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Aneken AL-1000

Aneken Money Counter AL-1000 User Manual

Your comprehensive guide to operating and maintaining your Aneken Money Counter.

1. INTRODUCTION

The Aneken Money Counter AL-1000 is a professional and efficient device designed for accurate bill counting and counterfeit detection. It supports various currencies, including USD and EUR, and offers multiple operating modes to streamline your cash handling processes. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Image: The Aneken Money Counter AL-1000 actively counting bills, demonstrating its primary function. An external display shows the count, indicating its readiness for use in various business environments.

2. PRODUCT COMPONENTS

Familiarize yourself with the different parts of your Aneken Money Counter AL-1000:



Image: A detailed diagram illustrating the key components of the Aneken Money Counter AL-1000, including the bill hopper, LCD display, stacker, and various ports, essential for understanding its operation.

- **Hopper:** Where bills are loaded for counting.
- **Handle:** Integrated for easy portability.
- **LCD Display:** Shows counting results, error codes, and mode selections.
- **Impeller:** Internal mechanism that feeds bills through the counter.
- **Stacker:** Where counted bills are collected.
- **Front Platform:** Supports bills as they are fed into the machine.
- **External Display:** Connects to the unit for a secondary view of the count.
- **Adjusting Screw:** Used to fine-tune bill feeding mechanism.
- **Power Switch:** Turns the device on/off.
- **External Display Outlet:** Port for connecting the external display.
- **Power Input:** Connects the power cable to the device.

3. SETUP

Follow these steps to set up your Aneken Money Counter for first use:

1. **Unpacking:** Carefully remove the money counter and all accessories from the packaging. Verify that all items listed in the packing list are present: 1 AL-1000 bill counter, 1 power cable, 1 dust brush, 1 external display, 1 spare part, 1 user manual, 4 currency straps.
2. **Placement:** Place the money counter on a stable, flat, and dry surface, ensuring adequate ventilation around the unit.
3. **Power Connection:** Connect the provided power cable to the "Power Input" port on the back of the machine and then plug the other end into a suitable power outlet.
4. **External Display (Optional):** If you wish to use the external display, connect its cable to the "External Display Outlet" on the back of the machine.
5. **Power On:** Flip the "Power Switch" to the ON position. The machine will perform a self-test, and the LCD display will light up, indicating it's ready for operation.



Image: The Aneken Money Counter AL-1000 displayed alongside its complete set of accessories, including the power cable, cleaning brush, external display, and user manual, highlighting everything needed for setup and operation.

4. OPERATING INSTRUCTIONS

4.1 Basic Counting

To perform a basic count:

1. Ensure the machine is powered on.
2. Place the stack of bills neatly into the Hopper. Ensure the bills are aligned and not folded or crumpled.
3. The machine will automatically start counting in Auto mode. If in Manual mode, press the "START/AM"

button to begin.

4. The LCD display will show the number of counted bills. The counting speed is approximately 1000 bills per minute.



Portable hidden handle

Counting speed > 1000 bills / minute

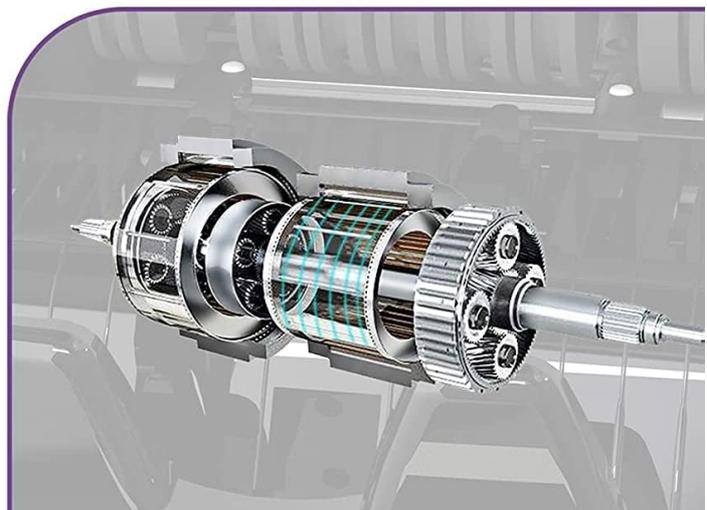
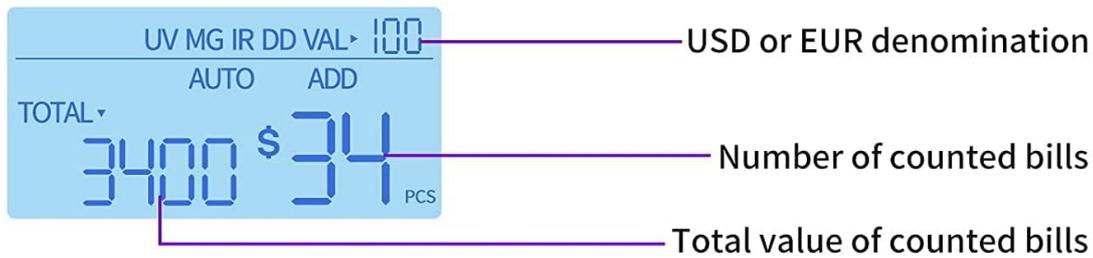


Image: This image highlights the portability of the Aneken Money Counter AL-1000 with its hidden handle, and emphasizes its high counting speed of over 1000 bills per minute, showcasing its efficiency.

4.2 Multiple Operating Modes

The Aneken Money Counter offers several modes for versatile cash handling:

MULTIPLE OPERATING MODES



Value count mode can calculate the total value of Dollar or Euro



Image: A close-up of the Aneken Money Counter AL-1000's LCD display and control panel, detailing the various operating modes such as Value, Add, Batch, and currency selection (USD/EUR), illustrating its user-friendly interface.

- **Value Count Mode:** Press the "VALUE" button. This mode calculates the total value of the bills. Note that the machine does not automatically recognize the denomination of the bill; you must select the denomination (e.g., USD, EUR) manually.
- **Add Mode:** Press the "ADD/+" button. In this mode, the machine will continuously add the count of each batch to the previous total. This is useful for summing up multiple batches of bills.
- **Batch Mode:** Press the "BATCH" button. You can set a desired number of bills (e.g., 50, 100). The machine will stop counting once the set number is reached, allowing you to create specific batches of bills.
- **Auto/Manual Mode:** Toggle between automatic and manual start modes using the "START/AM" button. In Auto mode, counting begins when bills are placed in the hopper. In Manual mode, you press the button to start.
- **Restart/Clear:** The "RESTART/AM" button also functions to clear the current count and restart the operation.
- **Currency Selection (USD/EUR):** Use the "CUR" button to switch between supported currencies like USD and EUR for value counting.

4.3 Counterfeit Detection

The AL-1000 is equipped with multiple detection methods to identify counterfeit bills:

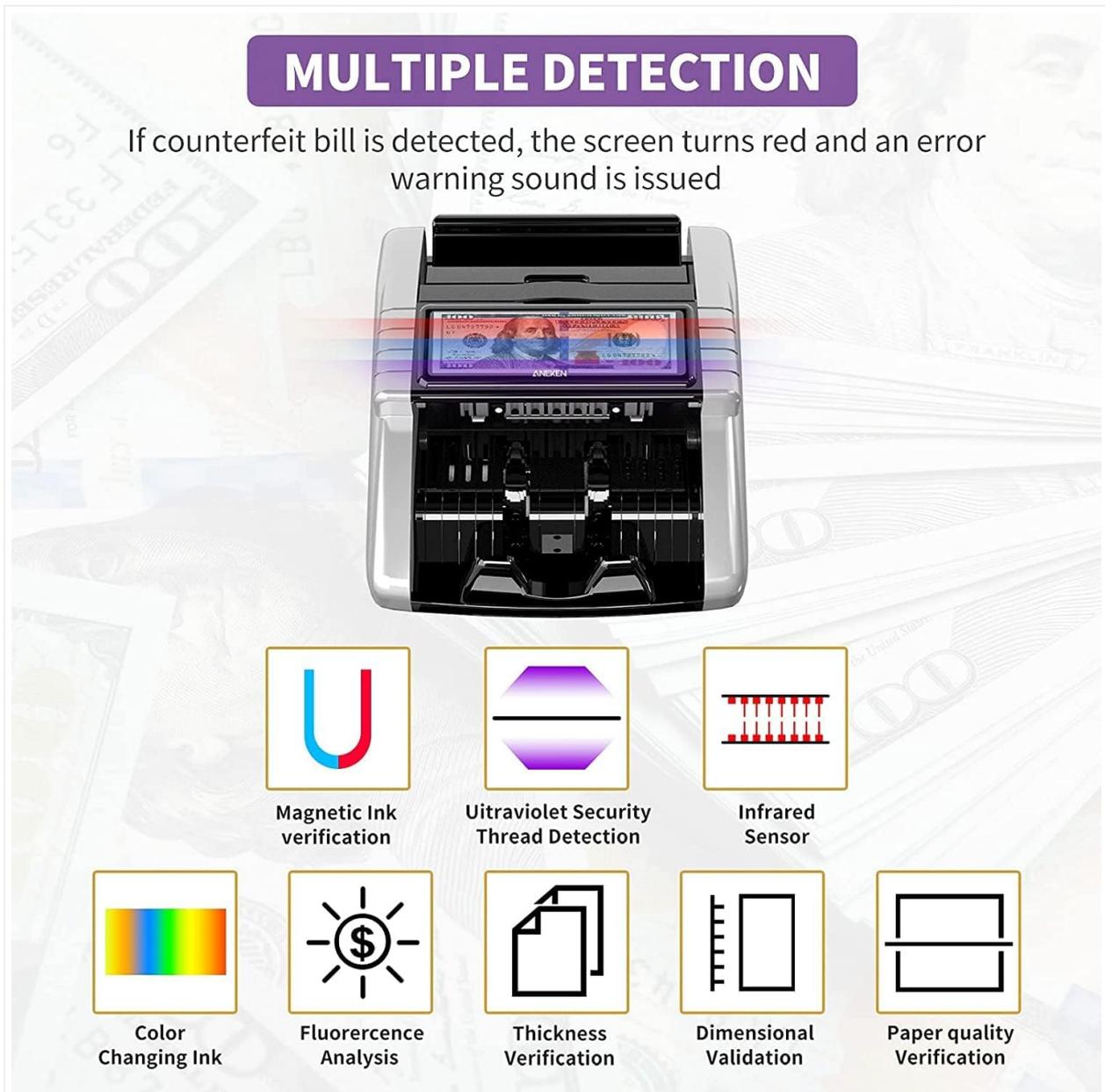


Image: This graphic illustrates the Aneken Money Counter AL-1000's comprehensive counterfeit detection capabilities, including UV, MG, and IR scanning, and how it alerts the user with a red screen and alarm upon detecting a suspicious bill.

- **UV (Ultraviolet) Detection:** Checks for UV security threads and features.
- **MG (Magnetic) Detection:** Verifies magnetic ink patterns.
- **IR (Infrared) Detection:** Scans for infrared security features.
- **DD (Dimension Detection):** Checks for correct bill dimensions.
- **DBL (Double Bill Detection):** Identifies if two bills are stuck together.
- **HLF (Half Note Detection):** Detects torn or half bills.
- **CHN (Chain Note Detection):** Identifies bills that are chained together.

If a counterfeit, broken, non-magnetic, or improperly sized bill is detected, the LCD display will turn red, and an audible alarm will sound, indicating an error. Remove the suspicious bill and re-count the stack.

5. MAINTENANCE

Regular maintenance ensures the longevity and accuracy of your money counter:

- **Cleaning:** Use the provided dust brush to regularly clean the bill pathways, sensors, and internal components. Dust and debris can affect counting accuracy and detection capabilities. Ensure the machine is powered off and unplugged before cleaning.
- **Adjusting Screw:** If you experience frequent jams or misfeeds, the adjusting screw (located on the top rear of the machine, as shown in the components diagram) can be used to fine-tune the gap for bill feeding. Turn clockwise to tighten (for thinner bills or fewer jams) and counter-clockwise to loosen (for thicker bills or if bills are not feeding). Adjust incrementally and test.
- **Storage:** When not in use for extended periods, store the money counter in a dry, cool place, away from direct sunlight and excessive dust.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Machine displays error code / Red screen and alarm	Counterfeit bill detected, broken/torn bill, non-magnetic bill, bill not standard size, double bill, chained bill.	Remove the suspicious bill from the stack. Press "RESTART/AM" to clear the error and re-count. Inspect bills for damage or authenticity.
Bills jam frequently	Bills are not neatly stacked, bills are crumpled/folded, dust/debris in the feeding mechanism, incorrect adjusting screw setting.	Ensure bills are flat and neatly stacked in the hopper. Clean the machine regularly with the dust brush. Adjust the adjusting screw incrementally (clockwise to tighten) and test.
Machine does not power on	Power cable not properly connected, power outlet issue.	Check if the power cable is securely connected to both the machine and the power outlet. Try a different power outlet.
Inaccurate counting	Dust/debris on sensors, bills are too worn or sticky, incorrect adjusting screw setting.	Clean all sensors and bill pathways. Ensure bills are in good condition. Adjust the adjusting screw.

7. SPECIFICATIONS

Feature	Detail
Brand	Aneken
Model Number	AL-1000
Dimensions (L x W x H)	27.5 x 22.4 x 14.8 cm (10.8 x 8.8 x 5.8 inches)
Weight	4.75 Kilograms
Material	ABS and Metal
Counting Speed	Up to 1000 bills per minute

Feature	Detail
Noise Level	Less than 60 decibels
Detection Methods	UV, MG, IR, DD, DBL, HLF, CHN
Supported Currencies	USD, EUR (for value counting)

8. WARRANTY AND SUPPORT

Aneken provides comprehensive support for your money counter:

- **Lifetime Technical Support:** We offer lifetime technical support for the Aneken Money Counter AL-1000.
- **Contact Us:** If you have any questions, require assistance, or encounter issues not covered in this manual, please do not hesitate to contact our support team. We are committed to responding and providing the best service within 12 hours.
- **Spare Parts Availability:** Spare parts are available for 1 year.

For your privacy and security, there is no information about the cash counter on the exterior box, ensuring the safety of your cash business.