ENGINDOT ENGiNDOT

ENGiNDOT Money Counter Machine User Manual

Model: ENGiNDOT

1. Introduction

The ENGiNDOT Money Counter Machine is designed for efficient and accurate bill counting, equipped with advanced counterfeit detection technologies. This manual provides detailed instructions to help you set up, operate, and maintain your money counter for optimal performance and longevity. Its portable design and robust features make it ideal for various business and personal uses.

Figure 1.1: ENGiNDOT Money Counter Machine with external display.

2. Product Features

- **High-Speed Counting:** Counts up to 1000 bills per minute.
- **Multiple Counterfeit Detections:** Includes UV (Ultraviolet), MG (Magnetic), IR (Infrared), DBL (Double-note), HLF (Half-note), CHN (Chain-note), and DD (Dimensional) detection.
- **Large LED Display:** Clear and easy-to-read display for various counting modes.
- **Portable Design:** Features a durable metal handle for easy transport.
- **Large Capacity:** Feeds up to 200 banknotes at a time.

Figure 2.1: The money counter features a durable metal handle and can hold up to 200 banknotes.

3. Setup Guide

3.1 Component Identification

Familiarize yourself with the main components of your money counter:

Figure 3.1: Key components of the money counter, including hopper, LCD display, impeller, stacker, front platform, adjusting screw, power switch, cooling system, external display outlet, power input, and fuse.

3.2 Initial Setup

1. **Unpack:** Carefully remove the money counter and all accessories from the packaging.
2. **Placement:** Place the machine on a stable, flat surface.
3. **Power Connection:** Connect the power cord to the machine's power input and then to a suitable power outlet.
4. **External Display (Optional):** If using the external display, connect its cable to the external display outlet on the back of the machine.

Figure 3.2: Included accessories such as external display, power cord, rubber ring, money bonds, brush, and counterfeit pen.

4. Operating Instructions

4.1 Basic Operation

1. **Power On:** Flip the power switch located on the back of the machine. The display will light up.
2. **Prepare Bills:** Ensure bills are neatly stacked and free from folds, tears, or foreign objects.
3. **Load Bills:** Place the stack of bills into the hopper. The machine will automatically start counting in most modes.

Figure 4.1: Proper bill insertion for smooth and accurate counting.

4.2 Operating Modes

The machine offers several working modes for different counting needs:

- **Count Mode:** Simply counts the number of bills.
- **ADD Mode:** Adds the count of current bills to the previous count.
- **Batch Mode:** Counts bills in preset batches (e.g., 100 bills).
- **Auto Mode:** Automatically starts counting when bills are placed in the hopper.
- **Reset Mode:** Clears the current count.
- **Clear Mode:** Clears the current count and resets the machine.

Figure 4.2: The large LCD screen displays various working modes for easy operation.

4.3 Counterfeit Detection

The ENGiNDOT Money Counter Machine employs multiple detection methods to identify counterfeit currency:

- **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.
- **DBL (Double-note) Detection:** Identifies if two bills are stuck together.
- **HLF (Half-note) Detection:** Detects torn or half bills.
- **CHN (Chain-note) Detection:** Recognizes bills that are chained together.
- **DD (Dimensional) Detection:** Checks for variations in bill width.

Figure 4.3: The machine utilizes multiple professional detection methods for comprehensive counterfeit identification.

5. Maintenance

Regular cleaning and maintenance are crucial for the optimal performance and longevity of your money counter.

5.1 Cleaning

Dust and debris can accumulate inside the machine, affecting its accuracy. It is recommended to clean the machine regularly, especially the sensors.

1. **Power Off:** Always turn off and unplug the machine before cleaning.
2. **Use a Soft Brush:** Use the provided brush or a soft, dry brush to gently remove dust from the hopper, stacker, and sensor areas.
3. **Compressed Air:** For hard-to-reach areas, use compressed air to blow out dust.
4. **Wipe Exterior:** Use a soft, damp cloth to wipe the exterior of the machine. Do not use abrasive cleaners or solvents.

Figure 5.1: Use the provided brush for easy cleaning of the machine's internal components.

6. Troubleshooting

If you encounter issues with your money counter, refer to the common error codes and solutions below. Many operational problems are caused by dust and dirt inside the machine, requiring regular cleaning.

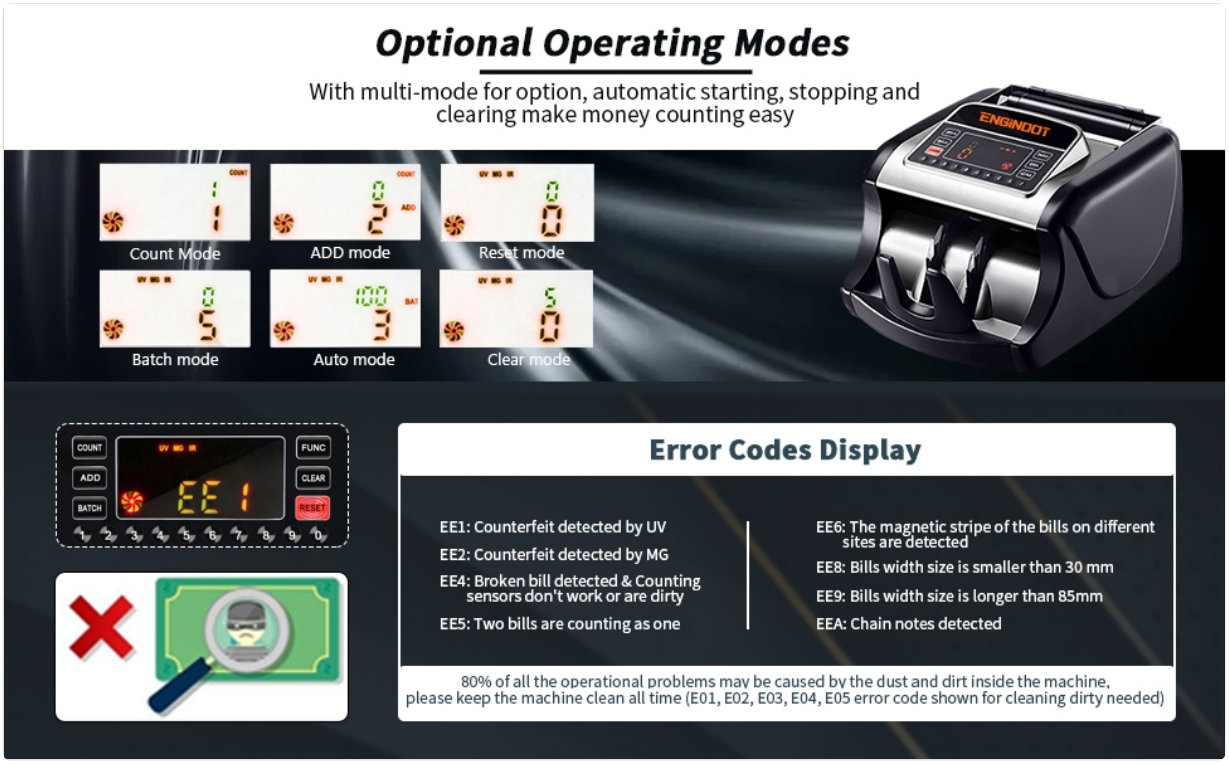


Figure 6.1: Common error codes displayed on the machine's screen.

Error Code	Description	Possible Solution
EE1	Counterfeit detected by UV	Remove the suspected bill and re-count. Ensure UV sensors are clean.
EE2	Counterfeit detected by MG	Remove the suspected bill and re-count. Ensure MG sensors are clean.

Error Code	Description	Possible Solution
EE4	Broken bill detected & Counting sensors don't work or are dirty	Remove broken bills. Clean all counting sensors thoroughly.
EE5	Two bills are counting as one	Re-stack bills neatly. Adjust bill guides. Clean sensors.
EE6	The magnetic stripe of the bills on different sites are detected	Ensure bills are properly aligned. Clean MG sensors.
EE8	Bills width is smaller than 30 mm	Remove non-standard sized bills.
EE9	Bills width is longer than 85mm	Remove non-standard sized bills.
EEA	Chain notes detected	Separate chained bills. Ensure bills are not stuck together.

General Tip: 80% of all operational problems may be caused by dust and dirt inside the machine. Please keep the machine clean at all times.

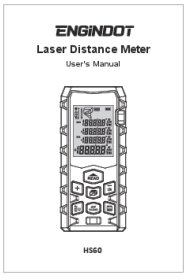
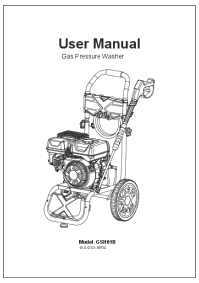
7. Specifications

Specification	Value
Manufacturer	ENGiNDOT
Brand	ENGINDOT
Item Weight	13.95 pounds
Product Dimensions	13.4 x 12 x 9 inches
Item Model Number	ENGiNDOT
Color	Black
Size	13.4"(L) x 12"(W) x 9"(H)
Manufacturer Part Number	ENGiNDOT
Date First Available	November 18, 2021

8. Warranty and Support

For detailed warranty information and customer support, please refer to the official user manual provided with your product or visit the ENGiNDOT brand store on Amazon.
Official User Manual (PDF): Download Here
ENGiNDOT Store: Visit the ENGiNDOT Store on Amazon

Related Documents - ENGiNDOT

	ENGINDOT MMC01 Money Counter User Manual and Warranty Information User manual and warranty details for the ENGINDOT MMC01 money counter, covering features, operation, troubleshooting, cleaning, maintenance, and return procedures. Includes specifications and counterfeit detection methods (UV, MG, IR).
	ENGiNDOT HS60 Laser Distance Meter User's Manual User's manual for the ENGiNDOT HS60 Laser Distance Meter, covering safety regulations, device operation, measurement functions, and technical specifications.
	ENGiNDOT Rotary Tool Accessories Kit User Manual Comprehensive user manual for the ENGiNDOT Rotary Tool Accessories Kit. This guide details compatible rotary tool models (RTD34AC, RTD35ACL, RTD36AC, RTD37AC, RTSL50AC, RTD02DC, RTD03DC, RTH30DC) and provides recommended speed (RPM) settings for various accessories across different materials including cork, hardwood, plastic, steel, aluminum, shell/stone, ceramic, and glass.
	ENGiNDOT GSH01B Gas Pressure Washer User Manual Comprehensive user manual for the ENGiNDOT GSH01B Gas Pressure Washer, covering model overview, safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information.
	ENGiNDOT 20SA Electronic Safe User Manual This user manual provides comprehensive instructions for the ENGiNDOT 20SA electronic safe, covering installation, first-time opening, battery insertion, door operation, code setting, and emergency procedures.
	ENGINDOT TRH01A SDS Rotary Hammer User Manual | Operation & Safety Guide Comprehensive user manual for the ENGINDOT TRH01A SDS Rotary Hammer. Learn about safe operation, technical specifications, maintenance, and troubleshooting for this heavy-duty power tool.