PRO 15

Contents

The portable banknote counter PRO 15 is designed for quick counting of small volumes of various currencies. This manual will help you to easily and quickly get acquainted with the device, its functions, and its capabilities. Please read this manual to ensure proper operation of the device.

- Counting speed . . . . 900 banknote/min
- Stacker capacity . . . . 100 banknote
- Counting mechanism capacity 0-999
- Supply voltage . . . . 6V, Power source adapter 220V/110V, 4 elements AA
- Operating temperature . . . . +10..+40^{0}C (+50..+104^{0}F)
- Net weight . . . . 0.3 kg (0.66lb)
- Overall dimensions . . . . 190x75x102 mm (7 ½"(L) x 2 9/10"(W) x 4"(H))

1 – Stacker cover
2 – Display
3 – Power indicator
4 – Banknote positioning panel
5 – "**START**" button
6 – "**ADD**" button, summation
7 – Counting rollers
8 – Clamp plate
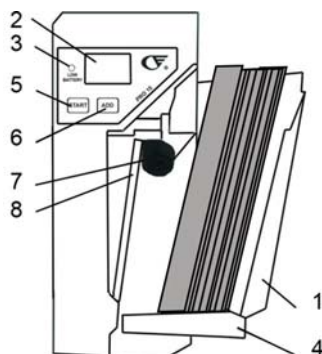
Figure 1

3.1 Connect the device to a power source using supplied adapter or 4 AA batteries.
3.2 Open the stacker cover (Fig. 1-1). Display (Fig. 1-2) will turn on.
3.3 **ATTENTION**! Adjust the banknote position plate to the end as Fig. 2-4.
3.4 To avoid mistakes in counting, sort banknotes and put aside the following:
-with folded or damaged edges
-well-worn or "washed"
-dirty
-torn

3.5 Place banknotes in a stack and insert them parallel to clamp plate (Fig. 1-8) as shown on Fig. 2, holding the clamp plate by forefinger against the guide plate at the end of the stack. The stack of banknotes should be placed against the clamp plate by their end and lay between clamp plate (Fig. 1-8) and counting roller (Fig. 1-7) see Fig. 3. This is the only position that will ensure an accurate count.
3.6 **REMEMBER**! If the banknote is positioned incorrectly, it can result in an incorrect count.
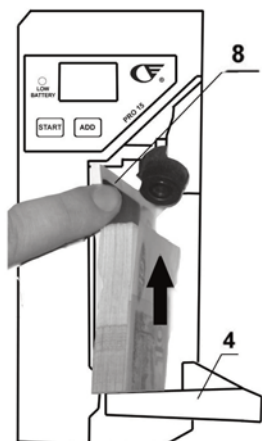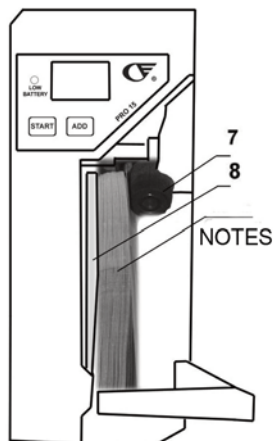

Figure 2

Figure 3

3.6 Press "**START**" button. The counting roller (Fig. 1-7) starts rotating and banknotes are placed onto cover (Fig. 1-1). After counting, the banknotes should be placed evenly on the cover (Fig. 1).
To avoid occasional errors repeat during counting. If a banknote or several banknotes were not counted repeat counting again, see Table 3.4 and Table 3.5.
 3.7 Press "**ADD**" button to add current sum to the previous. However, if there was an error during counting, repeat the count to ensure accuracy. After operations are finished, the counter indicator will switch off automatically after 1 minute. To avoid excessive power consumption, close cover (Fig. 1-1) when not in use.

4   Troubleshooting.

4.1 If counting roller (Fig. 1-7) rotates, but banknotes are not counted, check the correct position of the banknote between clamp plate (Fig. 1-8) and counting roller (Fig. 1-7). See Table3.5.
4.2 If banknotes spread chaotically during counting, check for the correct positioning of the banknote positioning panel (Table 3.3).
4.3 If banknotes are not stacked neatly onto cover (Fig.1-1), check correct position of the banknotes (Table3.5) and repeat counting again.
4.4 If a banknote or several banknotes were not counted, check banknotes (Table 3.5) and their end position (folded and torn edges) see Table 3.4.
4.5 If indicator (Fig. 1-3) does not light up with cover (Fig. 1-1) opened, check power supply.
4.6 If indicator (Fig. 1-3) starts blinking, replace batteries.

4.7 Error codes

Error Code	Reason	Solution
E-0	Low battery.	Install new batteries.
E-1	Lower sensor is dirty or failed.	Clean or replace sensor.
E-2	Upper sensor is dirty or failed	Clean or replace sensor.
E-3	Density level sensor error.	Count banknotes again.

Manufacturer guarantees proper functioning of the device during the warranty period since the date of sale under condition of compliance with maintenance and storage procedures described in this manual. After unpacking the device please keep the package and technical description. Warranties are canceled in the event that the device was not transported in the original packaging or maintenance procedures were violated. Manufacturer is not responsible for device malfunction as a result of improper maintenance, storage and transportation including mechanical failures.

In case of the device failure during the warranty period, the customer has the right to have it repaired in our service center for free. The service center accepts equipment for cleaning due to dust and mud, however cleaning equipment from dust and mud is not included in the warranty and is charged separately.

Warranty service does not include any training for equipment maintenance or other use of the device (connection, testing, customizing, preventive works etc.) which the customer can complete on their own by referencing the attached manual.

Producer is entitled to introduce updated software, not described in the current manual.

Warranty service is not available in the following cases:
-Absence of a warranty card, an incorrectly filed warranty card, or other invalid card
-If operation or maintenance rules mentioned in the manual were violated
-If there is mechanical damage to the equipment
-If there are foreign objects or liquid inside of the device

The present warranty does not apply to lamps, batteries, belts, network adaptors, power units, safety fuses, brushes, parts of the body of the product or any other parts which have a naturally limited period of service including failures caused by power supply failures. Replaced defective parts are to be considered the property of the producer. The owner delivers faulty equipment to the service center at their own expense.