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**ACE4U 5800D**

# ACE4U Bill Counter 5800D User Manual

Model: 5800D | Brand: ACE4U

## 1. Introduction

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your ACE4U 5800D Bill Counter. Please read this manual thoroughly before using the device to ensure proper function and to prevent damage.

## 2. Product Overview and Package Contents

The ACE4U 5800D is a multifunction bill counter equipped with UV (Ultraviolet) and MG (Magnetic) counterfeit detection capabilities, designed for fast and accurate counting of banknotes.

### Package Contents:

- Main Unit (Bill Counter)
- User Manual
- Cleaning Brush
- Accessories (e.g., leather circle)
- Power Cable
- External Display




Image: Contents of the ACE4U 5800D Bill Counter package. This includes the main bill counter unit, a user manual, a small bristled cleaning brush, a leather circle accessory, a power cord, and an external display unit.

## 3. Specifications

| Feature | Specification |
|---|---|
| Counting Speed | 1000 bills/min |
| Size of Countable Note | 50mm × 110mm - 90mm × 185mm |
| Dimensions (L×W×H) | 290mm × 260mm × 200mm |
| Net Weight | 6.5 kgs |
| Power Consumption | 80W |
| Hopper Capacity | 300 bills |
| Stacker Capacity | 200 bills |

| | |
|---|---|
| Preset Range | 1-999 |
| Detection Methods | UV (Ultraviolet), MG (Magnetic) |
| Display | LCD Display, External Display |
| Power Source | AC |
| Model Number | 1005004111500432 (Internal) / 5800D (Marketing) |

## 4. Setup

1. **Unpacking:** Carefully remove the bill counter and all accessories from the packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the bill counter on a stable, flat surface away from direct sunlight, high temperatures, or excessive humidity.
3. **Power Connection:** Connect the provided power cable to the power inlet on the back of the machine and then to a suitable AC power outlet.
4. **External Display Connection (Optional):** If using the external display, connect its cable to the designated port on the back of the bill counter.




Image: Rear panel of the bill counter, highlighting the power input, power switch, and the interface for connecting the external display.

5. **Adjusting Banknote Guides:** Adjust the banknote guides in the hopper to match the width of the currency you will be counting. This ensures smooth feeding and prevents jams.




Image: Detailed view of the adjustable banknote guides and the integrated carrying handle, demonstrating how to set the width for different currencies and transport the device.

## 5. Operating Instructions

1. **Power On:** Flip the power switch located on the rear of the machine to the 'ON' position. The LCD display will illuminate.
2. **Loading Bills:** Neatly stack the bills into the hopper. Ensure they are aligned and not folded or crumpled. The hopper has a capacity of 300 bills.
3. **Automatic Start:** The machine will automatically start counting once bills are placed in the hopper.
4. **Counting Modes:**
    - **COUNT:** Standard counting mode.
    - **BATCH:** Allows you to count bills in specific batches (e.g., 100 bills). Use the '+' and '-' buttons to set the desired batch quantity.
    - **ADD:** Accumulates the total count from multiple counting operations.

5. **Counterfeit Detection:** The 5800D automatically detects counterfeit bills using UV (Ultraviolet) and MG (Magnetic) sensors during the counting process. If a suspicious bill is detected, the machine will stop, and an error message may appear on the display. Remove the suspicious bill and press 'START' to resume counting.
6. **Clearing Count:** The machine features an automatic clear function.
7. **Reading the Display:** The LCD display shows the current count, selected mode, and detection status. The external display provides an additional view of the count.




Image: The bill counter in action, processing banknotes. The main display and external display are visible, indicating the counting process.




Image: Close-up of the bill counter's LCD screen, illustrating the different detection and counting modes available, such as UV, MG, Count, Batch, and Add.

## 6. Features

- Automatic detection with UV (Ultraviolet) and MG (Magnetic) sensors during counting.
- Suitable for most currencies worldwide.
- Automatic start, stop, and clear functions.
- Batching and adding functions for flexible counting.
- Self-examination function for diagnostics.
- Automatic half-note detection.
- Clear LCD display for counting information.
- Roller friction system for reliable bill feeding, capable of processing up to 1000 bills per minute.




Image: An internal view of the bill counter's roller friction system, illustrating the mechanism that feeds bills smoothly and quickly through the machine.

## 7. Maintenance

Regular cleaning and maintenance will ensure the longevity and optimal performance of your bill counter.

- **Cleaning:** Use the provided cleaning brush to regularly remove dust, paper fibers, and debris from the bill path, sensors, and rollers. Ensure the machine is powered off and unplugged before cleaning.
- **Sensor Cleaning:** Pay special attention to cleaning the UV and MG sensors to maintain accurate counterfeit detection.
- **Roller Inspection:** Periodically inspect the rubber rollers for wear or damage. Worn rollers can lead to misfeeds or jams.
- **Storage:** When not in use for extended periods, store the machine in a dry, dust-free environment.




Image: The bristled cleaning brush included with the bill counter, essential for routine maintenance and cleaning of internal components.

## 8. Troubleshooting

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

- **Machine does not power on:**
  - Check if the power cable is securely connected to both the machine and the power outlet.
  - Ensure the power switch on the rear of the machine is in the 'ON' position.
- **Bills are jamming frequently:**
  - Ensure bills are neatly stacked and not folded or crumpled before placing them in the hopper.
  - Adjust the banknote guides to fit the width of the bills precisely.
  - Clean the bill path and rollers for any debris or dust.
  - Inspect rollers for wear; worn rollers may need replacement.
- **Inaccurate counting or counterfeit detection errors:**
  - Clean the UV and MG sensors thoroughly.

- Ensure bills are not excessively worn or damaged, as this can affect detection.
- Verify that the currency being counted is suitable for the machine's detection capabilities.

- **Display shows an error code:**
  - Refer to the specific error code in the full user manual (if available) or contact customer support for assistance.

## 9. Safety Information

- Always unplug the machine before cleaning or performing any maintenance.
- Do not operate the machine with wet hands or in wet conditions.
- Keep the machine away from water and other liquids.
- Do not attempt to open or repair the machine yourself. Refer all servicing to qualified personnel.
- Keep children and pets away from the operating machine.
- Use only the power adapter supplied with the device.

## 10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official ACE4U website or contact their customer service directly. Please have your product model number (5800D) and purchase details ready when contacting support.


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