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› [Pomya](#) /

› Pomya POS PDA Receipt Printer User Manual (Model: Pomya4bk1dzw3e2-11)

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Model: Pomya4bk1dzw3e2-11

1. PRODUCT OVERVIEW

The Pomya POS PDA Receipt Printer is a portable, all-in-one device designed for point-of-sale operations. It integrates a 5.5-inch touchscreen, thermal printer, and barcode scanner, running on the Android 12 operating system. This device supports various connectivity options including 4G LTE and WiFi, making it suitable for diverse business environments.





Figure 1.1: Front view of the Pomya POS PDA Receipt Printer.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Pomya POS PDA Receipt Printer
- Thermal Paper Roll
- USB Charging Cable





Figure 2.1: Included accessories: device, thermal paper, and USB cable.

3. SETUP

3.1 Powering On/Off

- **To Power On:** Press and hold the power button (located on the side) until the screen illuminates.
- **To Power Off:** Press and hold the power button, then select 'Power Off' from the on-screen options.



Figure 3.1: Side buttons, including the power button.

3.2 Inserting SIM and Memory Cards

The device supports Nano SIM cards for 4G LTE connectivity and memory cards for expanded storage. Locate the card slots on the side or back of the device (refer to the device diagram in the quick start guide if available) and insert the cards carefully according to the indicated orientation.

3.3 Loading Thermal Paper

1. Gently push the latch on the top cover to open the printer compartment.
2. Insert a new roll of thermal paper (58mm width, 40mm diameter) into the compartment, ensuring the paper feeds from the bottom and the leading edge extends slightly out of the printer slot.
3. Close the printer cover firmly until it clicks into place.



Figure 3.2: Thermal printer compartment with cover open.

3.4 Initial Configuration

Upon first power-on, follow the on-screen prompts to complete the Android 12 setup, including language selection, Wi-Fi connection, and Google account setup. This process may take a few minutes.

4. OPERATION

4.1 Touch Screen Navigation

The device features a responsive 5.5-inch touch screen. Navigate through menus and applications by tapping, swiping, and pinching gestures, similar to a standard Android smartphone.

4.2 Network Connectivity

- **Wi-Fi:** Access Wi-Fi settings from the notification panel or Settings app to connect to available wireless networks.
- **4G LTE:** If a Nano SIM card is inserted, the device will automatically attempt to connect to the cellular network. Ensure mobile data is enabled in settings if needed.

4.3 Printing Receipts

Printing functionality is typically managed through your chosen Point-of-Sale (POS) application. Once configured within the app, select the print option to generate receipts. The integrated thermal printer operates at 90mm/s.

4.4 Scanning Barcodes

The device's camera can scan 1D, 2D, and QR barcodes. Open a compatible scanning application or a POS app with scanning features, then position the barcode within the camera's view for recognition. Note that 1D barcode scanning may be less robust than 2D code scanning.

4.5 Software Applications

The device comes with Google Play Store pre-installed, allowing you to download and install various Android applications. It is compatible with popular POS software such as Shopify, Loyverse, iREAP, and Kyte.

5. MAINTENANCE

5.1 Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Printer Head:** Periodically clean the thermal printer head with a specialized thermal printer cleaning pen or isopropyl alcohol on a cotton swab to ensure clear print quality.

5.2 Battery Management

The device is equipped with a built-in 2500mAh lithium battery. Charge the device using the provided USB cable and a compatible power adapter. For optimal battery life, avoid fully discharging the battery frequently.

6. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. Connect the device to a power source and try again.
- **Printing issues (blank or faded prints):** Check if thermal paper is loaded correctly and not upside down. Clean the printer head if print quality is poor. Ensure the paper roll is not empty.
- **Network connectivity problems:** Verify Wi-Fi is enabled and connected to the correct network. For 4G LTE, ensure a valid Nano SIM card is inserted and mobile data is active.
- **Touch screen unresponsive:** Restart the device. If the issue persists, contact support.

7. SPECIFICATIONS

Feature	Specification
Operating System	Android 12.0
CPU	Quad Core 2.0GHz
Memory	2GB RAM, 16GB ROM
Display	5.5 Inch Touch Screen
Printer Type	Thermal Printer
Printing Speed	90mm/s
Paper Roll Size	Width: Approx. 58mm/2.28in, Diameter: Approx. 40mm/1.57in
Connectivity	4G LTE, WiFi, NFC
Card Slots	2x SIM Card, 1x SAM Card, 1x Memory Card
Battery	Built-in 2500mAh Lithium Battery
Barcode Scanning	1D/2D/QR Barcode (via camera)
Item Weight	1.47 pounds
Package Dimensions	9.06 x 3.94 x 3.54 inches

