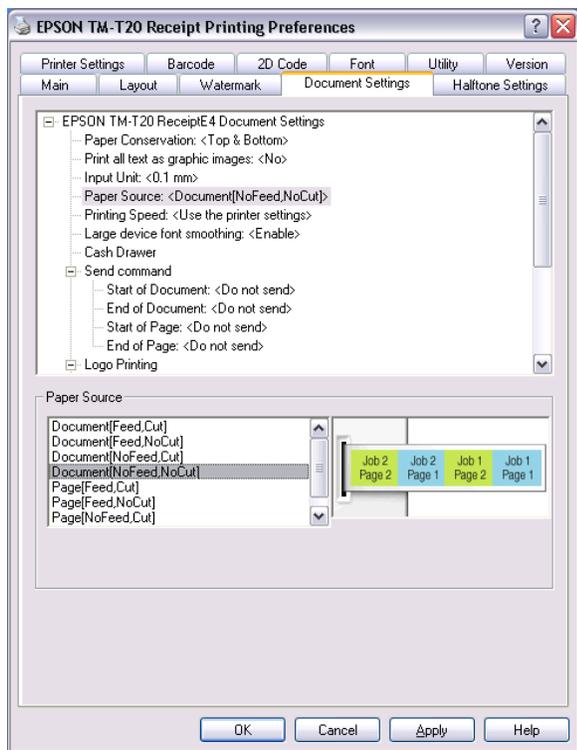
1. Select the **General** tab.
2. Select **Print Test Page**.

Note: If your test page fails to print, see the **Printer Troubleshooting** section below.

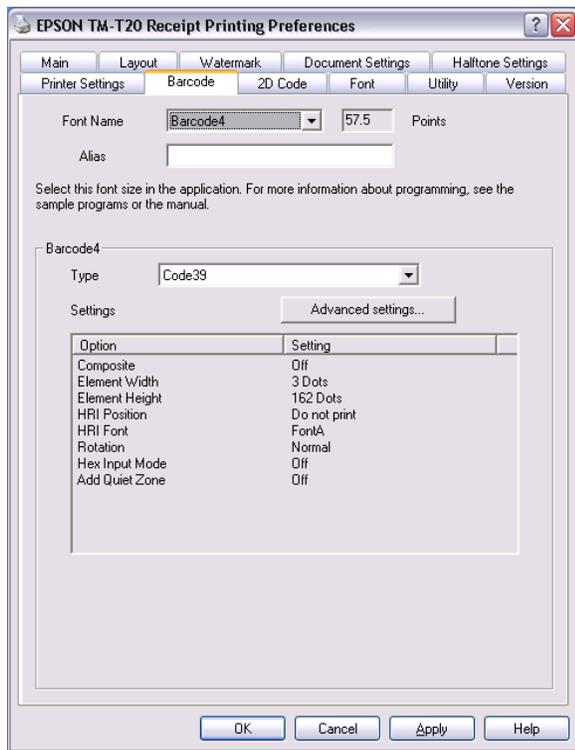


Next, you'll adjust how the receipt paper is cut. From the same Printer Properties window, **General** tab:

1. Select **Printing Preferences**.
2. Select the **Document Settings** tab.
3. At the bottom of the window select **Paper Conservation**. Then select **Top & Bottom**.

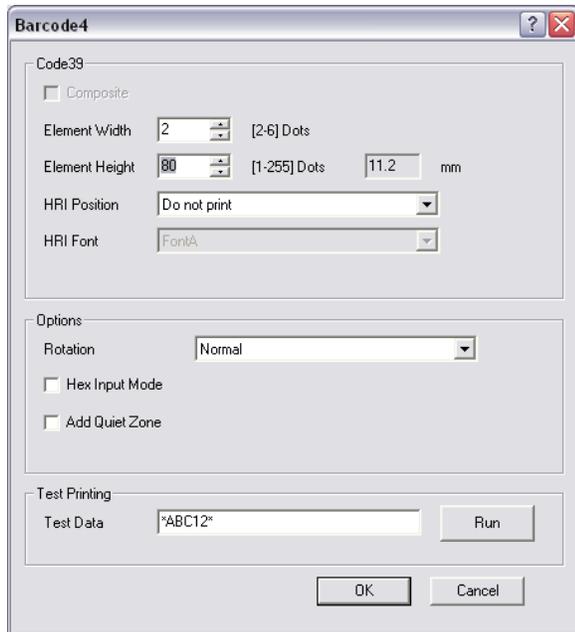


4. Select **Paper Source**.
5. At the bottom of the window select **Document[NoFeed,NoCut]**.



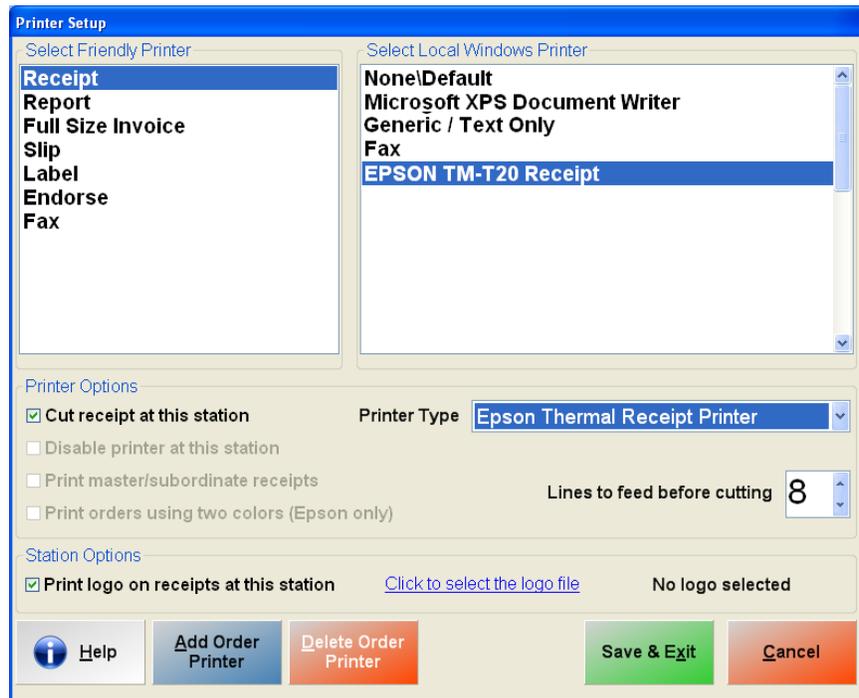
Finally, you need to set the properties for the Barcode font.

1. Select the **Barcode** tab.
2. Select **Barcode4** from the **Font Name** drop-down list the **Type** should be **Code39**.
3. Select the **Advanced settings** button.



4. **Element Width** to **2**.
5. Set the **Element Height** to **80**.
6. Select **OK** three times to finish configuring the printer.

Configuration in CRE/RPE



Now you're ready to set up your printer in RPE/CRE.

1. Start the RPE/CRE program.
2. Select the **Options/Manager** and enter your password (where applicable).
3. Select **[4] Setup | [L] Friendly Printer Setup** and re-enter your password if necessary.
4. Select **Receipt** in the **Select Friendly Printer** list on the left.
5. Select the **EPSON TM-T20 Receipt** in the **Select local Windows printer** list on the right.
6. Select **Epson Thermal Receipt Printer** as the Printer Type.
7. Select **Cut Receipt at this Station**.
8. Select **Print logo on receipts at this station** then select the logo file you would like to print on receipts (if applicable).

Note: The Pixel aspect ratio for the logo must be 1:3 (i.e. if the image has a 100px height then the width must be 300px). If the image you are using is not in that aspect ratio then it will be distorted.

9. Select **Save & Exit**.

Cash Drawer Configuration

Manager

Options

1. Select the **Manager** or **Options** button.
2. Enter the administrator password (default: admin) where applicable.
3. Select **Setup** then, **Setup Screen**.

The screenshot shows the 'Setup Screen' window with the 'Hardware' tab selected. The 'Cash Drawer' section is highlighted, showing the 'Open Default Drawer' radio button selected and the 'Default Cash Drawer Port' dropdown menu set to 'USB Receipt Printer'. The 'Update' button is also highlighted.

4. Select the **Hardware** tab.
5. Select **Page1**.
6. Under **Cash Drawer** select the radio button that says **Open Default Drawer**.
7. Under **Default Cash Drawer Port** select the appropriate port that your receipt printer is connected to (**USB Receipt Printer**).

Note: If the port that your printer is connected to is selected and the cash drawer is not opening, try setting the port as the **USB Receipt Printer**.

8. Select **Update**.

Printing Barcodes on Receipts

Manager

Options

1. Select the **Manager** or **Options** button.
2. Enter the administrator password (default: admin) where applicable.
3. Select **Setup** then, **Setup Screen**.

The screenshot shows the 'Setup Screen' window with the 'Receipt' tab selected. The 'Receipt' tab is highlighted with a red box. The 'Print Bar Code On "On-Hold" Receipts' and 'Print Bar Code On "Complete" Receipts' checkboxes are checked and highlighted with red boxes. The 'Update' button at the bottom is also highlighted with a red box.

Setup Screen

Account Control Company Info Couponing Hardware Internet Features **Receipt** Invoice Settings

Payment Processing Quick Invoicing & Alerts Quick-Add **Receipt** Reports

Restaurant Features Station Specifics System Access Touch Screen

Page 1 Page 2

Receipt Size

Receipt
 Short Receipt
 Full
 Full Professional

Print Invoices

No
 Yes
 Prompt
 CC And DC Only
 Prompt Size

Prof Logo

None
 Picture
 Company Info
 Pic and Info

Print Bar Code On "On-Hold" Receipts
 Print Bar Code On "Complete" Receipts
 Print Extra Copy of On Account Receipts
 Suppress Extra Signature Copy

Print Modifiers on Receipt

Print all, total only
 Print all, breakdown
 No, Print None
 Print charged, total only
 Print charged, breakdown

of Copies: 1 # of Store Credit Receipts: 1

Print Notes on CC Receipt
 Print Dept Notes Receipt
 Print item count on Receipt
 Print Second Description on Full Size Professional
 Validate Checks
 Combine Lines on Short Receipt
 Print Paid Status in Kitchen Receipt.

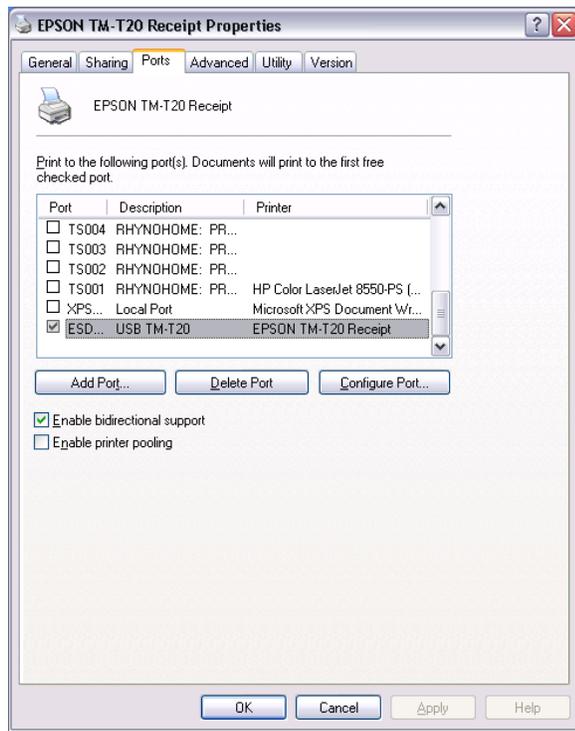
Scale **Update** **Exit**

4. Select the **Receipt** tab.
5. Check **Print Bar Code On "On-Hold" Receipts**.
6. Check **Print Bar Code On "Complete" Receipts**.
7. Select **Update** to save your changes.

EPSON Receipt Printer Troubleshooting

If your test page fails to print, you most likely have one or more conflicting ports configured.

Please follow the steps below:



1. Select **Start | Control Panel | Printers and Faxes**.
2. Right-click on the **EPSON Receipt Printer** and select **Properties**.

Note: If you have more than one of the same receipt printer listed (e.g. EPSON TM-T20 Receipt and EPSON TM-T20 Receipt(1), delete all except the **unnumbered** listing. Right-click on the duplicate printer name(s) and select **Delete**.

3. Select the **Ports** tab
4. Check the first corresponding port for the printer that you have (e.g. LPT1, COM1, ESDPRT001).
5. Select the **General** tab.

Select **Print Test Page** if the test page prints correctly, you can return to the CRE/RPE software and configure the printer there.

If the test page still does not print correctly, return to the **Ports** tab and continue from Step 4 above with the next unchecked corresponding printer port.