Tekswamp TM-P80

Epson TM-P80 Mobile POS Thermal Receipt Printer User Manual

Model: TM-P80 (M316B)

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of the Epson TM-P80 Mobile POS Thermal Receipt Printer (Model M316B). Please read this manual thoroughly before using the printer to ensure proper and safe operation.

Setup

1. Unboxing and Included Components

Carefully unpack all items from the box. Ensure the following components are present:

- Epson TM-P80 Mobile POS Thermal Receipt Printer
- AC Adapter



Image: The Epson TM-P80 mobile thermal receipt printer shown alongside its included AC adapter.

2. Power Connection

To power the printer, connect the provided AC adapter to the printer's power input port and then plug the adapter into a standard electrical outlet.



Image: A close-up view of the printer's side, highlighting the circular power input port and the rectangular USB port.

3. Paper Loading

The Epson TM-P80 uses thermal receipt paper. Follow these steps to load paper:

1. Open the printer's top cover by pressing the release latch.
2. Insert the new thermal paper roll into the compartment, ensuring the paper feeds from the bottom of the roll towards the front of the printer.
3. Pull a small amount of paper out past the cutting edge.
4. Close the top cover firmly until it clicks into place.



Image: The Epson TM-P80 printer with its top cover open, revealing the paper roll compartment and the thermal print head mechanism.

4. Connectivity

The printer supports both Bluetooth and USB connectivity.

Bluetooth Connection:

1. Ensure the printer is powered on.
2. On your mobile device (smartphone or tablet), enable Bluetooth and search for available devices.
3. Select "Epson TM-P80" or a similar identifier from the list.
4. If prompted for a passkey, enter "0000" (default).
5. Once paired, your device can send print commands to the printer.

USB Connection:

1. Connect one end of a USB cable (not included) to the printer's USB port.
2. Connect the other end of the USB cable to your computer or POS system.
3. Install the necessary printer drivers on your computer if not automatically detected. Drivers can typically be found on the Epson support website.

Operating Instructions

1. Basic Printing

Once connected via Bluetooth or USB, you can initiate printing from your compatible application or software. The printer will automatically feed and cut the receipt after printing.

2. Indicator Lights

The printer features several indicator lights to convey its status:

- **Power Indicator:** Illuminates when the printer is powered on.
- **Error Indicator:** Flashes or illuminates to indicate an error, such as paper out, cover open, or print head overheating. Refer to the troubleshooting section for common error resolutions.
- **Charge Indicator:** Indicates the battery charging status.



Image: An angled view of the Epson TM-P80 printer, highlighting the power button, feed button, and status indicator lights (Error, Charge, and battery level indicators).

Maintenance

1. Cleaning the Printer

Regular cleaning helps maintain print quality and extends the printer's lifespan.

- **Print Head:** Use a cotton swab lightly dampened with isopropyl alcohol to gently wipe the thermal print head. Allow it to dry completely before use.
- **Paper Path:** Remove any paper dust or debris from the paper path using a soft brush or compressed air.
- **Exterior:** Wipe the exterior of the printer with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.

2. Paper Replacement

Replace the paper roll as soon as the "paper out" error indicator illuminates or when print quality degrades due to low paper. Refer to the "Paper Loading" section for detailed steps.

Troubleshooting

This section addresses common issues you might encounter with your Epson TM-P80 printer.

Problem	Possible Cause	Solution
Printer does not power on.	No power supply; AC adapter not connected properly.	Ensure the AC adapter is securely connected to the printer and a working power outlet.
No print output / Blank receipts.	Paper loaded incorrectly (upside down); Paper out; Print head dirty.	Reload paper correctly (thermal side facing print head); Replace paper roll; Clean the print head.
Error indicator light is on/flashing.	Paper out; Cover open; Print head overheating.	Load paper; Close the printer cover firmly; Allow printer to cool down.
Cannot connect via Bluetooth.	Bluetooth not enabled on device; Incorrect pairing process; Printer not in pairing mode.	Ensure Bluetooth is on; Follow pairing steps carefully; Restart printer and device.

Specifications

Key technical specifications for the Epson TM-P80 Mobile POS Thermal Receipt Printer (Model M316B):



Image: The underside of the Epson TM-P80 printer, displaying the product label with model number (M316B), serial number, and compliance information.

Feature	Detail
Model	TM-P80 (M316B)

Feature	Detail
Print Method	Thermal Line Printing
Interfaces	Bluetooth, USB
Maximum Print Speed (Monochrome)	25 mm/sec
Maximum Black and White Print Resolution	600 dpi
Maximum Media Size	3.13 inches (80 mm)
Product Dimensions (D x W x H)	6.25"D x 2.56"W x 4.05"H
Item Weight	1.1 pounds (500 Grams)
Included Components	Printer with power supply

Warranty and Support

The Epson TM-P80 Mobile POS Thermal Receipt Printer comes with a Limited Warranty. For specific terms and conditions, please refer to the warranty documentation included with your purchase or visit the official Epson support website.

For technical assistance, driver downloads, or further support, please contact Epson customer service or visit their official support portal. Ensure you have your printer's model number (TM-P80) and serial number ready when seeking support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question