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› [Excelvan E801 Bluetooth 80MM Thermal Receipt Printer User Manual](#)

**EXCELVAN E801**

## **Excelvan E801 Bluetooth 80MM Thermal Receipt Printer User Manual**

**MODEL: E801**



Front view of the Excelvan E801 Bluetooth 80MM Thermal Receipt Printer, a compact black device with indicator lights on the front

## 1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Excelvan E801 Bluetooth 80MM Thermal Receipt Printer. Designed for efficient receipt printing, this device offers versatile connectivity options including USB and Bluetooth, making it compatible with Android, Windows, and iOS operating systems. Please read this manual thoroughly to ensure proper usage and to maximize the printer's performance and longevity.

## 2. Package Contents

Verify that all the following items are included in your package:

- Excelvan E801 80MM Thermal Receipt Printer
- EU Power Adapter (Power Supply)
- USB Cable
- Driver CD
- Paper Roll (Starter)
- Paper Deflector
- User Manual

## 3. Product Features

- **High-Speed Printing:** Up to 300 mm/s.
- **Paper Width:** Supports 80mm and 58mm paper rolls with a movable deflector design.
- **Connectivity:** USB, Bluetooth, and Cash Drawer interface.
- **Operating System Compatibility:** Android, iOS, Linux, and Windows systems.
- **Automatic Cutter:** Integrated automatic paper cutting function.
- **Reliability:** Print head life of 100 km.
- **Buffer:** Input Buffer: 2048 Kbyte, NVFlash: 256 Kbyte.
- **Barcode Support:** Supports 1D and 2D barcodes (QRCODE).
- **Graphic Printing:** Supports downloading and printing logos and graphics.
- **Error Alarms:** Features support for reminder and error alarms.

## 4. Physical Overview

Familiarize yourself with the various components and ports of the printer.

# Cash Drawer Port

## Can using with cash draw



**Front Panel:** Features Power, Error, and Paper indicator lights, along with a paper feed button.



**Side Panel:** The 'OPEN' button is used to release the top cover for paper loading.



**Rear Ports:** Includes USB Port, Cash Drawer Port, and Power input for connections.



**USB Port** **Power**  
**Cash Drawer Port**

**Dimensions:** Approximately 12.5cm (4.92 inches) H x 18cm (7.09 inches) D x 14.5cm (5.71 inches) W.

## 5. Setup

### 5.1. Loading Paper

1. Press the 'OPEN' button on the side of the printer to open the top cover.
2. Insert the thermal paper roll into the compartment, ensuring the printing side faces upwards.
3. Pull a small amount of paper out past the cutter.
4. Close the top cover firmly until it clicks into place.



Image illustrating the process of loading a thermal paper roll into the printer.

## 5.2. Power Connection

Connect the provided EU power adapter to the 'Power' port on the rear of the printer, then plug the adapter into a suitable power outlet. Turn on the printer using the 'ON/OFF' switch located next to the power port.

## 5.3. Device Connections

- **USB Connection:** Connect the printer to your computer using the supplied USB cable. The USB port is located on the rear panel.
- **Bluetooth Connection:**
  - Ensure Bluetooth is enabled on your device (Android, iOS, Windows).
  - Search for available Bluetooth devices and select the printer (usually named 'E801' or similar).
  - Enter the pairing code if prompted (common codes are '0000' or '1234').
  - Once paired, the printer will be ready for use.
- **Cash Drawer Connection:** Connect a compatible cash drawer to the 'Cash Drawer Port' on the rear of the printer. This allows the printer to trigger the cash drawer to open during transactions.



Detail of the Cash Drawer Port, compatible with standard cash drawers.

## 6. Operating Instructions

## 6.1. Driver Installation

For Windows and Linux systems, install the necessary drivers from the provided CD. For Android and iOS, specific applications or SDKs may be required for direct printing. Refer to the software documentation or the manufacturer's website for the latest drivers and integration guides.

## 6.2. Printing from Applications

Once the printer is connected and drivers are installed (if applicable), you can print receipts from your point-of-sale (POS) software or other compatible applications. Ensure the Excelvan E801 is selected as the default printer or the target printer within your application's settings.

# 7. Maintenance

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## 7.1. Cleaning the Printer

Regular cleaning helps maintain print quality and extends the printer's lifespan. Use a soft, lint-free cloth lightly dampened with isopropyl alcohol to clean the print head and the paper path. Ensure the printer is turned off and unplugged before cleaning. Allow all components to dry completely before resuming operation.

## 7.2. Paper Roll Replacement

When the 'Paper' indicator light illuminates or printing becomes faint, it's time to replace the paper roll. Follow the steps outlined in Section 5.1 'Loading Paper' to replace the roll.

# 8. Troubleshooting

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- **Printer Not Responding:**

- Check power connection and ensure the printer is turned on.
- Verify USB or Bluetooth connection is secure and active.
- Restart the printer and the connected device.

- **'Error' Light On:**

- This often indicates a paper jam or the paper compartment is not properly closed. Open the cover, clear any jammed paper, and ensure the cover is securely latched.
- If the error persists, turn the printer off and on again.

- **'Paper' Light On:**

- Indicates that the paper roll is empty or running low. Replace the paper roll as described in Section 5.1.

- **Difficulty Connecting via Bluetooth:**

- Ensure the printer is in pairing mode or discoverable.
- Check that no other device is currently connected to the printer via Bluetooth.
- Some users have reported occasional connection issues; restarting both the printer and the host device can often resolve this.

- **Poor Print Quality:**

- Clean the print head as described in Section 7.1.
- Ensure you are using high-quality thermal paper.

## 9. Specifications

Feature	Specification
Printing Method	Direct Thermal Line
Effective Print Width	72 mm
Max Print Speed	300 mm/s
Paper Width Supported	80 mm, 58 mm
Resolution	566 dpi (Max Black & White)
Interface	USB, Bluetooth, Cash Drawer
Operating Systems	Android, iOS, Linux, Windows
Input Buffer	2048 Kbyte
NVFlash	256 Kbyte
Print Head Reliability	100 km
Barcode Support	1D Barcode, 2D Barcode (QR CODE)
Automatic Cutter	Yes
Power Adapter	EU Plug
Model Number	E801

## 10. Warranty and Support

For information regarding warranty coverage and technical support, please refer to the warranty card included with your product or contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase for any warranty claims.

### Related Documents - E801

 <small>7021G 7Inch Car MP5 Player User Manual</small>	<p><a href="#"><u>Excelvan 7021G 7-inch Car MP5 Player User Manual</u></a></p> <p>Comprehensive user manual for the Excelvan 7021G 7-inch car MP5 player, covering features, operation, settings, and troubleshooting. Learn how to install and use your device for enhanced in-car entertainment.</p>
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