PONNOR AL-135

PONNOR AL-135 Counterfeit Bill Detector User Manual

1. Introduction

The PONNOR AL-135 is an advanced counterfeit bill detector designed for efficient and accurate currency verification. It utilizes multiple detection methods, including Ultraviolet (UV), Magnetic (MG), and Infrared (IR) scanning, along with size and double-note sensing, to identify fraudulent banknotes. Its portable design and user-friendly interface make it suitable for various business environments.

Key features include:

- Ultra-clear display for instant genuine (√) or fake (×) bill indication.
- 4-way orientation acceptance for flexible bill insertion.
- Adjustable output chute for versatile bill ejection direction.
- High-level detection combining UV, MG, IR, size, and double-note sensing.
- Efficient verification in under 2 seconds per bill.
- Built-in 500 mAh rechargeable battery for cordless operation.
- Anti-jam limiter for smooth workflow.

2. Safety Information

- Read all instructions before operating the device.
- Keep the device away from water or other liquids to prevent electric shock.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Use only the provided power adapter and charging cable.
- Ensure the device is placed on a stable, flat surface during operation.
- Avoid exposing the device to extreme temperatures or direct sunlight.

3. Package Contents

Verify that all items are present in the package:

- PONNOR AL-135 Counterfeit Bill Detector
- Power Adapter
- User Manual

4. Product Overview

The PONNOR AL-135 features a compact design with an intuitive control panel and a clear display for easy operation.



Figure 4.1: Front view of the PONNOR AL-135 Counterfeit Bill Detector, showing the bill insertion slot and display screen.

The device employs a comprehensive 10-in-1 detection system to ensure the authenticity of banknotes:



Figure 4.2: Illustration of the 10-in-1 detection power, detailing Full Color Sensor (RGB), Magnetic Ink (MG), Magnetic Thread (MT), Infrared Reflection (IR), Infrared Transmission (Image), Ultraviolet Paper Brightness (UV), Banknote Size (SIZE), Half-Notes (HLF), Chain Notes (CHN), and Double Notes (DBL).

5. Setup

5.1. Charging the Battery

The AL-135 includes a built-in 500 mAh rechargeable Lithium Polymer battery for portable use. Before first use, fully charge the device.

1. Connect the provided power adapter to the charging port on the device.
2. Plug the power adapter into a standard electrical outlet.
3. The charging indicator on the device will illuminate. Allow sufficient time for a full charge (typically 2-3 hours).
4. Once fully charged, the indicator may change color or turn off. Disconnect the power adapter.



Figure 5.1: Visual representation of the rechargeable battery and jam-free stopper mechanism.

5.2. Initial Power On

Press and hold the power button (usually marked with a circle and vertical line) on the control panel until the display illuminates.

5.3. Adjusting Output Chute

The device features an adjustable output chute. You can change the bill ejection direction (front or rear) to suit your workspace. Locate the adjustment mechanism, typically a lever or button, and slide it to your preferred output direction.

6. Operating Instructions

6.1. Bill Insertion

The AL-135 accepts bills in any of the four orientations (face up/down, head first/last). Insert one bill at a time into the feeding slot.

1. Ensure the device is powered on.
2. Gently insert a single banknote into the bill feeding slot. The device will automatically pull the bill through.
3. Wait for the detection process to complete (typically under 2 seconds).



Figure 6.1: The 4-way feed system allows bills to be inserted from any direction, ensuring a jam-free operation.

6.2. Reading Indicators

The display will show a clear indicator of the bill's authenticity:

- **Green Checkmark (√):** Indicates a genuine banknote.
- **Red 'X' (×):** Indicates a suspected counterfeit banknote.



Figure 6.2: The ultra-clear display instantly shows a green checkmark for genuine bills and a red 'X' for suspected counterfeits.

6.3. Changing Bill Ejection Direction

To change the direction from which bills are ejected, press the 'DIR' button on the control panel. This allows you to switch between front and rear output, providing flexibility for different counter setups.



Figure 6.3: The bi-directional output feature, controlled by the 'DIR' button, allows bills to be ejected from either the front or the rear of the device.

7. Maintenance

7.1. Cleaning

Regular cleaning helps maintain the device's accuracy and longevity.

- Power off and unplug the device before cleaning.
- Use a soft, dry cloth to wipe the exterior of the device.
- For internal sensors, use a can of compressed air to gently remove dust and debris. Do not use liquid cleaners inside the device.
- Avoid abrasive materials or harsh chemicals that could damage the surface or internal components.

7.2. Storage

When not in use, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.

8. Troubleshooting

If you encounter issues with your PONNOR AL-135, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted or not charged.	Connect the power adapter and charge the device. Ensure the power button is pressed and held.
False counterfeit readings (genuine bills marked as fake).	Dirty sensors, worn bills, or incorrect bill insertion.	Clean the sensors as described in the Maintenance section. Try re-inserting the bill carefully. Ensure bills are not excessively worn or damaged.
Device powers off automatically when idle.	Power-saving feature activated.	This is a normal power-saving function. Press the power button to reactivate the device. This occurs even when plugged in to conserve battery life.

Problem	Possible Cause	Solution
Bills jam during feeding.	Improper bill insertion or foreign object in the feeder.	Ensure bills are inserted flat and one at a time. Check the feeding path for any obstructions and carefully remove them.

9. Specifications

Feature	Detail
Brand	PONNOR
Model Number	AL-135
Color	Black
Power Source	Battery Powered
Item Weight	0.84 Kilograms (1.85 pounds)
Mounting Type	Wall Mount (*Note: While listed, primary use is desktop.*)
Battery Type	Lithium Polymer
Battery Capacity	500 mAh
Batteries Included	Yes (1 Nonstandard Battery)
Detection Methods	UV, Magnetic, Infrared, Size, Double-Note Sensing
Verification Speed	Under 2 seconds per bill
Output Direction	Bi-directional (adjustable)

10. Warranty and Support

10.1. Warranty Information

PONNOR products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official PONNOR website. Keep your purchase receipt as proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, troubleshooting, or any questions regarding your PONNOR AL-135 Counterfeit Bill Detector, please contact our customer support team. Contact information can typically be found on our official website or on the product packaging.

Please have your model number (AL-135) and purchase date available 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