SHREYANS NB80

SHREYANS NB80 58mm Thermal Billing Printer User Manual

Model: NB80

Introduction

Thank you for choosing the SHREYANS NB80 58mm Thermal Billing Printer. This device is designed for efficient and reliable receipt printing in various business environments. This manual provides essential information for the proper setup, operation, and maintenance of your printer. Please read it thoroughly before using the product to ensure optimal performance and longevity.

Safety Information

- Always use the power adapter supplied with the printer.
- Do not expose the printer to water or excessive humidity.
- Avoid placing the printer in direct sunlight or near heat sources.
- Ensure proper ventilation around the printer.
- Do not attempt to disassemble or repair the printer yourself. Contact qualified service personnel.
- Keep out of reach of children.

Package Contents

Verify that all items are present in the package:

- SHREYANS NB80 Thermal Billing Printer
- Power Adapter
- USB Cable
- Thermal Paper Roll (starter)
- User Manual (this document)

Product Overview

Familiarize yourself with the main components of your SHREYANS NB80 printer.



Figure 1: Front view of the SHREYANS NB80 Thermal Billing Printer. This image shows the printer's compact design, the paper output slot, and a sample receipt with a QR code.



Figure 2: Rear view of the SHREYANS NB80 printer. This image highlights the connectivity ports: Power Cable input, USB Cable port, and Cash Drawer Cable port.

Key Features:

- **Inkless Thermal Printing:** Utilizes thermal paper, eliminating the need for ink cartridges.
- **Versatile Connectivity:** Supports USB and Bluetooth connections.
- **Wide Compatibility:** Works with Windows, Linux, and Mac operating systems.
- **Compact Design:** Space-saving footprint for various counter setups.
- **Cash Drawer Support:** Includes a port for connecting a cash drawer.

Setup Guide

1. Loading Thermal Paper

1. Open the printer cover by pressing the release latch (usually located on the side or front).

2. Insert the 58mm thermal paper roll with the printing surface facing upwards. Ensure the roll is seated correctly in the paper compartment.
3. Pull a small amount of paper out past the cutter blade.
4. Close the printer cover firmly until it clicks into place.



Figure 3: Correct orientation for loading a 58mm thermal paper roll. The image illustrates that the paper should feed from the bottom of the roll, with the thermal side facing the print head.

2. Connecting Power

1. Connect the power adapter to the power input port on the rear of the printer (refer to Figure 2).
2. Plug the other end of the power adapter into a suitable electrical outlet.
3. Turn on the printer using the power switch, typically located on the front or side.

3. Connecting to a Computer (USB)

1. Ensure the printer is powered on.

2. Connect one end of the provided USB cable to the USB port on the rear of the printer (refer to Figure 2).
3. Connect the other end of the USB cable to an available USB port on your computer (Windows, Linux, or Mac).
4. The operating system should detect the new hardware. Proceed with driver installation as described in the next section.

4. Connecting via Bluetooth

The SHREYANS NB80 supports Bluetooth 4.0 for wireless printing from compatible devices.

1. Ensure the printer is powered on and within range of your Bluetooth-enabled device (e.g., smartphone, tablet, laptop).
2. On your device, navigate to the Bluetooth settings.
3. Search for available devices. The printer should appear as "NB80" or a similar identifier.
4. Select the printer to pair. If prompted for a PIN, enter "0000" or "1234" (common default PINs).
5. Once paired, you can select the printer from your application's print options.



Figure 4: Example of connecting the SHREYANS NB80 printer via Bluetooth from a smartphone. This image shows a mobile interface with Bluetooth settings and the printer listed as a discoverable device.

5. Driver Installation

Drivers are required for USB connection to your computer. For Bluetooth printing from mobile devices, specific application integration (SDK) may be needed, as indicated in product specifications.

Windows:

1. After connecting the printer via USB, Windows may attempt to install a generic driver.
2. For full functionality, it is recommended to install the official SHREYANS printer driver. This can typically be found on the manufacturer's website or provided on a CD/USB drive with the product.
3. Follow the on-screen instructions of the driver installer.
4. Once installed, the printer will appear in your "Devices and Printers" settings.

Linux & Macbooks:

Specific drivers or setup guides for Linux and Macbooks are usually available from the manufacturer's support resources. Consult the SHREYANS support website for the latest drivers and installation instructions relevant to your operating system version.

Operating Instructions

1. Basic Printing

1. Ensure the printer is connected to your device (via USB or Bluetooth) and powered on.
2. Open the document or application from which you wish to print (e.g., POS software, text editor).
3. Select the print option within the application.
4. Choose "SHREYANS NB80" (or similar name) from the list of available printers.
5. Adjust any print settings as needed (e.g., paper size, orientation).
6. Click "Print" to send the job to the printer.

2. Manual Paper Cutting

The SHREYANS NB80 printer features a manual cut mechanism. After printing, gently tear the receipt upwards against the serrated edge located at the paper output slot.

3. Connecting a Cash Drawer

The printer can trigger a compatible cash drawer to open automatically after a transaction.

1. Connect the cash drawer cable to the dedicated cash drawer port on the rear of the printer (refer to Figure 2).
2. Ensure your POS software or application is configured to send the cash drawer open command to the SHREYANS NB80 printer. Consult your software's documentation for specific settings.

Maintenance

1. Cleaning the Printer

- **Exterior:** Wipe the exterior of the printer with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Print Head:** The thermal print head can accumulate dust or paper residue. Gently clean it with a cotton swab lightly dampened with isopropyl alcohol. Ensure the printer is turned off and completely dry before turning it back on.
- **Paper Path:** Remove any paper dust or debris from the paper path using a soft brush or compressed air.

2. Replacing Thermal Paper

When the paper roll is nearly empty, a red line may appear on the receipt, indicating it's time for replacement. Follow the steps in the "Loading Thermal Paper" section (Setup Guide) to replace the roll.

Troubleshooting

Problem	Possible Cause	Solution
Printer does not power on.	No power supply; faulty power adapter.	Check power cable connection. Ensure power outlet is functional. Try a different power adapter if available.
No printing or blank receipts.	Paper loaded incorrectly; out of paper; print head dirty.	Reload paper correctly (printing side up). Replace paper roll. Clean the print head as per maintenance instructions.
Printer not recognized by computer.	USB cable loose/faulty; drivers not installed.	Ensure USB cable is securely connected. Try a different USB port or cable. Install/reinstall printer drivers.
Bluetooth connection issues.	Printer not in pairing mode; incorrect PIN; interference.	Ensure printer is discoverable. Re-enter PIN "0000" or "1234". Move printer closer to the device. Restart both devices.
Poor print quality.	Dirty print head; low-quality thermal paper.	Clean the print head. Use high-quality thermal paper.

Specifications

Feature	Detail
Model	NB80
Printing Technology	Direct Thermal
Print Media	Thermal Paper (plain)
Paper Width	58 mm
Max Print Speed (Monochrome)	35 ppm
Connectivity	USB, Bluetooth (4.0)
Compatible Devices	Windows, Linux, Macbooks
Control Method	Touch
Product Dimensions (L x W x H)	25.8D x 13.7W x 12H Centimeters
Item Weight	1 kg
Included Components	Printer, Power Adapter, USB Cable, Thermal Paper Roll

Warranty and Support

The SHREYANS NB80 Thermal Billing Printer comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical assistance, troubleshooting, or warranty claims, please contact SHREYANS customer support through their official website or the contact information provided with your purchase. Please have your product model (NB80) and purchase details ready when contacting 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