

CashConcepts CCE 5060



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Intro

Thank you for choosing the CCE 5060. This machine is designed for large amounts of money and different currencies and is therefore ideal for banks, exchange offices and shops that accept several currencies as payment. The CCE 5060 is also ideal for the back office for all chain stores and retailers where large amounts of cash need to be counted and checked at once. The CCE 5060's second sorting pocket offers not only a complete processing of banknotes without stopping in case of non-recognition, but also many sorting functions that make daily work with banknotes much easier.

The easy handling of the machine, as well as the clear display, ensure a short training phase without training or time-consuming instruction.

If you have any questions about the CCE 5060, please do not hesitate to contact us.

Your CCE - Cash Concepts Team

Warnings

General

- Please make sure that no foreign objects (e.g. coins, paper clips) fall into the machine, these can block, damage or even destroy the motors and the sensitive sensors of the machine.
- Please note that no ties, hair or clothing will get into the banknote feeder during the counting process in order to avoid injuries and damage to the machine.
- Please make sure that no glued, washed, heavily soiled or damaged banknotes are counted in the machine, as they can get caught in the machine and tear.


Power Supply


- Only use the device with the supplied power supply unit.
- Do not use damaged or damp power supplies or power lines.
- Do not connect the power supply with wet hands.
- When replacing the fuse, the machine must be completely disconnected from the power supply to prevent electric shock.

Maintenance

- Always switch the appliance off for cleaning.
- Clean the appliance with a dry cloth. Do not use wet or damp cloths or cleaning agents.
- Do not spill any liquid on the device and do not spray it with chemicals. If any liquid has leaked, disconnect the power cord from the outlet and contact your dealer.

Description

No.	Description	Photo
1	Banknote limiter / Feeder	
2	Adjustment wheel for banknote pressure	
3	Feeder- /Hopper sensor	
4	Display / Panel (see below)	
5	Reject pocket for sorted out banknotes	
6	Stacker Wheels	
7	Stacker	

8	Rear access to the machine	
9	On / Off switch	
10	Fuse	
11	Power connection	
12	Type plate with serial number	
13	RJ 45 connector for optional printer	
14	RS 232 connection for optional external display	
15	USB port for PC communication	
16	SD card slot for updates	

CLEAR	Short: Delete count result Long: Delete batch value	
RESET	Start manual counting process Menu: Confirm a selection	
BAT	Activate pre-programmed batch values	
ADD	Switching the addition function on / off	
PRINT	Printout of the count result to the optional printer	
+1 / +10	Short: selected count stop +1 Long: selected count stop +10	
Fitness / →	Activating and selecting the fitness function	
↑ / MODE	Selection of counting function Menu: Navigate up	
↓ / Display	Change to detailed count result	
↶ / MENU	Return to standard screen In the standard screen: Open Setup Menu Menu: Return to previous view	

Putting into operation

Please observe the following instructions when commissioning and using the machine in order to obtain optimum counting results.

- Connect the power plug to the socket.
- Now connect the power cable to the CCE 5060 and switch it on at the back of the unit.
- The CCE 5060 now carries out a self-test in which all sensors and motors are tested. This test takes about 10 seconds. If an error message appears, please refer to the error messages table on the later pages of this manual.
- Select the desired currency and counting modes.
- Push the banknotes on a straight surface so that the banknotes are flush on one long side and insert the banknotes - with the flush side towards the back of the device - into the feeder. Slide the two banknote guides up to the stack so that the notes can be drawn in optimally.
- If the banknotes are not inserted correctly, miscounts or non-recognition and sorting of banknotes may occur.
- If a banknote is not correctly recognized or is suspected of being counterfeit, it will be rejected in the reject tray and the other banknotes will continue to pass the test. The suspicious banknote can be removed after the counting process and checked again separately.

Counting Variants and Currency Selection

The CCE 5060 can count and verify sorted and mixed banknotes. Using the "MODE" button, you can select between the counting variants of piece counting and mixed value counting and the various sorting functions.

By default, the CCE 5060 is equipped with the following currencies: EUR. By purchasing additional software packages, you can equip the CCE 5060 with additional currencies.

Mixed value counting / unsorted notes

Use the "MODE" button to select the "MIX" mode.

In this counting mode, you can count unsorted and sorted banknotes by value and have them evaluated via the report menu. By pressing the "DISPLAY" button, you can break down the counted notes and see how many notes of which value were contained in the mixed stack.

By pressing the "DISPLAY" button, you can navigate through the evaluations of the count result and also call up the error logs of the unrecognised banknotes.

By pressing the "PRINT" button, you can transfer this count result to an optional thermal printer or PC.

Value counting / sorted notes

Use the MODE button to select SINGLE mode.

In this counting mode, the CCE 5060 sorts all banknotes that differ from the first counted note in the stack. This allows you to search larger quantities of the same banknotes, especially for lower denominations, and to count the total quantity and value of the sorted banknotes.

Piece Counting / Free Count Mode

Use the "MODE" button to select the "COUNT" mode.

In free-count mode, counterfeit detection is deactivated and all types of paper that can be processed by the CCE 5060 in terms of size and paper thickness can be counted.

Sorting functions

The CashConcepts CCE 5060 offers numerous sorting functions to make cash processing faster and easier. To select a sorting function, please proceed as follows:

- Press the MODE button to select the desired sort function.
- The selected sorting function is now shown in the display.

Sorting mode MIX (Mixed value counting)

This mode is the mixed value count described above in the manual.

Sorting out:

- Banknotes suspected of being counterfeit & foreign currencies

Sort Mode SINGLE (Sorted Value Count)

This mode is the sorted value counting already described above in the manual.

Sorting out:

- All values differing from the first banknote counted
- Banknotes suspected of being counterfeit & foreign currencies

Sort mode FACE (front / back)

In this mode, the banknotes are sorted according to whether they show the front or back side. It does not matter whether the notes are upside down or not.

Sorting out:

- All banknotes that differ in value and orientation from the first counted banknote.
- Banknotes suspected of being counterfeit & foreign currencies

Sort mode ORIENT (Orientation)

In this mode, the banknotes are sorted according to whether they are upside down or not. It does not matter whether the banknotes show the front or the back.

Sorting out:

- All banknotes that differ in value and orientation from the first counted banknote.
- Banknotes suspected of being counterfeit & foreign currencies

Sort mode ISSUABLE (Fitness)

In this mode, the banknotes are sorted according to whether they are still suitable for circulation and putting back into circulation.

Sorting out:

- All banknotes that do not pass the fitness test of the machine.
- Banknotes suspected of being counterfeit & foreign currencies

Adjustment and function

The additional settings of the CCE 5060 allow you to adapt it to your individual cash processing requirements.

Addition function

The CCE 5060 has an addition function with which several stacks of banknotes can be counted one after the other and the result of which is then added. Press the "ADD" button to turn this function on or off. In the display the activated function is indicated by "ADD". If more than 9,999 notes are counted or the total value exceeds 999,999, the counter is reset to 0.

Batch function / Count stop

With the CCE 5060 you can call up predefined batch values (count stops). Press the "BATCH" button several times to call up the preset batch values. By briefly pressing the "+1 / +10" key you increase the preset value by 1, by pressing the "+1 / +10" key longer you increase the preset value by 10. If you need a batch value smaller than 20, you can set it directly using the "+1 / +10" key. Alternatively, you can enter the batch value directly via the touch screen monitor. **DO NOT USE PENS FOR THIS PURPOSE!**

When the set batch value is reached, the machine stops counting. If the counted notes are taken from the stacker, you can continue counting by pressing the "RESET" button. The machine continues counting the remaining notes until they have been completely processed or the batch value is reached again. By pressing the "CLEAR" key longer, the batch value is deleted and the machine counts the inserted notes without stopping. In the upper right display area the set batch value lights up when activated (e.g. B:100).

Serial number reading

With the CCE 5060, you can read and print out the serial numbers of the banknotes.

In the lower display area you will see the current mode "SN:" if the serial number reading is switched on. After a counting process, the last serial number read out is displayed here.

Make sure that the function has been activated in the setup menu.

By pressing the "PRINT" key, you can transfer this counting result to an optional thermal printer or to a PC.

Please note that the serial number reading is not possible for all currencies and in all directions.

Settings in the Setup Menu

To enter the setup menu, press the "MENU" button. Use the "↑ / MODE" and "↓ / DISPLAY" buttons to navigate in this menu. Press the "RESET" button to select submenus or functions and confirm. To change the options, press the "PRINT" button. By pressing the "MENU" key several times, you leave the sub-items and also the setup menu.

1: Serial (serial number readout)

Under this menu item you can activate and deactivate the serial number readout. Please note that serial number reading is not possible for all currencies and in all directions.

2: R-P Capacity (Reject Pocket)

Under this menu item you can set the recording quantity of the reject tray. The maximum amount of banknotes to be accepted is 50.

3: Beep Setup (Sounds)

In this menu item you can set whether alarm tones and confirmation tones should be activated or deactivated when keys are pressed.

4: Date Time (Time and date setting)

In this menu item you can set the date and time which are shown in the display and also printed out.

Under "DATE FORMAT" select the structure of the date. The letters DD stand for the day, MM for the month and YY for the year.

Under "DATE SET" you can set the current date. Use the "PRINT" key to increase the values. A short press increases the value by 1, a longer press by 10. Use the "↑ / MODE" and "↓ / DISPLAY" buttons to toggle between the fields.

Under "TIME SET" you can set the current time. Use the "PRINT" button to increase the values. A short press increases the value by 1, a longer press increases it by 10. Use the "↑ / MODE" and "↓ / DISPLAY" buttons to toggle between the fields.

5: Version (version numbers)

The various software versions of the modules are displayed here. This information is only important for service work.

6: Sleep Time (energy saving mode)

Under this menu item you can set whether and after which period the machine should switch to the energy-saving mode.

7: ccTalk

Under this menu item you can activate / deactivate the data transfer to the PC. This function is optionally available.

8: Language

This menu item allows you to select the display language in the display. Currently, only English and Chinese are available.

9: LCD Calibration (Display Calibration)

Under this menu item you can calibrate the touch function of the display if required.

10: Black List

This function is reserved for service technicians when setting up the machine.

11: Network Setting

Under this menu item you can integrate the CCE 5060 into your network.

12: Net Protocol

Under this menu item you can select the appropriate transfer protocol for the network integration.

13: Machine SN:

This function is reserved for service technicians when setting up the machine.

14: Bankinfo:

This function is reserved for service technicians when setting up the machine.

15: Operator-No.

This function is reserved for service technicians when setting up the machine.

13: Quick CUR Selection (Currency selection)

Under this menu item you can select any additionally installed currencies.

Mechanical settings

Due to transport and wear of the transport rollers in the hopper area, it may be necessary to readjust the banknote feed. On the upper side of the machine there is an adjusting screw with which the pressure on the banknotes can be changed.

If the CCE 5060 draws in not only one but also several banknotes, please turn the adjusting screw in the direction of the "-" area using a screwdriver.

If the banknotes are drawn into the machine badly or at an angle, please turn the adjusting wheel with the aid of a screwdriver in the direction of the "+" area.

Error management and maintenance

The CCE 5060 is equipped with a comprehensive fault management system to inform you of problems with money processing and counterfeit detection, but also to alert you to sensor contamination. Please pay particular attention to the instructions below for cleaning the machine in order to exclude errors caused by contaminated sensors and to achieve optimum results when counting banknotes.

Cleaning the sensors

The banknotes and the settling dust cause deposits in front of the machine's sensors. These impurities lead to increased rejections and non-recognition of genuine banknotes.

Therefore, please clean the sensors of the CCE 5060 at regular intervals. When cleaning the machine, generally switch off the device and disconnect the mains plug.

To clean the sensors, reach into the banknote feed area and open it upwards with both hands. You now have access to the upper and lower sensor banks.



Using a soft brush and cloth, you can remove the coarse dust deposits from the hopper and stacker area sensors and from the banknote conveyor wheels. For cleaning the counterfeit money sensors, we recommend the additional use of a non-flammable compressed air spray or special cleaning cloths for banknote counting machines in order to remove dirt and fine dust even in inaccessible places.

Also clean the area accessible via the rear flap. To do this, reach into the grip on the back and pull it towards you.

After cleaning, close the feed area and the rear cover again. **When closing, please make sure that your hands are not in the folding area of the machine. Otherwise there is a danger of crushing or other injuries.**

Removal of note jam / foreign bodies

In the event of a banknote jam in the machine, turn the machine off and open the feed area as described for cleaning and the rear access flap. To do this, reach into the grip and pull it towards you. You now have access to the area where the banknotes are likely to be stuck. When removing the banknotes, please make sure that no remnants of any damaged banknotes remain in the device and thus cause new problems.

In case of foreign objects, open the switched-off device as if to remove a banknote jam and remove the foreign object. Be careful whether the sensors have been damaged by the foreign object.

After removing the music jam / foreign object, close the feed area and the rear flap again. **When closing, please make sure that your hands are not in the folding area of the machine. Otherwise there is a danger of crushing or other injuries.**

Display message / Notes

Message	Solution
Fluorescence sensor	Too much light falls through ceiling lighting or other light sources directly into the catchment area of the machine and disturbs the sensors. Please set up the machine differently.
Banknote feeding sensor	Remove all banknotes from the device and clean the device and the sensors.
Banknote receiving sensor	
Left counting sensor	
Right counting sensor	
Rotate speed sensor	The Code Wheel wheel must be cleaned or the drive belts replaced. Please contact your service partner.
Reject Pocket Full	Remove the banknotes from the reject tray and continue counting.
TOP COVER OPEN!	Remove all banknotes from the machine and close the feed area.
BACK DRAWER OPEN!	Remove all banknotes from the machine and close the rear access door.
JAM! REMOVE ALL NOTES! THEN PRESS RESET KEY!	Please read the section on removing banknote jams to remove the banknotes from the machine.

Display message / Alarm messages

Error message	Cause of error	Solution
SLANT	Wrong feed	Press the "RESET" button to continue counting.
CHAINT DOUBLE	Wrong feed / double feed	If the error increases, adjust the banknote feed pressure as described in the chapter "Mechanical settings".
HALF	Note damaged / folded	A damaged or folded note was drawn in. Please remove the note and press the "RESET" button to continue counting.
MG / MG1 / MG2 / MG3 IR UV IMAGE / IMAGE 1 / IMAGE 2	Banknote suspected of being counterfeit detected	A banknote suspected of being counterfeit was detected. Press the "RESET" button to continue counting.
WIDTH / PASSWIDTH TIME 1 / TIME 2	Different size of banknotes	The banknotes do not match in size. Please remove them from the stack.
DENO DF	Different value	The banknotes differ from the specified banknote. Please remove the banknotes and restart the counting process.
JUDGE	Read error	Please remove the banknotes and restart the counting process.
Stacking Pocket Full	Stacker pocket full	Please remove the banknotes already counted and continue counting.

Changing the fuse

The CCE 5060 is protected by a fuse that you can easily replace if necessary..

Before changing the fuse, please switch off the machine and disconnect the mains plug from the device. Failure to do so may result in death due to electric shock.

Remove the fuse cover and replace it with an equivalent fuse. The fuse lock must be securely replaced after changing.

Update for currency exchange or new issue of banknotes

Should an update or a currency change be necessary, you will be informed about the exact handling on our website www.cce.gmbh. If you register for our newsletter on our homepage, you will receive information about updates that are up to date and timely. As a rule, we send out a newsletter every 2-3 months exclusively on important topics.

Scope of delivery

Included in delivery	Optionally available
Manual	Printer
Power Supply	Cleaning Set
	External Display
	SD – Card
	Currency Packages (Software)

Technical Specification

Hopper/Stacker/Reject Volume:	500 / 200 / 50 Notes
Power supply:	AC 110 V ~ 240 V - 50/60 Hz
Operating temperature:	0°C - 40°C
Humidity:	40 - 90 %.
Dimensions:	251 x 271 x 264 mm
Weight:	8,50 kg
Counting speed:	600 / 1,200 / 1,500 notes per minute

Contact us

In case of problems with your CCE 5060 and you cannot solve these problems with the help of the manual, please contact your dealer first and our service team if you have further questions.

info@cce.gmbh

Please keep your proof of purchase as proof of warranty. The type label on the back or underside of the machine with the serial number must not be removed, pasted over, damaged or altered in any other way, otherwise the warranty may be void.