

NUCOUN NC-5

NUCOUN NC-5 Money Counter Machine User Manual

MODEL: NC-5

1. Introduction

The NUCOUN NC-5 Money Counter Machine is designed for efficient and accurate counting of banknotes. It features multiple counting modes and advanced counterfeit detection capabilities to ensure the integrity of your cash handling processes. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to help you maximize the performance and lifespan of your device.

2. Safety Instructions

- Read all instructions before operating the machine.
- Keep the machine away from water or other liquids.
- Do not open the machine casing; refer servicing to qualified personnel.
- Use only the provided power adapter.
- Ensure proper ventilation around the machine during operation.

3. Package Contents

Verify that all items are present in the package:

- NUCOUN NC-5 Money Counter Machine
- Power Cable
- Cleaning Brush
- Quick Manual

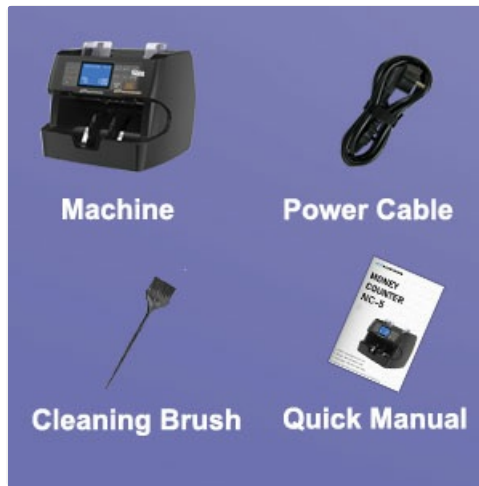


Figure 3.1: Package Contents

4. Product Overview

The NUCOUN NC-5 features a user-friendly interface with a 3.5-inch LED display and a comprehensive control panel.



Figure 4.1: NUCOUN NC-5 Money Counter Machine

Control Panel and Display

Simple operation and clear display

3.5-INCH LED SCREEN + 10 NUMERIC KEYS + 9 FUNCTION KEYS



Figure 4.2: Control Panel and LED Display

- **3.5-inch LED Display:** Provides clear visibility of counting results and operational status.
- **10 Numeric Keys:** For inputting batch numbers and other numerical settings.
- **9 Function Keys:** For switching between various counting modes and settings.

5. Setup

1. **Unpack:** Carefully remove the money counter from its packaging.
2. **Placement:** Place the machine on a stable, flat surface.
3. **Power Connection:** Connect the power cable to the machine and then to a suitable power outlet.
4. **Power On:** Press the power button to turn on the machine.

6. Operating Instructions

This section details the various counting modes and features of the NC-5 Money Counter Machine.

Video Demonstration: NC-5 Money Counter Features

Video 6.1: This video provides a comprehensive demonstration of the NUCOUN NC-5 Money Counter Machine's key features,

including initial setup, counterfeit detection, value counting, batch counting, add mode functionality, connecting to a thermal printer, and proper banknote placement for optimal performance.

6.1. Note Compatibility

The NC-5 is designed to count both paper and polymer banknotes, including currencies like the Canadian dollar and Mexican peso, making it suitable for North American customers.

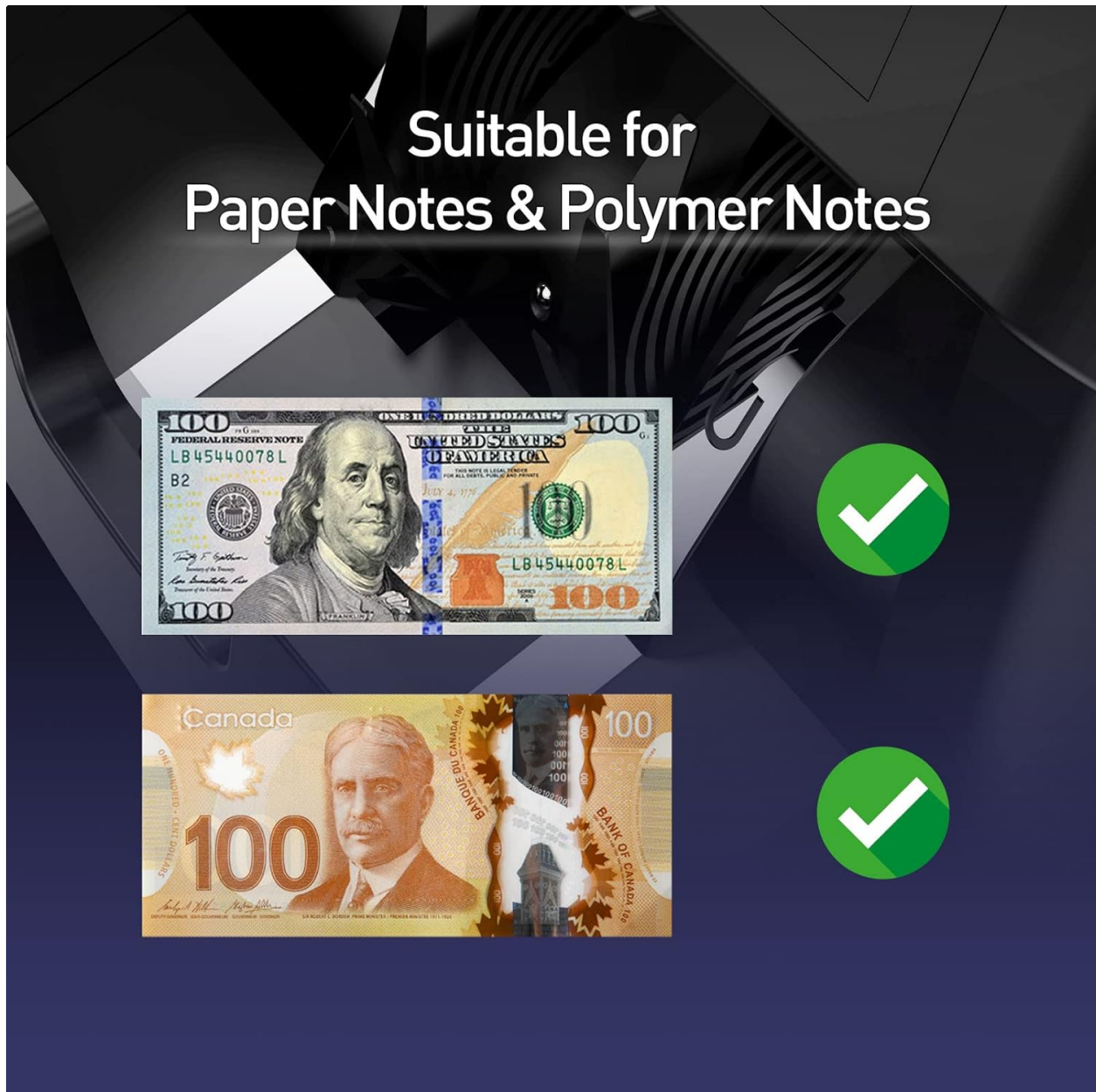


Figure 6.1.1: Paper and Polymer Banknote Compatibility

6.2. Counterfeit Detection

The machine incorporates multiple detection methods to identify suspicious bills:

- **UV (Ultraviolet) Detection:** Checks for UV security features on banknotes.
- **MG (Magnetic) Detection:** Verifies magnetic ink patterns.
- **IR (Infrared) Detection:** Scans for infrared security marks.
- **DD (Dimensional Detection):** Checks for correct bill size and thickness.

If a suspicious bill is detected, the machine will emit a sound alarm and display a warning message on the LED screen.

Powerful counterfeit detection capacity

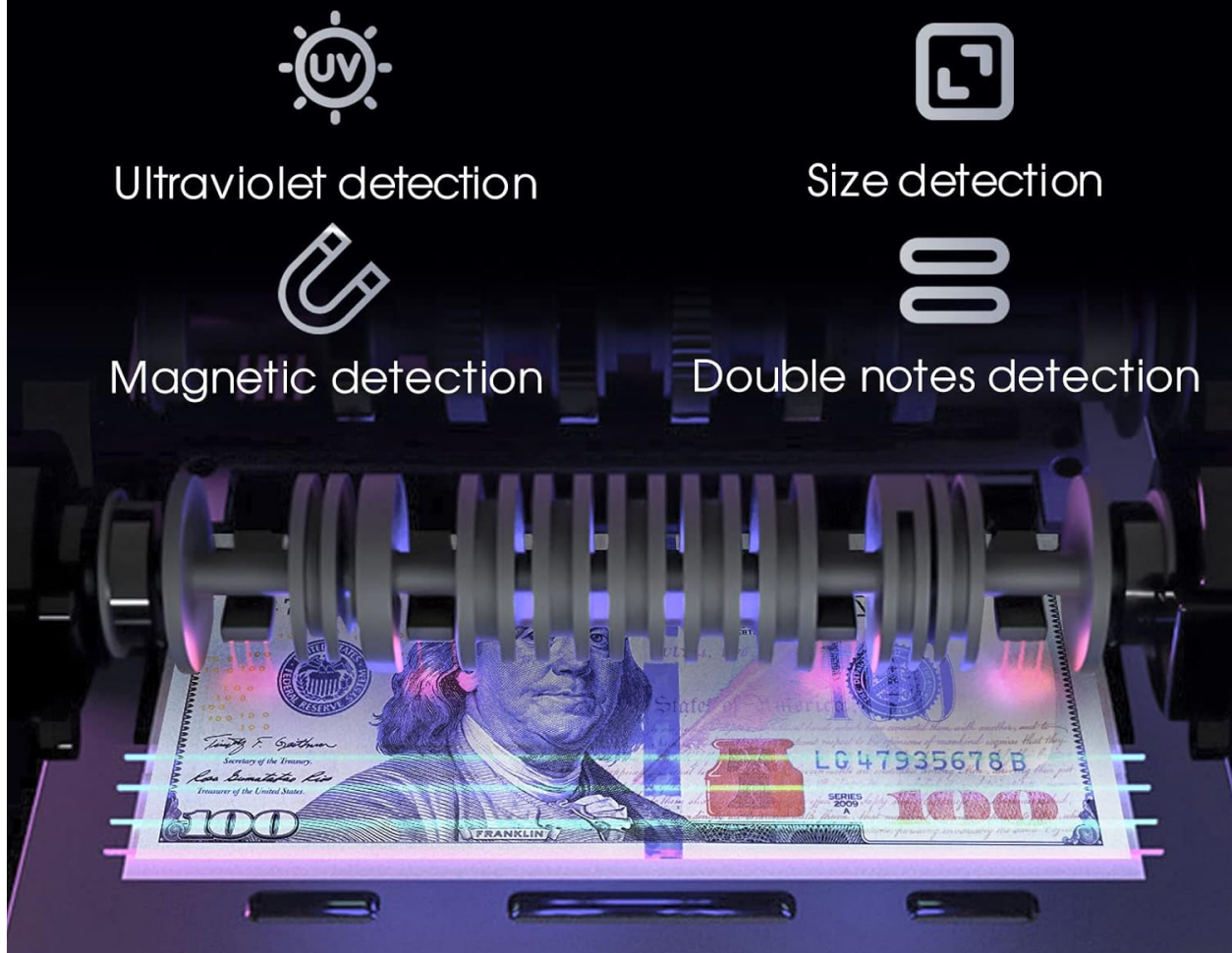


Figure 6.2.1: Counterfeit Detection Capabilities

6.3. Single Denomination Value Counting

This machine is designed for single denomination value counting, meaning it does not recognize mixed denominations automatically. To count the value of a specific denomination:

1. Press the '**Denom**' button to select the desired denomination (e.g., \$10, \$20, \$100).
2. Feed the banknotes of that specific denomination into the hopper. The machine will count the number of bills and calculate the total value based on the selected denomination.

6.4. Add Mode

In Add mode, the machine accumulates the total count of bills across multiple batches. This is useful for counting large volumes of cash that exceed the hopper capacity or for combining counts from different stacks.



View the details of multiple denominations when ADD is activated

Figure 6.4.1: Add Mode Display

6.5. Batch Mode

Batch mode allows you to set a desired number of bills for each batch. The machine will stop counting once the preset number is reached, enabling easy bundling of banknotes.

1. Press the **'Batch'** button.
2. Use the numeric keys to input the desired batch number (e.g., 10, 20, 50).
3. Feed the banknotes. The machine will pause after counting the set batch quantity.

6.6. Speed Selection

The NC-5 offers three counting speeds to optimize efficiency based on your needs.



Figure 6.6.1: Counting Speeds

1. Press the '**Speed**' button to cycle through the available counting speeds.
2. Select the speed that best suits the condition of the banknotes and your counting volume.

6.7. Connecting to a Printer or PC

The counting data can be outputted for record-keeping or further analysis:

- **Printer Connection:** Connect a thermal printer to the machine to print counting details directly.
- **PC Connection:** Use the provided special PC software to output counting data to a computer. The default baud rate of the machine is 115200.

Currency : USD		
DENOM.	QTY	AMT
100	11	1100
50	2	100
20	4	80
10	5	50
5	10	50
2	0	0
1	1	1
Total:	33	1381

23-04-2021 10:39:14

Can be connected to printer/PC to output counting details



Figure 6.7.1: Printer and PC Connectivity

7. Maintenance

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

7.1. Cleaning

The entire passage of the machine can be opened from the rear side for convenient internal cleaning. Use the provided cleaning brush to remove dust and debris from sensors and rollers.



Figure 7.1.1: Open Passage for Cleaning

7.2. General Care

- Keep the machine in a clean, dry environment.
- Avoid exposing the machine to direct sunlight or extreme temperatures.
- Do not use abrasive cleaners or solvents on the machine's surface.

8. Troubleshooting

This section addresses common issues you might encounter with the NC-5 Money Counter Machine.

Problem	Possible Cause	Solution
Machine does not power on	Power cable not connected; Power outlet faulty	Check power cable connection; Try a different outlet
Bills are not feeding smoothly	Dust/debris on rollers; Worn rollers; Improper bill placement	Clean rollers with brush; Ensure bills are neatly stacked and aligned; Contact support if rollers are worn
Counterfeit detection errors	Sensors are dirty; Bills are damaged or very old; Actual counterfeit bill	Clean sensors; Try counting new bills; Verify suspicious bills manually
Incorrect count results	Bills are stuck together; Sensors are dirty; Improper bill placement	Fan out bills before placing in hopper; Clean sensors; Ensure bills are neatly stacked and aligned

9. Specifications

Feature	Detail
Brand	NUCOUN
Model Number	NC-5
Item Weight	14.92 pounds

Feature	Detail
Product Dimensions	11.42 x 9.65 x 9.84 inches
Material Type	Polycarbonate
Display	3.5 inch LED Display
Counterfeit Detection	UV, MG, IR, DD
Noise Level	Less than 75dB
Connectivity	Printer, PC (Baud Rate: 115200)

10. Warranty and Support

NUCOUN provides comprehensive support for your NC-5 Money Counter Machine:

- **Quality Protection:** Two years of quality protection from the date of purchase.
- **Technical Support:** Lifetime technical support for the bill counter.
- **Dedicated Support Team:** A dedicated US-based support team is available to answer questions within 12 hours.



Figure 10.1: Two-Year Quality Protection



Figure 10.2: Dedicated Support