The automatic currency detector PRO CL 200 providing reliable authentication of banknotes.

PRO CL 200 applies technology of the complex analysis of banknotes. Setup of the detector for different currencies of the world is possible.

The detector is easy-to-use, it doesn’t require the knowledge of security features of banknotes. It is equipped with necessary functions for convenient and comfortable work.

PRO CL 200 is intended for use in the points of sales where cash is received and processed.

PRO CL 200 is perfect for universal use on the retail till as well as in the commercial organizations and shops with an average and large sum of the bill; electronics supermarkets, clothing stores and footwear, drugstores, cafe and restaurants, boutiques and design studios, furniture and jewelry salons.

1. **Features**
   - Complex detection system
   - Currency and denomination autodetection
   - Summing up the denominations
   - Detection speed – up to 70 notes/min
   - Audio and light indication
   - Back and forward dispense of the notes
   - Compact dimension
   - Connection to the PC: SW update, showing the results in the screen and possibility to extract them (option)

2. **Overview**
   1. Input tray for the banknotes
   2. Mode indicators of note dispense:
      - forward, back
   3. (X) Button for reset of results and turn on/off the detector
   4. (C) Button to choose the mode of dispense and summing
   5. Showing the quantity of banknotes checked, their denomination and other messages
   6. Port to connect to power supply
   7. USB-port (type B) to connect to the PC
   8. Technological holes for mounting to the wall. Dimensions VESA 75×75 mm, 50×50 mm, fix with self-tapping screws Ø3×10 mm (maximum).

3. **Start of operation**

   **INSTALLATION RULES**

   To install the detector it is necessary to choose plain surfaces. There shouldn’t be sources of bright light, direct sunshine, open fire, water or dust close to it.

   **RULES OF USAGE**

   - You should not use the detector under the influence of bright light, direct sunlight or vibration
   - Use only the adapter delivered together with the equipment
   - If the detector was on cold for a long time, then before use it needs to be withstood in case of indoor temperature and unpacked at least 6 hours
   - Switch off the detector if it is not used for a long time
   - Preserve the machine against moisture
   - Do not allow falling, shocks and jolting of the machine — all this can bring to malfunctions in operation

   **TURN ON**

   By means of the adapter enclosed connect the detector to electrical network of 100-240 V, 50-60 Hz. To switch on the detector press and retain the button (X) during 3 seconds. After self-diagnostics the detector is ready for use.

4. **Using the detector**

   **DETECTION OF BANKNOTES**

   For check the authenticity it is necessary to place the banknote in the input tray, pressing it to the right edge.

   If the banknote is not placed correctly it is detected as suspicious and the display will show the error.
HOW TO PLACE THE BANKNOTE

- Banknote should be straight and without curls
- It is not allowed to place the note at an angle
- You should press the banknote to the right edge of the input tray (a special side stopper will help)

After you introduce the banknote the detector will execute automatic check. In case with the authentic banknote the screen will display the value of it. If the note is suspicious or not identified it will be dispensed to the opposite of the current mode side. At the same time you will hear an audio signal, and the error message will be displayed.

If the detector recognized the banknote as suspicious, then you should try to detect it once again; perhaps, the note was incorrectly placed into the input tray.

SUMMING MODE

To turn on the summing mode you need to pulse 1 time the button ( ). At the same time on the display the indicator of the Add mode appears. During consecutive verification of several banknotes on the display the number of the processed banknotes and their sum will be shown. Repeated pulse of the button ( ) switches off the summing mode and the display shows «OnE» — now the detector will work in the mode of one by one detection.

DISPENSE MODE

You can choose one of two options of banknote dispense. • Direct mode: the banknote appears from a reverse side from the input tray • Return mode: after check the note comes back to the input tray. For switching between the modes it is necessary to press and hold the button ( )

SETTING THE SCREEN TO “ZERO” AND TURN OFF THE DETECTOR

At any moment you can nullify indications of the display, having pressed quickly the button ( ). To switch off the detector it is necessary to press and hold the button ( ) within 3 seconds.

Connecting to the PC

Connection of the automatic detector PRO CL 200 to the computer is possible via the USB connector (type B) which is located on the back panel of the machine. In case of connection to the computer or a laptop with the special software installed beforehand you may see the information on the course of verification of banknotes on the display and also uploading of statistics on results of operation is possible (an option).

SW update

Effective operation of PRO CL 200 depends on up-to-date software. The new software is developed for the detector inn parallel with issuing new types and modifications of banknotes. To update the SW you need to turn to the Service center. You can obtain all necessary contact information on the official website www.aust.at

Error code system

Once a suspicious or unidentified banknotes detected the error message is displayed on the screen. Mistakes may happen at verification of the authentic note if it is crumpled, shabby, dirty, washed, fragmented, stuck, lost color and also if the banknote was affected by hostile environment, or there are foreign inscriptions on it.

Pay attention that periodically new samples of banknotes are issued into the market. If you face errors at verification of such banknotes it is necessary to install the latest SW which you may load at the official site or have turned to the Service center.

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Possible reason</th>
<th>Your actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Error</td>
<td>Suspicious note is detected</td>
<td>1. Check if the banknote was correctly introduced; 2. Repeat the detection. If the error repeats the banknote cannot be identified as authentic</td>
</tr>
<tr>
<td>Ec</td>
<td>Jam or incorrect acquisition of banknote</td>
<td>Repeat the detection</td>
</tr>
<tr>
<td>EO ES</td>
<td>Jam during backward or forward dispense of the banknote</td>
<td>Repeat the detection</td>
</tr>
<tr>
<td>EC</td>
<td>Low speed of operation</td>
<td>Turn to the service centre</td>
</tr>
<tr>
<td>EUL</td>
<td>SW is missing</td>
<td>Turn to the service centre</td>
</tr>
</tbody>
</table>

Technical characteristics

The producer reserves the right to make to the device the constructive and program changes which aren’t described in this manual and not reflected in the table of technical characteristics, directed to improvement of quality of operation of the detector.

<table>
<thead>
<tr>
<th>Type of machine</th>
<th>Automatic currency detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Currency</td>
<td>EUR (standard)</td>
</tr>
<tr>
<td>Banknote orientation</td>
<td>4 sides</td>
</tr>
<tr>
<td>Banknote dispense</td>
<td>2 modes: backward and forward</td>
</tr>
<tr>
<td>Detection</td>
<td>Complex detection system</td>
</tr>
<tr>
<td>Operation modes</td>
<td>One by one • Summing</td>
</tr>
<tr>
<td>Indication (alerts)</td>
<td>Segment 9th digit LED indicator • Audio alert</td>
</tr>
<tr>
<td>Information on the display</td>
<td>Denomination • Sum and quantity of notes detected • Error and modes messages</td>
</tr>
<tr>
<td>Detection speed, banknote per minute (maximum)</td>
<td>70</td>
</tr>
<tr>
<td>PC connection port</td>
<td>USB 2.0 type B std</td>
</tr>
<tr>
<td>Power</td>
<td>12 V • ≤600 mA • Power Supply 100-240 V, 50/60 Gz (network adapter) • Li-ion battery integrated, 700, 10.8 V (only for model with batter PRO CL 200 AR)</td>
</tr>
<tr>
<td>Operation temperature, °C</td>
<td>+10 ~ +40</td>
</tr>
<tr>
<td>Dimensions, mm</td>
<td>132×160×70</td>
</tr>
<tr>
<td>Weight net (without package and adaptor), kg</td>
<td>0.4</td>
</tr>
</tbody>
</table>

Maintenance and warranty

If you need the additional information connected with software update, features of service or other questions of operation of this equipment, then use the website www.aust.at

WARRANTY

The manufacturer guarantees correct operation of the equipment during a warranty period from the date of sale at observance by the consumer of service conditions and the storages stated in the present manual of the user.

Guarantees are not in any way a substitute for individual legal rights of the consumer, which arise from the Law on Sale of Goods or the Law on Protection of Consumers.

Guarantee maintenance doesn’t provide in the following cases:

- in the absence of the warranty card, incorrectly completed coupon and the coupon having corrections;
- at violation of the rules of use of the device, specified in the section “Operation rules”;
- in the presence of mechanical damages of the equipment;
- in the presence of foreign objects, liquid in the device;
- in the presence of traces of dismounting of a product.

The present warranty does not extend to the batteries, LAN adapters, power supply units, adapters, lamps, belts, fuses, brushes, and any other details having the natural limited period of working capacity. Also the warranty does not extend to the failure which arose because of instability of external conditions or failures of the power supply network. Delivery of faulty technique in Service center is carried out at the expense of the owner.