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› Qinlorgo PT 230 Portable Thermal Label Printer User Manual

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Qinlorgo PT 230 Portable Thermal Label Printer User Manual

Model: PT 230

1. INTRODUCTION

The Qinlorgo PT 230 is a portable thermal printer designed for efficient black and white printing. It supports various printing tasks including receipts, restaurant orders, barcodes, QR codes, and text. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device.



Image 1.1: The Qinlargo PT 230 Portable Thermal Label Printer, showcasing its compact design.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the package contents are present and undamaged. If any items are missing or damaged, contact customer support.

2.2 Loading Thermal Paper

1. Open the printer's paper compartment cover.
2. Insert a roll of thermal paper, ensuring the printing side is facing the thermal print head.
3. Pull a small amount of paper out past the print head and close the cover securely.



Image 2.1: The printer shown with a thermal paper roll and the included USB cable, ready for setup.

2.3 Powering On and Charging

The printer operates on a 3.7V Lithium Battery (not included in the specification list, but mentioned in the description as 'not included' in the package list, implying it's internal or needs to be purchased separately if not pre-installed). Connect the printer to a power source using the provided USB cable to charge the internal battery. The power indicator light will show charging status.

2.4 Connecting the Printer

The PT 230 supports both USB and Bluetooth connectivity.

- **USB Connection:** Connect the printer to your computer using the USB cable. Drivers may be required for your operating system (Windows, Linux).
- **Bluetooth Connection:** Enable Bluetooth on your mobile device (iOS, Android) or computer. Search for available devices and select the PT 230. Follow on-screen prompts to pair.



Image 2.2: A close-up view of the USB port located on the side of the printer, used for charging and data connection.

3. OPERATING INSTRUCTIONS

3.1 Basic Controls

The printer features simple button operations for power and paper feed.



Image 3.1: Close-up of the orange power button (left) and feed button (right) on the printer's front panel.

- **Power Button:** Press and hold to turn the printer on or off.
- **Feed Button:** Press to advance the paper by a small amount.

3.2 Printing Process

1. Ensure the printer is powered on and connected via USB or Bluetooth to your device.
2. Open the application or software from which you intend to print (e.g., a POS system, a label design app).
3. Select the Qinlorgo PT 230 as your printer.
4. Initiate the print command from your application. The printer will begin printing receipts, orders, barcodes, or text as configured.

3.3 Supported Platforms and Software

The printer is compatible with various operating systems and can be integrated with different applications for printing:

- **Operating Systems:** For Linux, for Win7, for Win8, for Win10, for iOS, for Android.
- **Print Instruction:** ESC POS compatible instruction set.

- **Image Support:** Supports JPG, BMP, TIF, JPEG and other image formats, including grayscale printing.
- **Barcode Support:** EAN 13, EAN 8, CODE39, TIF, CODABAR, CODE93, CODE128; UPC A, UPC E, CODEBAR.
- **QR Code Support:** QRCOE, PDF417.

4. MAINTENANCE

4.1 Cleaning the Printer

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

- Turn off the printer and disconnect it from the power source.
- Use a soft, lint-free cloth dampened with isopropyl alcohol to gently wipe the thermal print head.
- Clean the paper path and exterior casing with a dry, soft cloth.
- Allow all components to dry completely before reconnecting power and operating the printer.

4.2 Battery Care

To maximize battery life:

- Avoid fully discharging the battery frequently.
- Store the printer in a cool, dry place when not in use for extended periods.
- Charge the battery regularly, even if the printer is not in active use.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Qinlorgo PT 230 printer.

- **Printer Not Powering On:** Ensure the battery is charged. Connect the printer to a power source and try again.
- **No Print Output:** Check if the thermal paper is loaded correctly and the paper compartment cover is closed. Verify the printer is connected to your device and selected as the active printer in your application.
- **Poor Print Quality:** The thermal print head may be dirty. Refer to the 'Cleaning the Printer' section. Ensure you are using high-quality thermal paper.
- **Connection Issues (Bluetooth/USB):** For Bluetooth, ensure the printer is discoverable and within range. For USB, check cable connections and ensure necessary drivers are installed on your computer.
- **Printer Not Responding:** Try restarting the printer by turning it off and then on again.

6. SPECIFICATIONS

Detailed technical specifications for the Qinlorgo PT 230 Portable Thermal Label Printer.



Image 6.1: Dimensions of the Qinlorgo PT 230 printer, measuring approximately 110mm (4.3in) in length, 82mm (3.2in) in width, and 59mm (2.3in) in height.

Feature	Detail
Model	PT 230
Printing Method	Formal Thermal Sensitivity
Output Mode	Black White
Resolution	203 dpi (203 x 203 DPI)
Printing Speed	60-150mm/s
Printing Width	48±0.5mm (1.89±0.02in)
Connectivity	USB, Bluetooth (Dual mode 4.0)
Battery	1 x 3.7V Lithium Battery (not included in package list, implying internal or separate purchase)
Standby Time	100H

Feature	Detail
Working Temperature	-10-50°C
Storage Temperature	-20-70°C
Working Humidity	20-50%
Storage Humidity	5-95%
Compatible OS	Windows, iOS, Linux, Android
Control Method	App
Printer Output	Monochrome
Specific Uses	Printing receipts, restaurant orders, barcodes, QR codes, text

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact your retailer. Keep your purchase receipt as proof of purchase.