USER INSTRUCTIONS FOR THE USD COIN COUNTER

Thank you for purchasing the Coin Counter. You purchased a product of outstanding simplicity and quality.

A. Overview

1. Display and Controls
2. Spin Plate
3. Lid
4. Lid Release Button
5. Coin Hopper
6. Coin Drawers (8 ea.)
7. External Power Supply Jack (on back)

B. Unpacking

Unpack the unit carefully and check for obvious damages or broken parts. The unit comes in one piece, there are no accessories. Discard the protective polybag carefully.

Plastic bags are no toys and should be kept away from babies and children.

C. Power Supply

Connect the AC adaptor which power is 12V DC which is fitable for the machine. The working of machine will be invalidated and power way will be damaged if the machine is used by the other AC adaptor.
D. Operation

The coin counter can sort coins into their respective drawers while the unit is switched on.

**Power On**

When you want to count the coins and / or add up their values, press the **ON/OFF** button on the left side of the display. The unit performs a quick self-test and displays “0” to indicate it ready for counting. If you want to start a new count or reset the display, press the **CLEAR** button on the lower right side of the display for more than one second. This time is mandatory to prevent accidental erasure of previous counts.

**Select the display mode**

Pressing the **$/#** button for more than one second changes the display mode as indicated by an LED. The LED’s to the left of the button indicate the mode:

- **$** for Quantity, counts the coins, and displays the total of all coins or subtotals for each denominations
- **#** for giving the value of all the coins counted or subtotals of the values counted for each denomination.

Pressing the **$/#** button for less than a second cycles, through displaying, the total or subtotals for individual denominations. This mode is indicated by a row of LEDs on the bottom of the display. These are:

(a) no LED on the bottom of the display lighted: total number or total value of all coins counted

(b) **$1** LED lighted: total number or total value of the **$1** coins

(c) **€25** LED lighted: total number or total value of the **€25** coins

(d) **€10** LED lighted: total number or total value of the **€10** coins

(f) **€5** LED lighted: total number or total value of the **€5** coins

(g) **€1** LED lighted: total number or total value of the **€1** coins

All the values are updated during counting independent from the display setting. After all coins are processed through the machine, the totals and subtotals can be checked one after the other. There is no need to count individual denominations separately.
Counting the coins

Fill coins into the hopper (5) with all the coins to be sorted and counted. Do not overfill. At any time, you may add more coins or remove sorted coins from the drawers without affecting the totals and subtotals counted so far as long as you do not switch off the machine or reset the machine by pressing the **CLEAR** button.

E. Cleaning

Clean the coin counter with a soft, clean cloth. Do not use any aggressive or abrasive cleaners. After counting a large number of coins or if the machine counts inaccurately, it is necessary to clean the optical counter from accumulated dust, **as the following figure**. To do so, open the lid and use a soft dry brush (similar to the one supplied with the machine) to clean the slot under the protruding block in the 2 o'clock position. The block contains the sensors that determine the size of the coins. Make sure not to apply force here and only use the fine hair of the brush. Never insert any hard objects in the slot. Make sure the black metal disk under the lid (3) is always free of dirt and grease to prevent accumulation of dust under the sensor and to ensure smooth operation.
F. Troubleshooting & Power On Self Test

If the unit is switched on, the electronics undergo a self test. This may result in one of the following error messages:

E-2  Means optical sensor blocked: Switch the unit off, open the machine, remove coins from under the cover and more peculiarly those which are located under the sensor block in the 2 o'clock position and use the fine brush to clean the area under the sensor. Close the lid and switch on again.

E-22 Means sensor problem or power supply problem:
1. Replacing a new sensor
2. Turn off the unit and restart.

Note: It may happen that under certain circumstances the coins move not as smoothly as usual. This is more likely if you count many coins of the same small value. You might want to remove some coins from the feeding slot, but that generally is not necessary. Opening the lid while you are still counting can invalidate the result and require you to count all the coins again.

Note: if you notice that one or more coins (in good condition) experience difficulty entering the counting mechanism, using a stick or pencil, push them towards the feeding slot.

Warning:
Please stop the motor for ten minutes after it continuous working for an hour. Then start to operate again.

Under counting and sorting model status, the machine will stop automatically according to the different denomination when the drawer is full, and the related denomination LED light, please empty the coins of related denomination from the drawer, then press ON/OFF to sort and count continually.