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CashConcepts
LXD 50

CashConcepts LXD 50

User Manual

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LXD 50

Introduction

Many thanks that you have decided on the LXD 50. This banknote counting machine should simplify you the processing and counting of bigger money amounts. Sorted banknotes can be counted by the different countable kinds and be checked for overlooked other noted, as well as unsorted banknotes can be counted by their value and can be listed and checked at the same time for counterfeit money. About the several sorting functions you have the possibility to sort the banknotes according to your default. Moreover the reject pocket offers the possibility to check and count bigger amounts of banknotes without any stop because of non-recognition of the security signs. The LXD 50 offers therefore in the office area for all supermarkets and retail dealers, and also in the foremost front of the counterfeit money protection, e.g., at banks, used car traders or all other companies where bigger cash amounts all at once change the owner.

Should you have questions to the LXD 50 banknote counting machine, 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.
- Please turn off the UV-detection or switch off the machine aground the UV radiation of the sensors.
- Do not operate the machine, if smoke or strange smell is detected from the machine. In this case, please contact your local distributor

Attention electricity

- Use the device only with the provided net part.
- Use no damaged or humid net parts 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.

Maintenance

- Always switch the power off 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 and contact your dealer.
- Never disassemble the machine expect the trained person.
- Be careful not to pinch your finger when closing the upper and rear cover

This manual is available in several languages. You can download them on www.cashconcepts.cc.

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Appearance

No.	Description
1	Hopper guide / Feeder
2	Adjustment for banknote pressure
3	Display
4	Panel
5	Upper cover
6	Button for opening the machine (between Display and reject pocket)
7	Reject pocket
8	Lower cover
9	Stacker / Stacker wheels

No.	Description
10	Opener rear cover
11	ON / OFF switch
12	Power connection
13	PC connection
14	Connection for external display / Thermal printer
15	Fuse
16	Serial sticker
17	Update image
18	Update main

Panel

Key	Description
0-9	Numeric key for batch value
CUR	Change the currency
8/Save	Save settings in menu
5/Error	Shows errors from counting
6/Setup	Entering user setting
Clear	Clear the counting result

Key	Description
9/Batch	ON/OFF batch
0/Add	ON/OFF add function
Total	Shows report
7/Print	Print report
Mode	Switches counting mode
START/STOP	Starts and stops counting
Green/Red LED	Banknote in stacker / reject

Display

No.	Description
1	Operation mode
2	Currency
3	Batch
4	Speed
5	Auto or manual start

No.	Description
6	Number of notes on reject
7	Number of notes on stacker
8	Total value
9	ADD function

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Self Diagnosis

After turning on the power of the machine, the self diagnosis will be done as follows:

Software loading

During software loading, each software version will be displayed

After software loading successfully, sensor and motor function will be checked

If everything is OK, "Test OK" message will shown up. However, if an error is happened during initializing the related message will shown up

Currency Mode

USD currency	
Press **CUR** key and select US-Dollar ($).The machine can count and recognize USD Dollar. Please note standard software is Euro only. Other software are optional available and may be deactivated in your machine.	**Mix** **Auto** 0 100 $ 100,000 **P100** **S1000**

EURO currency	
Press **CUR** key and select Euro (€).The machine can count and recognize Euro Banknotes.	**Mix** **Auto** 0 100 € 100,000 **P100** **S1000**

LOCAL currency	
Press **CUR** key and select the local currency (e.g. British Pound).The machine can count and recognize the chosen currency. Please note standard software is Euro only. Other software are optional available and may be deactivated in your machine.	**Mix** **Auto** 0 100 GBP 100,000 **P100** **S1000**

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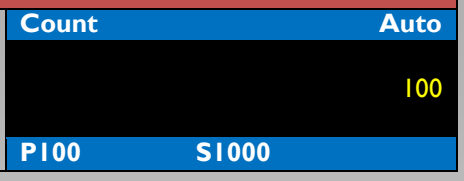
Operating Mode

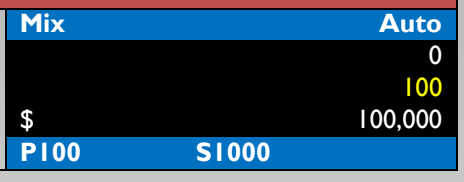
Count Mode

Press **MODE** key and select Count Mode. It counts all banknotes without recognition and detection.



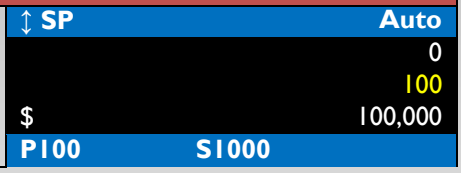
Mix Mode

Press **MODE** key and select Mix Mode. It counts all banknotes of selected currency and add the value of the banknotes



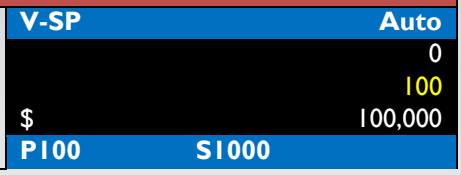
SP Mode

Press **MODE** key and select SP Mode. The machine will sort out the same denomination as the first inserted note or the pre-selected denomination. You can change the pre-selected denomination by pressing the up and down ▲▼. The value of the denomination will be display behind the mode.



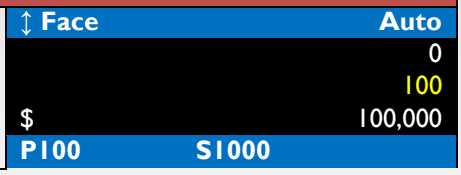
V-SP Mode

Press **MODE** key and select V-SP Mode. The machine will separate old and new version of a special type of banknotes. This mode does not work in all currencies settings and may be deactivated in your machine.



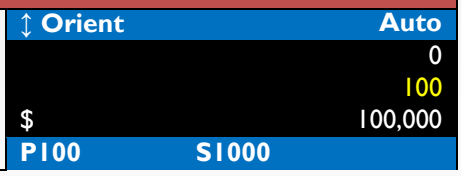
Face Mode

Press **MODE** key and select Face. The machine will separate different sides of the banknotes depending on the first counted banknote.
By using the ▲▼ keys you can also activate that different denomination than the first banknote will be rejected.



Orient Mode

Press **MODE** key and select Orient Mode. The machine will separate different directions of the banknotes depending on the first counted banknote.
By using the ▲▼ keys you can also activate that different denomination than the first banknote will be rejected.



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Total & Error Display

Total Display

Press and hold down **TOTAL** key until TOTAL VALUE LIST is shown.
It shows the denomination information of the counted notes. (Number of denomination, value per denomination, total number of banknotes and total value of banknotes)
By pressing the **TOTAL** key again you can print out the report on the optional thermal printer. By pressing **CLEAR** you leave the report.

USD VALUE LIST

DENOM	UNIT	VALUE
USD 1	10	10
USD 2	4	8
USD 5	5	25
Total	**19**	**43**

Print (Key 7) **EXIT (C)**

Error Display

Press and hold down **5/ERROR** key until ERROR REPORT is shown.
It displays the detailed information of rejected banknotes.

ERROR REPORT

DBL	0	CHN	0
SKW	0	TIME	0
SLIP	0	HALF	0
IR	0	UV	0

Cleaning / Maintenance

The LXD 50 is equipped with a comprehensive error management to inform you about problems by the counting process and the counterfeit money recognition and also for the soiling of sensors. Please note particular the tips to exclude to the cleaning of the machine to avoid mistakes during the counting caused by dirtied sensors.

Cleaning of the sensors.
By the banknotes and by retreating dust it comes to depositions before the sensors of the machine. This pollution leads to increased errors and non-recognitions of real banknotes.

Please clean at regular intervals the sensors of the LXD 50. Switch off the machine during the cleaning and remove the net cable from the device.

With a soft paintbrush and cloth you can remove the coarse dust depositions from the sensors in the hopper and stacker are as well as from the banknote conveyor wheels. To the cleaning of the counterfeit money sensors we recommend the additional application of a non-inflammable air pressure spray around to remove also at inaccessible places dirt and particulate dust.

Please also remember of opening the back-sided flap (marked in BLUE on the next photos) of the sensor bank. Also open the front side by pressing the unlock button (marked in RED on the next photos). Now you can clean the complete way the banknotes pass from dust and dirt, as well as jammed notes. For closing the machine you have to lift the blockade (marked in GREEN on the next photos)on the right side of the machine. Be careful not to pinch your finger. Should you have questions to the right cleaning of the LXD 50, our service team is available to you of course with pleasure.

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Setup / User Mode

1. Press **6/SETUP** key to enter the user mode.
2. Move to the required content by using the ▲▼keys. (✻ shows the actual selected content) and then press **START/STOP** key to choose the content or press **CLEAR** key to exit the mode.
3. After choosing the content the target content will be highlighted in yellow color.
4. After changing the data press **8/SAVE** key to save them, otherwise the data will remain unchanged.

No.	Contents	Description	Default Setting
1	Reject Size	Set Maximum Reject note capacity from 10 to 100	50
2	Ext – Device	Set the external Device between external display and printer (refer to the detailed setting)	EXT-DISPLAY1
3	Density	Set the density level from -4 to 9 or AUTO for count mode only. Lower value is less sensitive and higher value is more sensitive setting.	AUTO
4	User ID	Set the USD ID shown in print (refer to the detailed setting)	-----
5	Language	Set the language shown in display	ENGLISH
6	RTC	Set the Date and Time (refer to the detailed setting)	-----
7	Reject Disp.	Set the reject No. display function as ON or OFF	ON
8	CF Disp.	Set the CF display function as ON or OFF	OFF
9	Count	Set the counting start function as AUTO or MANUAL	AUTO
10	Speed	Set the counting speed of the machine	1000
11	User I/F	Set the PC Interface NONE or USER 1	NONE
12	Counting Disp.	Set the denomination display function as ON or OFF	OFF

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Detailed setting in User Mode

EXT DEVICE SET	Display
EXT-Display 1: 1-Line External Display ON or OFF EXT-Display 2: 2-Line External Display ON or OFF Printer Set: ON or OFF Only if ON you can change Baud Rate, Paper Size and Printing No. Baud Rate: 9.600 ~ 115.200 Default Setting: 57.600 Paper Size: 2 or 3 inch Default Setting: 2 inch Print No.: 1 ~ 3 pcs Default Setting: 1 pcs.	**EXT DEVICE SET** 1 EXT-DISPLAY 1: ON 2 EXT-DISPLAY 2: OFF 3 PRINTER: OFF 4 BAUD RATE: 57.600 bps 5 PAPER SIZE: 2 inch 6 PRINTING No.: 1 pcs **UP[▲] DOWN [▼] SEL [START/STOP]** **SAVE [SAVE] EXIT [CLEAR]** **EXT DEVICE SET** 1 EXT-DISPLAY 1: ON 2 EXT-DISPLAY 2: OFF 3 PRINTER: ON 4 BAUD RATE: 57.600 bps 5 PAPER SIZE: 2 inch 6 PRINTING No.: 1 pcs **UP[▲] DOWN [▼] SEL [START/STOP]** **SAVE [SAVE] EXIT [CLEAR]**

The highlighted content can be changed by pressing **MODE** key and by the ▲▼ keys you can change the value. Press **8/SAVE** key to save the data before exit the setting.

USER ID	Display
The highlighted content can be changed by pressing **MODE** key and by the ▲▼ keys you can change the value. Press **8/SAVE** key to save the data before exit the setting	**EXT DEVICE SET** USER ID 1 2 3 4 5 ..... A B C D E ..... **SPACE [MODE] DEL[CUR]** **UP[▲] DOWN [▼] SEL [START/STOP]** **SAVE [SAVE] EXIT [CLEAR]**

RTC	Display
The highlighted content can be changed by pressing **MODE** key and by the ▲▼ keys you can change the value. Press **8/SAVE** key to save the data before exit the setting	**EXT DEVICE SET** 04 : 15: 19 24 / 01 / 2011 TUE **UP[▲] DOWN [▼] SEL [MODE]** **SAVE [SAVE] EXIT [CLEAR]**

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Error Codes

Display	Cause of Error	Possible Solution
DBL	Double notes	• Check the condition of rejected note as Double • Check the gap between Feed and Reverse Roller
CHN	Chain notes	• Check the condition of rejected note as Chain • Check the gap between Feed and Reverse Roller • Check the condition of Encode Sensor in Service Mode
SKW	Skew notes	• Check the condition of rejected note as Skew • Check the gap between Feed and Reverse Roller
TIME	Processing time error	• Check the gap between Feed and Reverse Roller • Check the cable connection between Image and Main Board
SLIP	Slip feeding error	• Check the gap between Feed and Reverse Roller • Check the condition of Rollers in feeding path
HALF	Half notes	• Check the condition of rejected note as Half • Check the condition of Count Sensors in Service Mode
IR	IR error	• Check the condition of rejected note • Restart counting operation
UV	UV error	
HIS	HIS error	
MG	MG error	
LL	Length size of notes	
SL	Width size of notes	
IMG0	Image error	• Check the condition of rejected note as Image • Check the gap between Feed and Reverse Roller • Clean CIS Sensor
IMG1		
IMG2		
DIF	Different notes	• Check the image of notes

Accessories

Included	
No.	**Name**
1	Power Cord
2	User Manual

Optional	
No.	**Name**
1	External Display
2	Thermal Printer

Specifications

Subject	Technical information
Pockets	1 Stacker, 1 Reject
Counterfeit detection	UV, HIS, MG, IR
Adaptation currency	USD, EURO or Local Currency
Speed	1.200 Notes / Min. (Piece Count) 1.000 Notes / Min. (with Detection)
Hopper capacity	500 notes
Reject capacity	100 notes
Stacker capacity	300 notes
Power	AC 100~240 V 50/60 Hz.
Power consume	75W
Dimensions	284 (W) x 315 (D) x 277 (H) mm
Weight	Approx 13kg
LCD Size	3.2 Inch TFT
Mode	Count, Mix, Separate, V-SP, Orient, Face

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Contact

If it should once have problems with your LXD 50 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@cce.tm

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.