

CASHTEK N10

CASHTEK N10 Money Counter Machine User Manual

Mixed Denomination and 58mm Thermal POS Receipt Printer

1. INTRODUCTION

Thank you for choosing the CASHTEK N10 Money Counter Machine. This device is designed for efficient and accurate counting of mixed denomination banknotes, featuring advanced counterfeit detection and an integrated 58mm thermal POS receipt printer. This manual provides essential information for the safe and effective operation and maintenance of your machine.

2. SAFETY INFORMATION

- Always connect the machine to a grounded power outlet with the correct voltage.
- Do not operate the machine with wet hands or in damp environments.
- Keep the machine away from direct sunlight, high temperatures, and excessive dust.
- Do not attempt to disassemble or repair the machine yourself. Refer to qualified service personnel.
- Ensure no foreign objects are inserted into the machine's openings.
- Unplug the machine before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- CASHTEK N10 Money Counter Machine
- 58mm Thermal POS Receipt Printer
- External Display
- Power Cord
- USB Cable (for printer connection)
- Cleaning Brush



Image: The CASHTEK N10 Money Counter Machine, accompanied by its external display unit and the 58mm thermal POS receipt printer, demonstrating the complete system setup.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of the N10 Money Counter Machine and its accessories.

4.1 Money Counter Machine

- **Hopper:** Where banknotes are placed for counting.
- **Stacker:** Where counted banknotes are collected.
- **Control Panel:** Buttons and TFT screen for operation and display.

- **Sensors:** UV, MG, IR, RGB for counterfeit detection.
- **Rear Cover:** Opens for easy cleaning and maintenance.



Image: Close-up of the N10 Money Counter Machine's control panel and TFT screen, highlighting the display of counting details, currency identification, and operational modes.

4.2 58mm Thermal POS Receipt Printer

- **Paper Roll Compartment:** For loading thermal paper rolls.
- **Print Head:** Generates thermal receipts.
- **USB Port:** For connection to the money counter.



Image: The 58mm Thermal POS Receipt Printer, showing its dimensions and included accessories such as the power cord, USB cables, and a sample thermal paper roll.

5. SETUP

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Placement:** Place the money counter on a stable, flat surface, ensuring adequate ventilation.
3. **Power Connection:**
 - Connect the power cord to the money counter's power input.
 - Plug the other end of the power cord into a grounded electrical outlet.
4. **External Display Connection:**

- Connect the external display cable to the designated port on the money counter.

5. **Printer Connection:**

- Connect the USB cable from the printer to the USB port on the money counter.
- Ensure the printer is also connected to its power source if it has a separate one (refer to printer manual if applicable).

6. **Loading Thermal Paper (Printer):**

- Open the printer's paper roll compartment.
- Insert a 58mm thermal paper roll, ensuring the paper feeds out from the top.
- Close the compartment, leaving a small amount of paper protruding.

7. **Power On:** Press the power button on the money counter. The machine will perform a self-test.

6. OPERATING INSTRUCTIONS

The N10 offers various counting modes to suit different needs.

6.1 Mixed Denomination Value Count (USD)

This mode counts the total value of mixed US dollar denominations and provides a detailed breakdown.

1. Ensure the machine is in "VALUE" mode (indicated on the screen). If not, press the "MODE" button until "VALUE" is selected.
2. Place a stack of mixed US dollar banknotes neatly into the hopper.
3. The machine will automatically start counting (if in Auto mode) or wait for you to press "START" (if in Manual mode).
4. The screen will display the total value, quantity of notes, and a breakdown by denomination.
5. To print the results, press the "PRINT" button.

EASY



Image: A user confidently operating the N10 money counter, demonstrating the ease of use for handling banknotes.

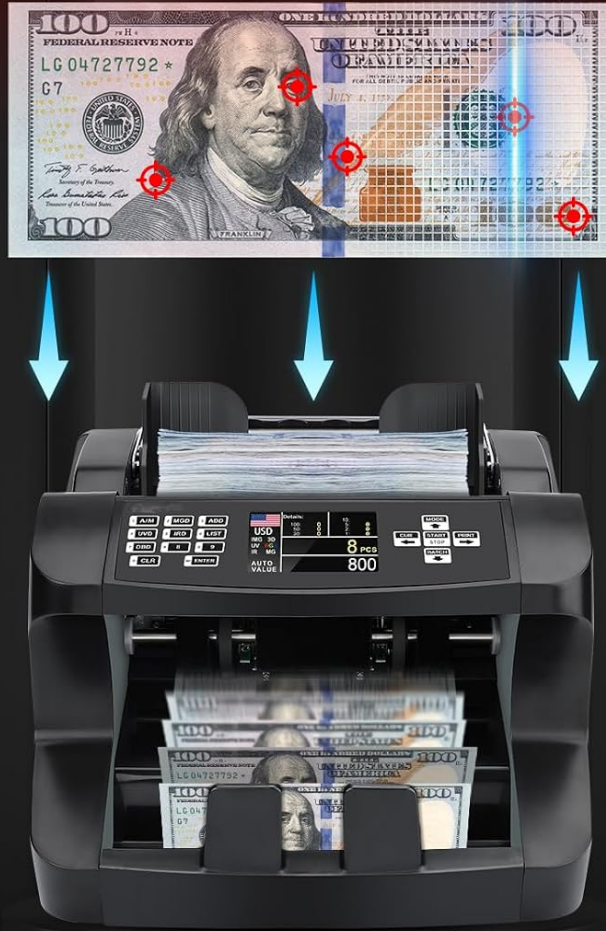
6.2 Counterfeit Detection

The N10 utilizes multiple detection methods to identify counterfeit banknotes.

- **UV (Ultraviolet) Detection:** Checks for UV features on banknotes.
- **MG (Magnetic) Detection:** Verifies magnetic ink patterns.
- **IR (Infrared) Detection:** Scans for infrared security features.
- **RGB (Color) Detection:** Analyzes color spectrum and dimensional properties.

If a suspicious banknote is detected, the machine will stop, display an error code, and the suspect note will remain in the stacker or be diverted (depending on model features). Remove the suspect note and press "START" to resume counting.

Precise & Complete Counterfeit Detection



UV detection



MG detection



Infrared reflection
detection



RGB 3 light source

Image: A visual representation illustrating the precise and complete counterfeit detection capabilities of the N10, including UV, MG, Infrared reflection, and RGB 3 light source detection.

6.3 Sorting Mode (Single Denomination)

In sorting mode, the machine identifies the first banknote's denomination and stops if a different denomination is encountered.

1. Select "SORT" mode from the control panel.
2. Place a stack of mixed banknotes into the hopper.
3. The machine will count notes of the first recognized denomination.
4. If a different denomination is detected, the machine will stop. Remove the non-matching note and press "START" to continue.

6.4 Other Counting Modes

- **Piece Counting:** Counts the number of notes regardless of denomination.

- **Accumulation (ADD):** Adds the count of multiple batches together.
- **Batch (BATCH):** Stops counting when a preset number of notes is reached.
- **Auto/Manual:** Toggles between automatic start upon note placement or manual start via button press.

Refer to the control panel and screen indicators to select and operate these modes.

7. MAINTENANCE

Regular cleaning ensures optimal performance and longevity of your money counter.

1. **Power Off and Unplug:** Always turn off and unplug the machine before cleaning.
2. **Dust Removal:** Use the provided cleaning brush or a soft, dry cloth to remove dust from the hopper, stacker, and sensor areas.
3. **Sensor Cleaning:** Gently wipe the UV, MG, and IR sensors with a soft, lint-free cloth. For stubborn dirt, a small amount of isopropyl alcohol can be used on the cloth.
4. **Internal Cleaning:** Open the rear cover of the machine to access internal components. Use the cleaning brush to remove any accumulated dust or paper fibers.
5. **Printer Cleaning:** Clean the thermal print head with a specialized thermal print head cleaning pen or a lint-free cloth with isopropyl alcohol.



Image: The N10 money counter demonstrating its easy cleaning feature, with the rear cover open to show internal access for maintenance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not connected; power outlet issue.	Check power cord connection; try a different outlet.
Notes jam frequently.	Notes are wrinkled/torn; dust in counting path; improper note placement.	Smooth out notes; clean the machine; ensure notes are neatly stacked.
Counterfeit detection errors.	Sensors are dirty; software needs update; genuine note is worn.	Clean sensors; contact support for software updates; try the note again.

Problem	Possible Cause	Solution
Inaccurate counting.	Dust on sensors; notes are not properly aligned.	Clean sensors; ensure notes are flat and aligned in the hopper.
Printer not printing.	No paper; paper loaded incorrectly; USB cable disconnected; printer power off.	Load paper correctly; check USB connection; ensure printer is powered on.

9. SPECIFICATIONS

- **Model:** CASHTEK N10
- **Counting Speed:** (Typical, varies by mode)
- **Hopper Capacity:** (Typical)
- **Stacker Capacity:** (Typical)
- **Detection Methods:** UV, MG, IR, RGB
- **Supported Currencies:** US Dollar (Mixed Denomination Value Count)
- **Display:** TFT Screen
- **Printer Type:** 58mm Thermal POS Receipt Printer
- **Power Supply:** AC 100-240V, 50/60Hz
- **Dimensions:** (Approximate)
- **Weight:** (Approximate)

Note: Specific values for counting speed, capacities, dimensions, and weight can be found on the product packaging or official product page.

10. WARRANTY AND SUPPORT

CASHTEK provides comprehensive support for your N10 Money Counter Machine.

- **Quality Protection:** Two-year quality protection from the date of purchase.
- **Technical Support:** Lifetime technical support is available for all product-related inquiries.
- **Software Upgrades:** Lifetime software upgrades for new version bills to ensure continued accuracy and compatibility.

For technical assistance, warranty claims, or software updates, please contact CASHTEK customer service through the contact information provided on our official website or your purchase platform.
Please retain your proof of purchase for warranty purposes.

