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FOHERE H-A16

FOHERE Professional Bill Counter H-A16 User Manual

Model: H-A16

1. INTRODUCTION

Thank you for choosing the FOHERE Professional Bill Counter H-A16. This device is designed to efficiently count banknotes and detect counterfeits, making cash handling faster and more secure. It is ideal for various environments such as retail stores, banks, businesses, and restaurants. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your bill counter.



Image 1.1: FOHERE Bill Counter H-A16 processing Euro banknotes. The main LCD display shows counting information, and an external display unit is visible on the right.

2. SAFETY INSTRUCTIONS

- Read all instructions before operating the device.
- Keep the device away from water or other liquids to prevent electric shock.
- Do not open the device casing. Refer all servicing to qualified personnel.
- Use only the provided power adapter and cable.
- Ensure the power outlet matches the voltage requirements of the device.
- Unplug the device from the power source before cleaning or when not in use for extended periods.
- Keep hands and loose clothing away from the bill feeding mechanism during operation.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x FOHERE Professional Bill Counter H-A16
- 1 x Power Cable

- 1 x Cleaning Brush
- 1 x External LCD Display
- 1 x User Manual (this document)

Maximieren Sie die Effizienz beim Geldzählen

Zählen Sie Banknoten schneller und genauer als je zuvor.



Zählen Sie schneller und genauer als mit manuellen Methoden.

Hören Sie auf, jeden Tag Zeit mit dem Zählen von Geldnoten zu verschwenden

4. PRODUCT OVERVIEW

The FOHERE H-A16 Bill Counter features a user-friendly design with a clear LCD display and intuitive controls. Key components include:

- **Hopper:** Where bills are loaded for counting.
- **Stacker:** Where counted bills are collected.
- **Control Panel:** Buttons for mode selection, batch settings, and other functions.
- **LCD Display:** Shows counting results, error messages, and mode indicators.
- **External Display Port:** For connecting the included external display.
- **Sensors:** UV, MG, IR, DD for counterfeit detection.

Konstruiert für Effizienz & Langlebigkeit



High-Strength Material

Robuste Konstruktion
für langanhaltende
Zuverlässigkeit.

Benutzerfreun- dliches Design

Ausgestattet mit einem
großen, gut lesbaren
LCD-Display und intuitiv
angeordneten Tasten für
einfache Bedienung.



Verbreiterter Geldschein-Rotor

Verbessertes Rotor-Design
für schnellere und
reibungslosere
Verarbeitung.

Image 4.1: Design features emphasizing efficiency and durability, including high-strength materials, user-friendly controls, and an improved bill rotor.

5. SETUP

1. **Unpack:** Carefully remove the bill counter and all accessories from the packaging.

2. **Placement:** Place the device on a stable, flat, and dry surface, ensuring adequate ventilation.
3. **Power Connection:** Connect the power cable to the device's power input and then plug it into a suitable electrical outlet.
4. **External Display (Optional):** If desired, connect the external LCD display to the designated port on the back of the bill counter.
5. **Power On:** Press the power switch, usually located on the back or side of the machine. The device will perform a self-test, and the display will light up.

6. OPERATING INSTRUCTIONS

The FOHERE H-A16 offers multiple counting modes and advanced counterfeit detection.

6.1 Basic Counting

1. Ensure the machine is powered on and in the default counting mode (usually AUTO).
2. Fan out the bills to prevent them from sticking together.
3. Place the stack of bills neatly into the hopper. Ensure they are aligned correctly and not folded or crumpled.
4. The machine will automatically start counting. The count will be displayed on the LCD screen.
5. Once counting is complete, remove the bills from the stacker.

6.2 Counting Modes

Use the control panel buttons to select different operational modes:

- **AUTO Mode:** The default mode for continuous counting.
- **BATCH Mode:** Allows you to count bills in specific quantities. Press the 'BATCH' button, then use the numeric keys or '+' / '-' buttons to set the desired batch size (e.g., 10, 20, 50, 100). The machine will stop after counting the set number of bills.
- **ADD Mode:** For cumulative counting. Each new count is added to the previous total. Press the 'ADD' button to activate.
- **VALUE Mode:** Calculates the total monetary value of a stack of bills. **Important:** This mode only works accurately for bills of the **same denomination**. Manually separate bills of different denominations and count them individually in this mode. Press the 'VALUE' button and select the denomination.

4 Professionelle Zählmodi

Zählen, Addieren, Stapeln & Gesamt für maximale Effizienz bei der Bargeldbearbeitung



Scheine Zählen



Addiermodus



Stapelnmodus



Wertberechnung



Image 6.1: Illustration of the four professional counting modes: Count, Add, Batch, and Value calculation.

Wertzählmodus



*Bitte zählen Sie immer nur eine Stückelung auf einmal.

ADD-Funktion



Image 6.2: Display in Value Counting Mode, showing the quantity of bills and their total value. Note: Only count one denomination at a time for accurate value calculation.

6.3 Counterfeit Detection

The FOHERE H-A16 is equipped with multiple detection technologies:

- **UV (Ultraviolet):** Detects UV features present in genuine banknotes.

- **MG (Magnetic):** Scans for magnetic ink patterns on bills.
- **IR (Infrared):** Checks for infrared security features.
- **DD (Dimension Detection):** Verifies the physical dimensions of the banknotes.

If a suspicious bill is detected, the machine will automatically stop, display an error message on the screen, and emit an audible alarm. Remove the suspicious bill and press 'RESTART' to continue counting.

4-in-1 Fortgeschrittene Erkennung

Sicherstellung von Echtem Geld



UV
(Ultraviolett)



MG
(Magnetisch)



IR
(Infrarot) Erkennung



DD
Erkennung



7. MAINTENANCE

Regular maintenance ensures the accuracy and longevity of your bill counter.

7.1 Cleaning

- Power Off:** Always turn off and unplug the machine before cleaning.
- Dust Removal:** Use the provided cleaning brush or a soft, dry cloth to gently remove dust and debris from the hopper, stacker, and internal sensors.
- Sensor Cleaning:** Pay special attention to the UV, MG, and IR sensors. Accumulated dust can affect detection accuracy. Use a soft, lint-free cloth, possibly lightly dampened with isopropyl alcohol, to clean the sensor surfaces. Ensure they are completely dry before powering on.
- Exterior:** Wipe the exterior of the machine with a soft, dry cloth. Do not use abrasive cleaners or solvents.

7.2 Storage

When not in use for extended periods, store the bill counter in a clean, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Machine does not power on	Power cable not connected; Power switch off; Power outlet issue	Check power cable connection; Ensure power switch is ON; Try a different power outlet.
Bills jam frequently	Bills not fanned out; Bills are crumpled/folded; Dust on rollers/sensors	Fan out bills before loading; Straighten bills; Clean rollers and sensors as per maintenance section.
Inaccurate counting results	Dust on sensors; Bills not inserted correctly; Worn rollers	Clean all sensors; Re-insert bills properly; Contact support if rollers appear worn.
Counterfeit detection errors	Dust on UV/MG/IR sensors; Bills are heavily worn or damaged	Clean UV, MG, and IR sensors; Try counting the bill manually or with another known genuine bill for comparison.
External display not working	Cable not connected properly; Faulty display unit	Check the connection cable; Test with another external display if available, or contact support.

9. SPECIFICATIONS

Feature	Specification
Brand	FOHERE
Model Number	H-A16
Counting Speed	Up to 1100 bills/minute
Counterfeit Detection	UV (Ultraviolet), MG (Magnetic), IR (Infrared), DD (Dimension Detection)
Hopper Capacity	200 bills
Stacker Capacity	200 bills
Display	LCD, External Display
Product Dimensions (L x W x H)	28 x 23.5 x 16 cm
Item Weight	3.05 Kilograms
Countable Banknote Size	50 x 100 mm to 90 x 170 mm
Power Supply	220V 50Hz
Power Consumption	<80W
Color	White

Sparen Sie Ihre Zeit Schon Sie Ihren Daumen

Steigern Sie die Effizienz beim Zählen von Bargeld und verringern Sie den manuellen Aufwand.

Zählgeschwindigkeit: **>1000 Stück/Minute**

Kapazität des Hoppers: **200 Scheine**

Kapazität des Staplers: **200 Scheine**



Image 9.1: Performance metrics of the FOHERE Bill Counter, including counting speed and capacities.

10. WARRANTY AND SUPPORT

FOHERE products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided with your purchase or contact your retailer. If you encounter any issues or have questions

regarding the operation or maintenance of your FOHERE Professional Bill Counter H-A16, please contact FOHERE customer support for assistance.

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