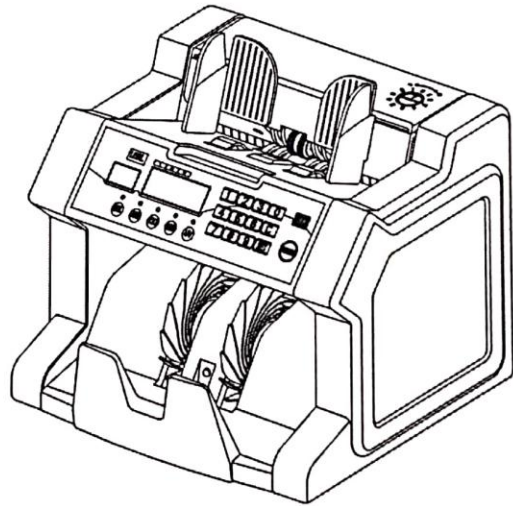


Money Counter  
Operational Manual

WJDKX088B5



# Contents

1 Summary .....	1
2 Operation method .....	2
2.1 Operation preparation .....	2
2.2 Selection of MG sensitivity .....	3
2.3 Confirm the position of note thickness adjustment knob .....	3
2.4 Selection of note-counting way .....	3
2.5 Selection of counterfeit-detection .....	4
3 Error code display and trouble shooting .....	5
4 Common trouble shooting .....	6
5 Main technique parameters .....	8
6 Maintenance and notice .....	9
7 Accessories list .....	9

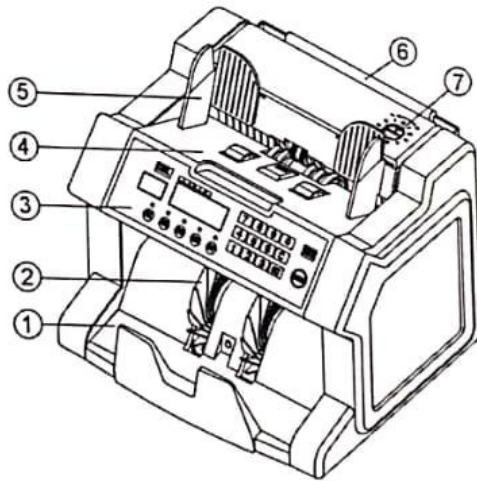
Please read this instructions carefully before you do any operation.

Warning: The power outlet connected of this machine must be in good grounding. And the value of voltage should be within the stated range.

Please shut the power switch and unplug the cable plug before open the back cover or when the machine stops.

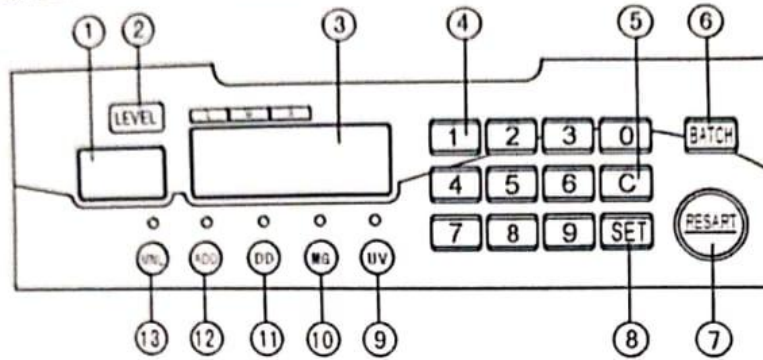
## I .SUMMARY

We're grateful that you choose WJDKX088B5 money counter with counterfeit-detection. The money counter is designed according to new concept of money management. Advanced SCM for control part adopted, face plate switch selects long life 、 thin film switch which is the most fashionable in the world. With handsome exterior 、 advanced function 、 accurate counting and super excellent counterfeit-detection. We believe that the money counter will be better action under your correct operation.



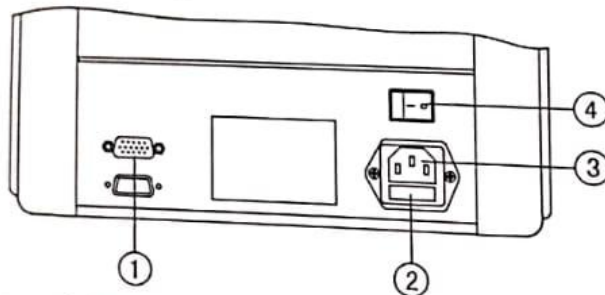
- ① stacker      ② note-receiving vane      ③ control panel  
④ note-feeding table      ⑤ note width adjuster      ⑥ handle  
⑦ note thickness adjuster.

## II. OPERATION METHOD



- 1.Preset display window    2.LEVEL(MG sensitivity adjuster)  
 3.Count display window    4.Number key    5.Clear    6.Preset  
 7.Reset    8.Set    9.UV    10.MG    11.DD    12.ADD  
 13.MNL.

### 2.1 Operation preparation



- ① external display interface    ② safe pipe  
 ③ power socket    ④ power switch

### BACK COVER

- i .Check the voltage if it is used within the stated voltage range.
  - ii .The machine has memory function. Turn off the machine then turn on it, it will keep the advance selected function. If there is any trouble, please refer to the section "error code display and troubleshooting".
- You can do any operation on the machine after finishing above preparation.

### 2.2 Selection of MG sensitivity

"LEVEL" key is for different sensitivity options, there are three levels---L.M and H. among them, L is for lowest, H is for highest. Press the "LEVEL" key continuously, it will change the sensitivity. When the level works, the related indicator will be on.

2.3 Confirm the position of note-thickness adjustment knob

i .During the counting, if the machine often stops and display the symbol of "EA2" or "EA3", you can turn adjustment knob anticlockwise (towards "-").

ii . If note-feeding is not expedite, turn the adjustment knob clockwise (towards "+").

iii. The adjustment range should not be too much each time, and please remember knob position of corresponding diverse note.

2.4 Selection of note-counting way

2.4.1. Counting way

MNL,ADD,DD,MG and UV keys, they mean "manual, accumulation, width, magnetic and UV" separately. Press these keys and make their indicator off, the corresponding function don't work. Then the machine only for counting. Please put the notes onto the hopper plate, the machine will start to count the notes automatically. till all the notes drop. counting number will display on the counting display window. Every time it start to count, all beginning with "0".

2.4.2.ADD/Accumulation way

Press "Add" key and its indicator is on. it will accumulate all the counting number to the last counting and show in the counting display window.

2.4.3 Preset counting way

Press "preset" key, preset display window will show "100", then set the preset number(1~999) through number keys(0~9). Press "C" key to clear the preset number. After finishing preset, the machine will count the notes automatically. When the counting number reaches the preset number, it will stop. If you want to count the same number notes, just take the notes away from stacker, and put notes onto the hopper plate, it will repeat above counting.



F=3, fake notes and abnormal notes, it includes the counting number, no stopping when meeting double sheets, if it's not accurate, it will show "EA2", sounds "Du Du" and clear automatically.

③. When the machine is switched on, SE=3, F=2.

### 2.5.3 External display(option)

There is one interface for external display on back cover. After start, External display will clear automatically and display counting number at the same time.

### 3 Error code display and trouble shooting

After start, the machine will go on self-check automatically. If preset window show the following error code, generally speaking, it is because of dust on the surface or sensor blocked by notes. So please clear the dust on the surface of sensor with brush or soft cloth, or take the notes away. Then restart the machine.

Error code	Trouble position
E01	Left counting sensor
E02	Right counting sensor
E03	Left double-notes sensor
E04	Right double-notes sensor
E05	Note-receiving sensor
E06	Note-feeding sensor
E07	Width sensor
E08	UV sensor

During counting, when preset number window appears error code and the machine stops, please solve it referring to the following methods according to what displays.

Error code	Reason and trouble shooting
EA0	Half sheet. Eliminate the note. Press "reset" and count continuously.
EA1	Different width or different version notes. Press "reset" and count continuously.
EA2	Double-notes. Put the notes( from stacker) onto the note-feeding table again, press "reset" key to count again. If EA2 often appears, please adjust the position of adjustment knob referring to "Confirm the position of note thickness adjustment knob".
EA3	jointed notes. Put the notes from stacker onto note-feeding table again, press "reset" key to count again.
EA4	Jammed notes. Turn off the machine, turn the note-feeding wheel by hand, and take out the note from the machine.
EC4	UV Fake note or questionable note. Eliminate this note, press "reset" and count continuously.

#### 4 Common trouble shooting

Before getting rid of breakdown, you are bound to turn off power switch and unplug the power cord.

##### i .Note-feeding part:

Trouble	Reason	Trouble shooting
Often stops and shows EA2, EA3	The position of note thickness adjustment knob is not correct double- notes or jointed notes come up.	Adjust the adjustment knob counterclockwise (towards "-"), refer to Section 2.3
Note-feeding is not expedite.	The position of note thickness adjustment knob is not correct.	Adjust the adjustment knob clockwise (towards "+"), refer to Section 2.3.

ii. Note-control part

Trouble	Reason	Trouble shooting
Note goes out crowded.	There is worn and rolled note among counted notes.	Eliminate then count again.
	The note is untidy when placing.	Tidy up the notes then place notes

iii. Driving part

Trouble	Reason	Trouble shooting
The main motor and small motor don't run.	Too much dust on the hopper plate sensor or it's broken.	Clean or replace hopper plate sensor.
The main motor runs, but small motor doesn't run.	Small motor's connection cut.	Check every circuit from power to motor and connect it.
	The wire circle of main motor burned or cut off.	Replace new one.
Small motor runs, but main motor doesn't run.	Main motor's connection cut.	Check every circuit from power to motor and connect it.
	The wire circle of small motor burned or cut off.	Replace new one.
After reaching the preset number, it doesn't start after the notes on the stacker were taken away.	Incorrect alignment of light of note-receiving sensor or too much dust on the sensor.	Align the sensor or clean it.



iv. Count display part

Trouble	Reason	Trouble shooting
Counting display window display "0" but not count.	Dust on counting sensor or damaged.	Clean or replace it
	Incorrect alignment of sensor	Adjust the position between two counting sensors, make their light align up and down.
Not display "0" when starts and motor doesn't run.	Power cord cut away or safety pipe burned.	Replace power cord or same spec safety pipe

V. Counterfeit-detection and alarm part

Trouble	Reason	Trouble shooting
Meeting fake notes alarms but not stop	control circuit of motor goes wrong.	Check whether the power board is bad, repair or replace it.
Alarm for real note when UV works.	1.UV for real notes reflects too high.	Lower UV sensitivity.
	2.Real note with white paper has UV reflection.	Remove this kind of notes.
No alarm for fake notes when UV works.	Dust on the surface of sensors	Clean dust with soft brush.
	UV sensitivity is too low.	Adjust the sensitivity a bit higher.
	UV reflection is weak for blackened fake notes..	Increase UV sensitivity or remove this kind of note
	UV tube ages or it doesn't light.	Replace a new tube

## 5. Main technique parameters

Power: single-phase AC100V~240V 50/60Hz( $1 \pm 5\%$ )

Power consumption: <50W

Surroundings temperature of usage: 0~30℃

Counting speed: 1200pcs/min.

Note-feeding size: 110×50~185×90(mm)

Display range: four digits counting display、 three digits preset display

Cubage: 270×250×195mm

Net Weight: 4.6kg

## 6. Maintenance and notice

6.1 In order to make sure count display and person safety, you must install good grounding when to use. Fuse rated value is "2A", not too much.

6.2 Please turn off the machine and unplug the power cord when close every day. To clean the sensors(note-feeding sensor, note-receiving sensor and counting sensors) softly with brush, If meet with trouble, please ask for repairman to check and repair.

6.3 The time between open and close should be over 3 seconds, to avoid the number of display window being disturbed.

## 7. Accessories list

1.instructions	one
2. brush	one
3.power cord	one
4.external display	one

#### 2.4.4 Start ways

Press "MNL" key, "MNL" indicator is on, it means start by hand. After putting the notes onto the hopper plate, please press "restart" key, then it start to count. If the indicator of MNL is off, it will count the notes automatically.

#### 2.5 Selection of counterfeit-detection.

The machine is designed specially for South African Rand(ZAR). It has UV, MG and Width(DD) counterfeit-detection. Press the "Func" key to select counterfeit-detection. If indicator is on, it means the corresponding function works. After turning off the machine, restart the machine, it will keep the advance selection.

##### 2.5.1 Counterfeit-detection

The machine has UV(ultraviolet),MG and DD(Width) counterfeit-detection. During the counting, if meets fake or questionable notes, it will stop right away. And display the alarm code in the preset display window, and send out alarm sound. The first note on the stacker(which face the receiving vane)is fake or questionable.

##### 2.5.2 "set" key function

It can set 5 levels of width sensitivity and 3 counting ways.

①.press "set" key once, preset window shows "SE", and counting window will display "1~5" at the same time. The number(1~5) is for width sensitivity. 5 is for highest, 1 is for lowest. Press number key to set the number directly.

②.Press "set" key twice, preset window shows "F", and counting window will display one number of "1~3". Their meaning as follows:

F=1, fake notes and abnormal notes, it excludes the counting number, start from zero after double sheets stopping.

F=2, fake notes and abnormal notes, it includes the counting number, continuously counting after double sheet stopping.