Xprinter Q200

Xprinter Q200 80mm Thermal POS Receipt Printer User Manual

Model: Q200

1. INTRODUCTION

The Xprinter Q200 is an 80mm thermal Point-of-Sale (POS) receipt printer designed for commercial applications. It features high-speed printing, an integrated autocutter, and versatile connectivity options including USB and LAN (Ethernet). This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Xprinter Q200 printer.

2. SAFETY INFORMATION

- Ensure the printer is connected to a grounded power outlet with the correct voltage.
- Do not expose the printer to water or excessive humidity.
- Avoid placing the printer in direct sunlight or near heat sources.
- Use only the specified power adapter provided with the printer.
- Keep the printer away from dust and debris to prevent damage to internal components.
- Do not attempt to open or repair the printer yourself. Refer to qualified service personnel.
- Handle thermal paper carefully; avoid touching the thermal print head immediately after printing as it may be hot.

3. PACKAGE CONTENTS

Please check the package contents upon unpacking. If any items are missing or damaged, contact your vendor.

- Xprinter Q200 Thermal Receipt Printer
- Power Adapter
- Power Cable
- USB Data Cable
- Thermal Paper Roll (for initial testing)
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Printer Components

Figure 1: Xprinter Q200 Thermal POS Receipt Printer, showing the overall design with the Xprinter logo and power switch on the front.

Figure 2: Front view of the Xprinter Q200, highlighting the power switch and the Xprinter branding.

Figure 3: Top view of the Xprinter Q200 with the paper cover open, revealing the thermal paper compartment and the print head mechanism.

4.2 Rear Panel and Connectivity

Figure 4: Rear view of the Xprinter Q200, displaying the various connectivity ports and the DIP switch configuration table.

The rear panel of the Xprinter Q200 provides the following connection ports:

- **Serial Port (DB9):** For serial communication.
- **USB Port (Type-B):** For direct connection to a computer.
- **LAN Port (RJ45):** For network connectivity.
- **Cash Drawer Port (RJ11):** To connect a cash drawer.
- **Power Input:** For connecting the power adapter.

4.3 DIP Switch Settings

The DIP switches on the rear panel allow for configuration of various printer functions. Refer to the table below for settings:

Switch	Function	ON Setting	OFF Setting
SW-1	Select Cutter	No (Cutter Disabled)	Yes (Cutter Enabled)
SW-2	Select Beeper	No (Beeper Disabled)	Yes (Beeper Enabled)
SW-3	Print Density Setting	High Density	Standard Density
SW-4	Two-byte Character Code	Enabled	Disabled
SW-5	Characters Per Line	42 Characters	48 Characters
SW-6	Cutter with Cash Drawer	No (Independent)	Yes (Linked)
SW-7 & SW-8	Serial Baudrate	SW-7 ON, SW-8 ON = 115200 bps SW-7 ON, SW-8 OFF = 19200 bps	SW-7 OFF, SW-8 ON = 38400 bps SW-7 OFF, SW-8 OFF = 9600 bps

Note: Ensure the printer is powered off before changing DIP switch settings.

5. SETUP

5.1 Connecting Power

1. Connect the power cable to the power adapter.
2. Plug the power adapter's output connector into the power input port on the rear of the printer.
3. Plug the power cable into a suitable electrical outlet.

5.2 Connecting Data Cable

Choose one of the following connection methods:

- **USB Connection:** Connect one end of the USB cable to the USB Type-B port on the printer and the other end to an available USB port on your computer.
- **LAN (Ethernet) Connection:** Connect an Ethernet cable to the LAN port on the printer and the other end to your network router or switch.
- **Serial Connection:** Connect a serial cable to the DB9 serial port on the printer and the other end to the serial port on your computer.

5.3 Loading Thermal Paper

1. Press the cover open button (usually located on the side or front of the printer) to open the top cover.
2. Insert the 80mm thermal paper roll into the paper compartment with the printing surface facing upwards.
3. Pull a small amount of paper out past the cutter blade.
4. Close the top cover firmly until it clicks into place.

5.4 Driver Installation

For USB or Serial connections, a printer driver is typically required. For LAN connections, the printer can often be configured via its IP address. Refer to the driver CD (if included) or the manufacturer's website for the latest drivers and installation instructions compatible with your operating system.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on the printer, press the power switch located on the front panel to the 'ON' position. The power indicator light will illuminate.
- To power off the printer, press the power switch to the 'OFF' position.

6.2 Indicator Lights

The printer typically features indicator lights (e.g., Power, Error, Paper) to show its status:

- **Power Light:** Indicates the printer is powered on.
- **Error Light:** Illuminates or flashes to indicate an error condition (e.g., print head overheat, cutter error).
- **Paper Light:** Illuminates when the paper roll is low or out.

6.3 Printing

Once the printer is connected and drivers are installed (if necessary), you can send print jobs from your POS software or application. The printer will automatically feed the paper and cut the receipt after printing, thanks to its integrated autocutter.

6.4 Self-Test Print

A self-test print can be used to verify the printer's basic functionality and print quality without needing a computer connection. The exact procedure may vary, but typically involves holding down a feed button while powering on the printer.

7. MAINTENANCE

7.1 Paper Roll Replacement

When the paper indicator light illuminates or printing becomes faint, it's time to replace the paper roll. Follow the steps in Section 5.3 to load a new 80mm thermal paper roll.

7.2 Cleaning the Print Head

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

1. Turn off the printer and disconnect the power cable.
2. Open the top cover.
3. Wait for the print head to cool down if the printer has been recently used.
4. Gently wipe the thermal print head with a cotton swab lightly dampened with isopropyl alcohol.
5. Allow the print head to dry completely before closing the cover and powering on the printer.

8. TROUBLESHOOTING

If you encounter issues with your Xprinter Q200, refer to the following common problems and solutions:

- **No Power:** Ensure the power cable is securely connected to the printer and the power outlet. Check the power switch position.
- **No Print:** Verify that the paper roll is loaded correctly and not empty. Check the data cable connection (USB/LAN/Serial). Ensure the printer driver is installed and selected as the default printer on your computer.
- **Paper Jam:** Turn off the printer, open the top cover, and carefully remove any jammed paper. Close the cover and restart.
- **Poor Print Quality:** Clean the thermal print head as described in Section 7.2. Ensure you are using high-quality thermal paper. Adjust print density via DIP switch SW-3 if necessary.
- **Error Light On/Flashing:** Refer to the printer's specific error codes (if available in a separate technical manual) or try powering the printer off and on again. If the issue persists, contact support.

9. SPECIFICATIONS

Feature	Specification
Model Number	Q200 (XP-Q200)
Print Method	Direct Thermal
Print Speed	200 mm/sec (40 ppm)
Max. Resolution	203 dpi
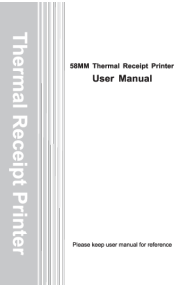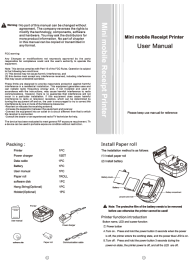
Feature	Specification
Max Paper Size	80 mm
Paper Feed Mode	Auto
Connectivity	USB, LAN (Ethernet), Serial
Autocutter	Yes
Supports Network Printing	Wired
Double-sided Printing	No
Consumable Type	Thermal Paper
Color	Black
Dimensions (L x W x H)	32 x 23.7 x 19.2 cm
Weight	2.2 kg

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your vendor/reseller. You may also visit the official Xprinter website for further assistance and updated resources.

Related Documents - Q200

Thermal Receipt Printer User Manual	**Xprinter Q200 Thermal Receipt Printer User Manual** User manual for the Xprinter Q200 thermal receipt printer, detailing features, specifications, connection, paper loading, DIP switch settings, QR code functionality, driver installation, and maintenance. Includes troubleshooting tips and operational guidance.
58 mm hőnyomtató Xprinter XP T58 K Használati útmutató www.someplacemu.mn.ca	**Xprinter XP T58 K Thermal POS Printer User Manual** Comprehensive user manual for the Xprinter XP T58 K thermal POS printer, covering installation, setup, functions, specifications, and troubleshooting.

XPRINTER XP-58IIH USER MANUAL

Quick Links
Connection
Specifications
Driver Installation
Printer Drive
Set Print Mode

[Xprinter XP-58IIH Thermal Receipt Printer User Manual](#)
User manual for the Xprinter XP-58IIH thermal receipt printer, covering specifications, connection, paper roll installation, driver installation, print modes, and cleaning procedures.

Thermal Receipt Printer

58MM Thermal Receipt Printer
User Manual

Please keep user manual for reference

[58MM Thermal Receipt Printer User Manual](#)
User manual for the 58MM Thermal Receipt Printer, covering installation, operation, maintenance, and troubleshooting. Includes specifications and driver setup instructions.

Impresoras XPRINTER   Cambio de IP en Impresoras

Modelos XP-200, XP-230 y XP-800

[Guía para Cambiar la Dirección IP de Impresoras Xprinter (Modelos XP-200, XP-230, XP-800)](#)
Aprenda a cambiar la dirección IP de su impresora Xprinter (modelos XP-200, XP-230, XP-800) utilizando el software POS ETHERNET. Siga esta guía paso a paso para una configuración de red exitosa.

Mini mobile Receipt Printer
User Manual

[Xprinter XP-P810 Mini Mobile Receipt Printer User Manual](#)
Comprehensive user manual for the Xprinter XP-P810 Mini Mobile Receipt Printer. Includes setup guide, operational instructions, maintenance tips, and troubleshooting advice for this portable thermal receipt printer.