

CashConcepts CCE 112 MULTI

Elektronischer Falschgeldprüfer

Electronic Counterfeit Money Detector



Benutzerhandbuch

User Manual

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^{*}0,06 € / Anruf aus dem deutschen Festnetz, Mobilfunk max 42 Cent

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Introduction

Many thanks that you have decided for the CCE 112 MULTI. This electronic counterfeit money detector offers you a reliable protection for the acceptance of banknotes. The different security signs at the banknotes are checked for the genuineness and then the device indicates the correct value of the banknote in the display. Suspected money is returned after an error message, a red LED and a warning tone from the input shaft, while the device indicates the acceptance of notes by a green LED and no sound.

The innovative use and the acceptance of the Euro in all four longitudinal directions provide for a short training phase without trainings or time-consuming installation.

Should you have questions to the CCE 112 MULTI counterfeit money detector, we are available to you with pleasure.

Your Team of CashConcepts

Warning

General

- Please pay attention that no foreign objects (e.g., coins, paper clips) fall in the machine, these can block the engines and the sensitive sensors of the machine and damage or destroy them.
- Please note that during the countable process no ties, hair or clothes in the bank note are drawn in to avoid injuries and damages to the machine.
- Please pay attention that none stuck, washed, strongly dirty or damaged banknotes is counted in the machine, these can hook up in the machine and tear.

Electricity supply

- Use the device only with the provided net part.
- Use no damaged or humid power adapter or power supply lines.
- Connect the stream supply not with humid hands.
- During the change of the fuse the machine must be completely separated from the stream net to avoid an electric blow.

Servicing

- Always switch the power of during cleaning.
- Clean the machine with a dry cloth.
- Do not use wet or damp cloth or cleaning products.
- Do not spill any liquid or spray chemicals over the equipment.
- If any liquid is spilled on it, disconnect the power cable from the supply, remove the battery and contact your dealer.

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Representation of the machine

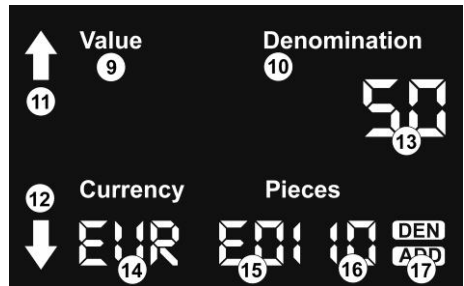
Front View

- (1) Green LED for genuine banknotes
- (2) White LED for active device
- (3) Red LED for suspicious banknotes
- (4) DIR / ADD – button
- (5) ON-OFF / CLEAR – button
- (6) REPORT – button
- (7) Input shaft / Output shaft front
- (8) Viewing how the banknotes must be inserted in the unit. Please note, that all notes were put on the right side into the unit.



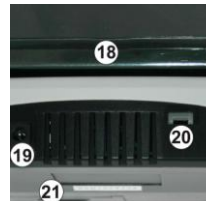
Display

- (9) Display „Value“ for total amount
- (10) Display „Denomination“ for single amount
- (11) Output of tested notes: rear side
- (12) Output of tested notes: front side
- (13) Display of the single value from the last note or total amount of all tested notes.
- (14) Display of the currency from the last tested note
- (15) Error message
- (16) Numbers of tested notes in the Value mode and amount of the actual denomination in the report mode
- (17) Display „DEN“ for single value and „ADD“ for total value



Reverse Side

- (18) Output shaft rear
- (19) Power connection
- (20) Update interface Mini-USB
- (21) Cover for accumulator (Underside of the device)



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How to use the CCE 112 MULTI

Please follow the below instructions for using the machine to receive an optimum detection result.

- Connect the power supply with the outlet.
- Connect now the power supply with the CCE 112 MULTI and switch on the unit by holding the ON-OFF / CLR button pressed.
- The device will make a selftest after turning on and shows the software version (EURCxx) in the lower display and in the upper display the installed currencies (e.g. CHF).
- Insert the banknotes to be tested now one by one in the device.
- **Please note, that all banknotes have to be insert on the right side of the device as shown on the pictures, if you don't put them on the right side they might be recognized as counterfeited. Not all banknotes can be checked in all 4 longitude directions as the Euro, the US-Dollar for example can only be checked in that direction which is printed on the unit. The security features are out of the sensor range when inserted in the wrong direction.**
- The banknotes are drawn in and checked, accepted notes are ejected according to setting in front or behind.
- Suspected counterfeit money is ejected in general forwards and you are informed about the suspicious note by a warning tone. Also banknotes which were not inserted on the right side or in the correct direction will be ejected as suspected.

Setting and function

Add / Single Value

The CCE 112 MULTI disposes the possibility to add accepted banknotes or to indicate only the single value of the last accepted banknote. By short pressure at the DIR/ADD key you switch between the addition (ADD & Value) and the single value announcement (DEN & Denomination) to and from. In the display the chosen mode is displayed.

Issue Direction

You have the choice to return the accepted banknotes from the input shaft or to let eject by the rear issue shaft. Banknotes which are considered by the device as suspected are ejected in general by the input shaft, together with an error message and a tone. With the DIR/ADD button you can change the issue direction, hold the button approx. 2 seconds pressed. The arrows on the left device side indicate the topically elective output direction.

Currency Detection

The CCE 112 can detect automatically the currency of the actual banknotes, so it is not longer necessary to chose the currency manual. You can change the programmed currencies with a software update by yourself.

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Report Function

If you set CCE 112 MULTI on total value announcement (ADD & Value are indicated in the display), you can open the report function at the end of the check. Then you receive the detailed information, how many banknotes of which currency and with which valency you have tested, as well as the respective total of all currencies. Press for the report function and for the navigation in the report menu several times the REPORT key.

In the left corner under "Currency" you see the topical currency in the report menu. On top on the right you see the topical valency ("Denomination") of the banknote and under it the number of the notes ("Pieces") which were checked by this valency. If the display of "Denomination" changes to "Value" changes you receive the total of the topical currency, as well as the number of all bank notes which were accepted.

By renewed pressure on REPORT you see the report of the next checked currency.

If a banknote is inserted during the report menu, the menu will automatically be closed and you see the normal test display again.

Clear Display

If you liked to clear the announcement of the device, press once the button ON-OFF / CLR. Then the counting result or the single value checked last is cleared and the unit shows zero in both displays.

If the total value of 999.999 or the total number of banknotes of 999 will be reached the display will be cleared to zero.

Energy Savings Mode

The CCE 112 MULTI switch after 5 minutes without use to the energy savings mode and switches off the display and the announcement of the issue direction. The white LED shines further. If the device is in the energy savings mode you can check furthermore banknotes, because by the insertion of a note the device switches itself immediately again in the active mode.

After 20 minutes the device switches off itself completely and then must be switched on again. To turning on hold the ON/OFF button for approx. 2 seconds pressed.

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Update Function

The CCE 112 MULTI offers the possibility to check other currencies beside the Euro (e.g. Swiss Franc or British Pound). If this currency is not installed or there is a currency update, you can update the software in the device. In addition you need the optionally available download cable and the software released by CashConcepts which contains the suitable currency file. For updating you go forward as follows:

- Connect the update cable with the computer and the device and connect then the power supply with the device.
- Hold the keys the CLEAR and REP pressed and then switch the machine on by pressing ON/OFF
- The device starts in the download mode. In the display segments 3 and 4 minus signs are indicated.
- Save the software on your PC and unpack the file if necessary.
- Start the EXE file and click in the "FILE LOAD" in the tool.
- Select the provided currency file.
- Then click „UPDATE SOFT“.
- Now the update software is loaded in the device, a progress bar indicates the actual status.
- Restart after successful update the device.

Accumulator (optional)

The CCE 112 MULTI can be pursued optionally also with a special accumulator which makes a mobile application possible. To insert the accumulator you go forward as follows:

- Switch off the device and draw off the power supply.
- Open then the accumulator cover on the underside of the device.
- Connect the battery plug with the port inside the pocket. Pay attention please to the fact that the Pins do not edge over or bend.
- Put the accumulator in the device and lay the cable in such a way that it is not got caught with fastening of the cover.
- Close now the cover and connect the device again with the power supply.
- The accumulator should be charged the first time for 15 hours.

You can see the battery status in the upper right corner by pressing the ON-OFF/CLEAR button for a short time.

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Error Management and Servicing

The CCE 112 MULTI checks the genuineness of the banknotes and the valency of the notes by different sensors. Because the banknotes are led with every test over these sensors, dust and dirt which sticks on the banknotes is taken up with the time there. Please follow the further following tips to exclude the cleaning of the machine to avoid mistakes by dirtied sensors and to have an optimum result in the check of banknotes.

Error Message

Error code	Error reason
P01	Upper left IR sensor - defect
P02	Upper right IR sensor - defect
P03	Below left IR sensor - defect
P04	Below right IR sensor - defect
P05	Feeding sensor – defect
P06	Size sensor – defect
P07	Red spectrum failed
P08	Blue spectrum failed
P09	Right passing sensor - defect
P10	Left passing sensor - defect

Error code	Error reason	
E01	Suspected banknote	Length error
E02/E03	Suspected banknote	Magnetic feature error
E04/E05	Suspected banknote	IR feature error
E06	Suspected banknote	Thickness error
E07	Wrong input of the banknote	Slant note
E08	Suspected banknote	Hologram error
E09/E10/E11/E12	Suspected banknote	Paper quality error
E20	Wrong input of the banknote	Passing error

Cleaning the Sensors

By the bank notes and by dust it comes to depositions at the sensors of the machine. This pollution lead to increased non-recognitions of real banknotes.

Please clean at regular intervals the sensors of the CCE 112 MULTI. Switch off the machine and take out the power supply of the CCE 112 MULTI.

Open the cover with the display upwards. With a soft paintbrush and glasses cleaner you can remove the dust from the sensors as well as from the banknote transportation belts.

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Should you have questions to the right cleaning of the CCE 112 MULTI, our service team is of course available to you with pleasure.

Accessories

Contained accessories	Optional accessories
Manual	Cleaning kit
Net cable	Update cable
	Accumulator

Technical specification

Power connection:	AC 100 V~240V / 50/60 Hz
Power Supply:	DC 12 V / 1.0A
Power consumption:	<10 W
Accumulator:	Rechargeable Lithium battery 0.8V/600mAH
Operating temperature:	0°C – 40°C
Dimensions:	155 x 137 x 82 mm
Weight:	0,6 kg
Testing speed:	< 0,5 seconds / banknote

Contact

If it should once have problems with your CCE 112 MULTI which you can solve with the help of this manual, then you please get in contact to us by email and describe the problem, we will get in contact to you as soon as possible with a proposal for solution for the problem.

info@cashconcepts.cc

Please retain your purchase documents for warranty claims. Do not remove, cover, damage or modify in any way the rating plate with serial number on the rear of the unit, otherwise you forfeit your warranty.

You will find this manual also in other languages on our website www.cashconcepts.cc under the topic “Download” for free downloading.