

OPERATION MANUAL

Money Counter

Professional Manufacturer For Money Counter
And Counterfeit Detector



11. Specification	
Dimension:	320mmx285mmx170mm
Gross weight:	7.0kgs
Net weight:	5.8kgs
Power supply:	AC230V±10%, 50Hz±5%; AC120V±10%, 60Hz±5%; DC85-250V, 50-60Hz
Power consumption:	≤70W
Banknote size:	Min 50mm x 110mm ; Max 90mm x 190mm
Counting speed:	≥1050pcs/ min
Batch range:	1-999
Counting display:	Front color LCD+Side LCD display

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Message	Error	Solution
E01	Problem with the left counting sensor	Clean the sensor or replace it
E02	Problem with the right counting sensor	Clean the sensor or replace it
E03	Problem with the speed sensor	Clean the sensor or replace it
E04	Problem with the auto start sensor	Clean the sensor or replace it
E05	Problem with the preset sensor	Clean the sensor or replace it
E10	Problem with the UV sensor	Clean the sensor or replace it

Generally speaking, most of the above-mentioned problems may be caused by dust or dirt inside of the machine. So keeping the machine clean is highly recommended.

9. Hopper adjustment

---When improper feeding of bills occur, adjust the feeding thickness setting in the hopper by tuning the adjuster wheel located in the back of the machine to ensure proper feeding.
---Rotate towards right to diminish the thickness <see figure 4>

2. Function controls and display---before operation, please be clear which model you have bought

The model with UV/MG1/MG2/IR/DD counterfeit detection

A. "CF" button (Detection function)
B. "AUTO" button
C. "0-9" button (Batch function)
D. "DD" button
E. "BATCH" button
F. "RESET" button
G. "SET" button (Set the parameter)
H. "ADD" button (Addition function)
I. "C" button (Cancel function)
J. "IR" button

Double Detection function (UV and MG)<available for the models with UV detection or the model with both UV and MG detection>

---Used to check double-note

---By default, serving as a supplementary function, the detection can be activated when the unit is powered up.

---If the machine detects a double-note when counting, it will stop and emit beeping sound, while the batch display will show the message "d5" alerting the user of the presence of a double-note. The double-note will always be the last one on the stacker. Remove the dubious bill, press "RESET" button to continue.

Half-note Detection Function <available for the models with UV detection or the model with both UV and MG detection>

---Used to check half-note.

---By default, serving as a supplementary function, the half-note detection can be activated when the unit is powered up.

---If the machine detects a half-note when counting, it will stop and emit beeping sound, while the counting display will show the message "d5" alerting the user of the presence of a half-note bill. The dubious bill will always be the last one on the stacker. Remove the dubious bill, press "RESET" button to continue <the counting display will clear>.

Note: User can resume the original set of sensitivity level by manufacturer. Press "ADD" button for 3 seconds, the display will show "----" which means the sensitivity restores factory setting now.

---To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

---Do not use the unit if the power cord is damaged or if the plug socket contact is loose. Not following those instructions may result in electric shock, fire or other hazards.

---When unplugging the power plug, do not pull it by the cord but rather grip the plug and pull it out, not following those instruction may result in electric shock, fire or damage to the unit.

5. Power up

---Connect the power cord to the machine (power outlet), then plug it to power source and switch the unit on; the unit will conduct a self-check by spanning the feeding roller while the MG and/or UV functions will be automatically turned on by default. The counting display will show "0" when the unit is ready<the machine is in its normal working condition>.

6. Counting function

1-Counting Function

Once the bills are correctly placed in the hopper, the machine will start counting automatically. The number of counted bills will be shown on the counting display. Moreover, once the bills are removed from the stacker, the counting display will be clear and the batch display in turn will show the number of counted bills instead.

Bills should be correctly placed as indicated in the following steps:
Place the bills between the counting guides as shown in the figure1 and figure2. Swiftly, push the bills with a figure<see figure3> to make them rest on the top of the hopper plate, in the correct counting position.



1. Illustration

---Rotate towards left to increase the thickness <see figure 5>

---When the problem is not solved with the adjustment of the wheel, the rubber should be replaced.

---Press the hopper plate to change a new rubber <see figure 6> or you can send the machine to authorized service center.

3. General instruction

To be the latest generation of bill counter, the model is the vanguard of our evolution in bill counting technology. Its compact and stylish design is as remarkable as its integrated electronics and multifunction capabilities. Different from other counters, it employs many new detection methods which other counters don't have. Being improved in many aspects of internal structure which make it quite different from other bill counters, this hi-tech compact counting machine is easy to operate and repair. It is sturdy and utterly reliable and suitable for all kinds of banking industry and store department.

We recommend the user to verify that gift box contains all of the items listed here:

- Machine body
- Operation manual
- Power wire
- Brush
- Fuse
- External display(Optional part)

4. Safety instruction

---Read and understand all of the instructions and warnings both on the machine and in the manual.

---Follow all warnings and instructions marked on the unit.

---This product should be operated only from the type of the power source indicated in the user's guide. If you are not sure of the type of power supply in your location, consult your dealer or local power company.

---Only use the cable provided with the unit. The use of other cable may result in electric shock, fire or bring serious damage to the unit.

---Never push objects of any kind into the unit through case slots, since they may touch dangerous voltage points or short-circuit parts, resulting in a risk of fire or electric shock.

---Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If the liquid has been spilled into the unit.
- If the unit has been exposed to rain or water.
- If the machine has been dropped or the case has been damaged.
- If the product shows a noticeable change in performance.

8. Error message and solution

The batch display may show some error message when counting, which means there are some problems with the machine. Refer to the following diagram to find way to solve it.

Message	Error	Solution
d1	Suspicious bill detected by UV system Problem in the UV system	Remove the suspicious bill from the stacker, press "RESET" to continue;
d2	Suspicious bill detected by MG system; Problem in the MG system.	Remove the suspicious bill from the stacker, press "RESET" to continue; Lower the MG sensitivity.
d3	Double-note detected by IR system Problem in the IR system	Remove the suspicious bill from the stacker, press "RESET" to continue; Lower the IR sensitivity.
d4	Note of size problem detected by size detection system; Problem in the size detection system	Remove the suspicious bill from the stacker, press "RESET" to continue; Lower the size checking sensitivity.
d5	Half-note detected by half-note detection system; Problem in the half-note detection system.	Remove the suspicious bill from the stacker, press "RESET" to continue;
d6	Slope-note detected by Slope-note detection system; Problem in the slope-note detection system.	Remove the suspicious bill from the stacker, press "RESET" to continue.
d7	Chain-note detected by the counting sensor	Remove the suspicious bill from the stacker, press "RESET" to continue;

Note: The counting mode can be changed between Automatic and Manual. When turn on the machine, "AUTO" indicator is on, the machine is in automatic counting mode; press the "AUTO" button, the "AUTO" indicator will be off, the machine is in manual counting mode, under this mode, only pressing the "RESET" button after placing the bills to start counting.

2>Batch Function.

Addition can be performed by pressing the "ADD" button (when the ADD indicator is on). In this case, removing the counted bills from the stack will not clear the quantity counted and shown on the counting display. The next bills placed in the hopper will be counted and added to the preceding quantity. The total amount of added bills will be shown on the counting screen. Press the "ADD" button to close the function and clear the counting display.

3>Batch Function.

---The preset batch function can be performed by pressing the "BATCH" button (the BATCH indicator will appear). By default, when pressing the "BATCH" the batch function is turn on. The batch number can be set in amounts between 1 and 999 by pressing NO."0"-9" button. To clear this function, press the "BATCH" button until the indicator is off.

---Under the batch counting mode, once the hopper is loaded, the machine will start counting and stop when the counted quantity reaches the preset batch one.

---To repeat the batch counting operation under the same preset batch quantity, just remove the counted bill from the stacker. The unit will batch the next group of bills under the same settings.

---If you wish to keep batching without removing the preset number, press the "RESET" button.

---If the counted number does not tally with the preset batch number, the counter display will show the quantity with blinking number.

---When counting with MG and/or UV detection on, the machine will stop automatically when detecting counterfeit currency. This function can be resumed by removing the dubious bill from the stacker and pressing "RESET" button.

7. Counterfeit Detection

UV(Ultraviolet)detection function<available for the model with UV detection or the model with both UV and MG detections>

---Check all kinds of banknotes which contains UV features

---The UV function is automatically turned on by default when the machine is powered up. It can also be selected or deselected by pressing the CF button located in the function console.

---If the machine detects a counterfeit note when counting, it will stop and emit beeping sound, while the batch display will show the message "d1" and the UV indicator will blink (alerting the user the presence of a dubious bill). The dubious bill will always be the last one on the stacker. Remove the dubious bill, press "RESET" button to continue.

---The sensitivity of UV detection can be adjusted. Hold "SET" button for 3 seconds until the batch display shows the current sensitivity level "SE4/120" then press "1" or "1" button to choose the desired sensitivity level (range from 0-200). After choosing of the level, restart the machine to confirm.

MG (Magnetic) detection function<available for the the models with both UV and MG detections>

---Check all kinds of banknotes which contains MG features

---The MG function is automatically turned on by default when the machine is powered up. It can also be selected or deselected by pressing the CF button located in the function console.

---If the machine detects a counterfeit note when counting, it will stop and emit beeping sound, while the batch display will show the message "d2" and the MG indicator will blink (alerting the user the presence of a dubious bill). The dubious bill will always be the last one on the stacker. Remove the dubious bill, press "RESET" button to continue.

---The sensitivity of MG detection can be adjusted. Hold "SET" button for 3 seconds, the counting display will show the current sensitivity level "SE5/5" then press "1" or "1" button to choose the desired sensitivity level (range from 0-50). After choosing of the level, restart the machine to confirm.

Note:hold "SET" button for 3 seconds "SE5" is used to adjust "MG1" sensitivity level, "SE6" is used to adjust "MG2" sensitivity level.