Cassida®
USA

Xpecto

USER MANUAL
CASSIDA XPECTO MULTI-CURRENCY VALUE COUNTER

This manual contains important information on safety measures and operational features. Please read it carefully before operating your value counter, and keep it for future reference.

Table of contents:

moving money forward

1. INTRODUCTION

1.1 About Cassida Xpecto

Thank you for choosing **Cassida Xpecto**. We hope you enjoy using it.

Cassida Xpecto is a professional and reliable mix value counter uniting counterfiet detection with high performance.

It has a convenient interface that makes it easy for users of various skill levels to become proficient. Its ergonomic and intuitive control panel provides easy and quick access to all functions – like counting settings, currency selection, etc. Operations can start immediately after selecting the currency that the **Cassida Xpecto** counts in which it also detects counterfeit currency simultaneously to save time and streamline cash processing.

1.2 Box contents

- **Cassida Xpecto** MIX value counter
- Power cable
- Remote display (option)
- User manual
- Maintenance kit - Cleaning brush (option)

1.3 Xpecto overview

Front view
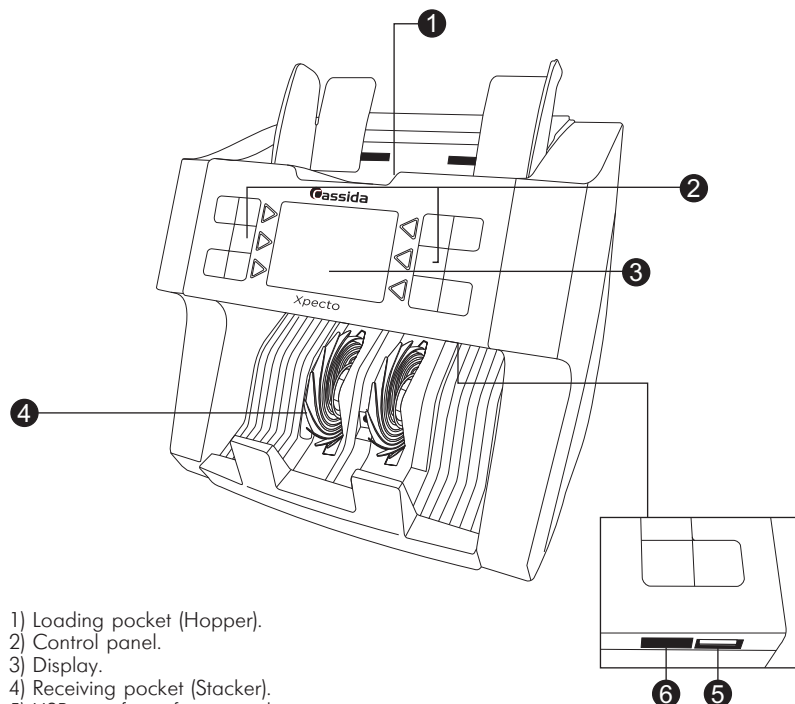
1) Loading pocket (Hopper).
2) Control panel.
3) Display.
4) Receiving pocket (Stacker).
5) USB port for software update.
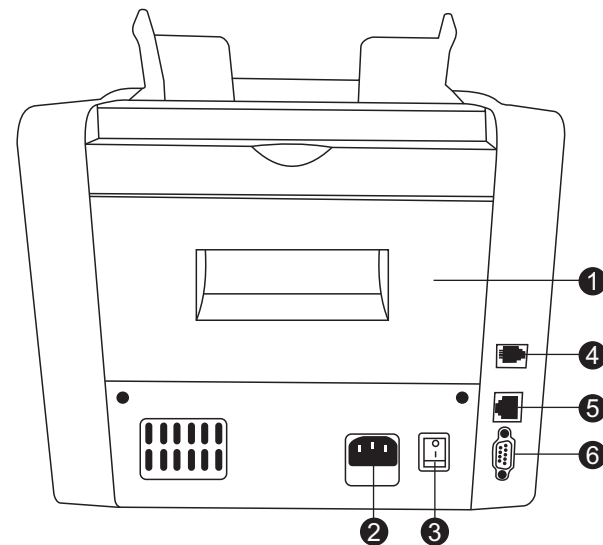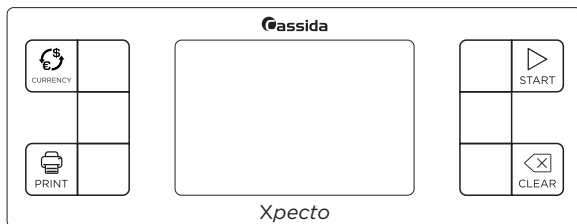6) Port for SD card, used to update the display software.

Rear view

1) Rear cover.
2) Power cord.
3) Power switch.
4) RJ port for connecting an external display.
5) LAN port for connection to a computer network.
6) RS232 port for printer connection.

1.4 Control panel
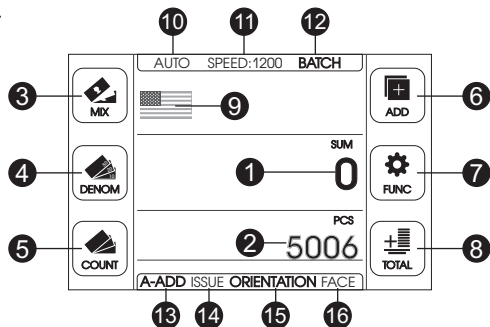

CURRENCY - Currency selection

PRINT - Printing the total of the transaction

START - Start button
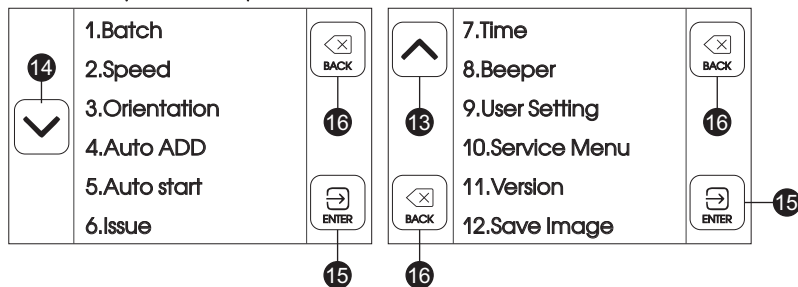
CLEAR - Count reset button

1.5 Display

Main display

1) Total Value of the counted bills.
2) Total number of counted bills.
3) Enable / disable the MIX mode, when the mode is active, the icon is highlighted in blue
4) Enable / disable the DENOM mode, when the mode is active, the icon is highlighted in blue.
5) Turn on / off the COUNT mode, when the mode is active, the icon is highlighted in blue.
6) Enable / disable the ADD mode, when the mode is active, the icon is highlighted in blue. This mode is active in the MIX, MIX, DENOM and COUNT modes.
7) Enter the main menu.
8) Report on the counted bills.
9) Flag of the selected currency.
10) Set the Auto / Manual start.
11) Indication of counting Speed.
12) Batch set.
13) ON/OFF Indication of ADD Mode.
14) Enable / disable sorting by year of issue.
15) Enable / disable orientation sorting mode.
16) Enable / disable the sorting according to FACE.

Report on the calculated bills (Total button)

1) The denomination of counted bills.
2) The number of pieces according to each denomination.
3) Total amount according to each denomination.
4) Total number and amount of counted bills.
5) Return to the main display.

Main menu (FUNC button)

14
	1.Batch
	2.Speed
⌄	3.Orientation
	4.Auto ADD
	5.Auto start
	6.Issue

BACK ⌫
16
ENTER ⤵
15

13 ⌃
	7.Time
	8.Beeper
	9.User Setting
	10.Service Menu
BACK ⌫	11.Version
	12.Save Image

BACK ⌫
16
ENTER ⤵
15

16

1) Set batch number.
2) Counting speed selection.
3) Enable / disable sorting mode by orientation.
4) ON/OFF ADD Mode.
5) Auto/manual start selection.
6) Sorting according to the Year of issue.
7) Set date/time.
8) On/OFF beep sound.

9) User settings.
10) Service settings (with password).
11) Software version.
12) IR & MT image save.
13 & 14) Go to next / previous page.
15) "ENTER" for selection.
16) Return to main display.

1.6 Specifications

Hopper capacity, bills	500
Stacker capacity, bills	200
Counting speed, bills/minute	800/1000/1200
Number of currencies	Up to 6
Counterfeit detections	UV, MG, MT, IR, 2 CIS IR
Display type	3,3", color touchscreen LCD
Power supply, V/Hz	220/50, 110/60
Power consumption, W	40
Dimensions (HxWxD), mm	280x280x240
Weight, kgs	5,6

1.7 Important safety notes

When using the Cassida Xpecto counter, basic precautions should be followed, including the following:
1. Do not use this unit in areas where it may be exposed to water or any other liquids.
2. Only use the power cord supplied with the machine. Plug the power cord into a properly grounded wall outlet. Do not remove the ground pin from the power cord. Failure to properly ground the machine can result in severe injury or fire.
3. Make it certain that the unit is installed on a flat surface. Do not operate the machine in areas with high temperature, humidity or smoke, as these conditions may prevent proper operation.
4. This unit is designed for indoor use in a ventilated environment. Keep the machine away from direct sunlight and strong magnetic fields. These could interface with the counterfeit detection sensors.
5. When not using the unit for an extended period of time, disconnect the power cord from the wall outlet.
6. Unplug the unit from wall outlet before cleaning. Use a damp cloth or specifically designed maintenance accessories such as air duster, soft bristle brush, or cleaning cards.
7. To avoid the risk of electric shock, do not disassemble the unit. Disassembly will expose you to dangerous voltage and other safety risks. Also, incorrect reassembly can cause electrical shock when the unit is subsequently used.

Take the unit to a qualified technician when service or repair is required. Do not try to replace any parts yourself. Supplied spare parts are intended for use by qualified repair personnel only.

2. OPERATING

2.1 Powering up and loading bills

It is very important to place the bills into the hopper correctly, because recognition performance of the bills is highly affected by the arrangement of the bills. Bills should be placed in a neat stack prior to being placed into the hopper. Please avoid counting bills that are wet, excessively dirty, spoiled, folded, curled or with foreign materials like clips, bands, etc.
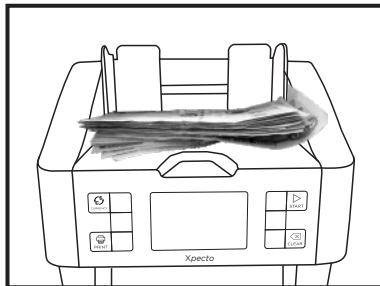
It will damage and cause malfunction of the machine.

Set the hopper guides acccording to the length of the bill bundle as shown in the below picture, align the edges of the bundle and gently place the bundle in the middle of the hopper. Avoiding skewing of the notes.
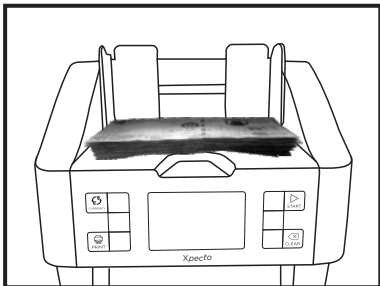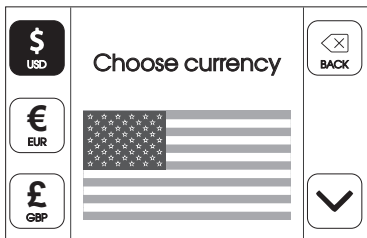
Correct bills feeding   Incorrect bills feeding

Attention! Before placing bills in the hopper, prepare bills accordingly, remove torn, wet, oily or dirty ones.

2.2 Currency selection

To select a currency, press the **CURRENCY** button on the control panel. A list of currencies will appear on the display.
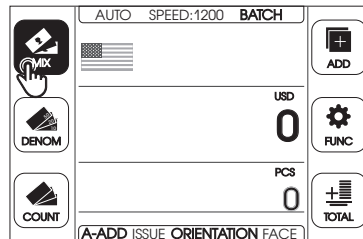
Choose currency

Using the physical buttons on the control panel or the buttons on the display (touchscreen), select the desired currency. After you select the currency, the counter will automatically switch to the main display.

To exit the currency selection menu, press the **BACK** button. To go to the second page of the list of currencies,
click on the down arrow [∨] .

2.3 Operating modes

2.3.1 MIX mode

AUTO   SPEED:1200   **BATCH**

MIX
DENOM
COUNT
ADD
FUNC
TOTAL

USD
0

PCS
0

A-ADD ISSUE **ORIENTATION** FACE
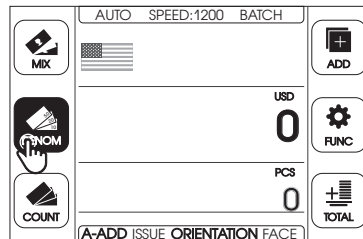
In order to activate the **MIX** mode (MIX), click on the **MIX** icon on the display or on the corresponding button on the control panel. While the mode is active, the **MIX** icon on the display will be highlighted in blue. The **MIX** mode is used to count a stack of bills of different denominations pertaining to one currency. Total number and total value will be displayed on screen.

User may press "**Total**" button on screen and the detailed report will be displayed on screen as a breakdown.

2.3.2 Denomination mode

AUTO   SPEED:1200   BATCH

MIX
DENOM
COUNT
ADD
FUNC
TOTAL

USD
0

PCS
0

A-ADD ISSUE **ORIENTATION** FACE

To enable the **Denomination** mode, click on the **DENOM** icon on the display or on the corresponding button on the control panel. While the mode is active, the **DENOM** icon on the display will be highlighted in blue.

This mode allows a user to count and sort bills by one denomination which is auto-matically determined by the first passing bill. The first bill in the hopper determines the counting denomination. If the denomination on the second, or other bills in the stack, differs from the first bill, the machine will stop the operation. Remove the different denomination.
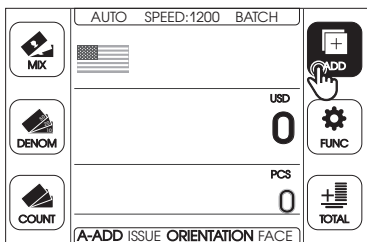
2.3.3 Count mode
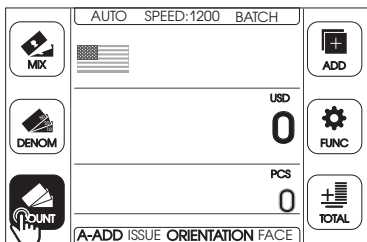
To activate the **COUNT** mode, click on the **COUNT** icon on the display or on the corresponding button on the control panel. While the mode is active, the **COUNT** icon on the display will be highlighted in blue.

This mode is used to count the total number of bills, only the number of counted bills will be displayed. There will be no detection.

2.3.4 ADD mode

To enable the **ADD** mode, click on the **ADD** icon on the display or on the corresponding button on the control panel. While the mode is active, the **ADD** icon on the display will be highlighted in blue. The Summation function is available in the **MIX**, **DENOM** and **COUNT** modes.
The mode is intended for summing the number and denominations of the banknotes, with the result of the last conversion automatically summed up with the result of the previous count until the result is cleared with the **CLEAR** button on the control panel.
In order to disable the **ADD** mode, press the **ADD** icon on the display again or the corresponding button on the control panel.

2.3.5 Batch option

In order to set the number of stack, press **BATCH** on the main display or select the **BATCH** function in the main menu:
1)

2)
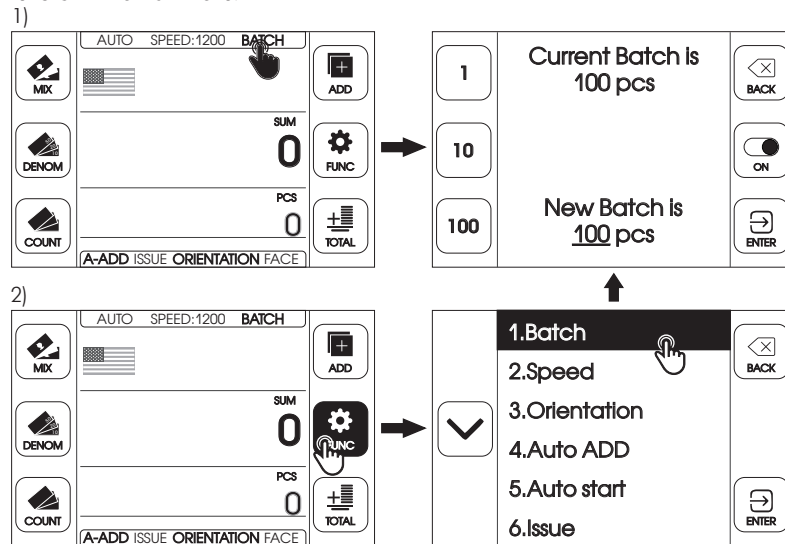
1. Press **FUNC** button to enter the menu options, and then choose **BATCH**.
2. Press the **ON** button to activate the **BATCH** mode. To turn off the packing mode, press the **ON** button again.
3. Set the desired size of the filling with the buttons **1**, **10**, **100**. For example, if you need a size of packing 355 bills, then press **100** button three times , **10** button five times and **1** button five times.
To confirm the size of the packing, press the **ENTER** button and the counter will automatically return to the main display. To exit the setting mode, press the **BACK** button.

2.3.6 Sort by year of issue (ISSUE)

"Sorting by year of release" (**ISSUE**) is used only to count and sort bills of the same denomination if there is an external difference between the bills according to the year of issue. The bills of the latest issue year will be counted while the previous issues bills will be rejected (machine stops operation always when there is an old issue note). Total number and total valiue of counted bills will be displayed on the main screen.
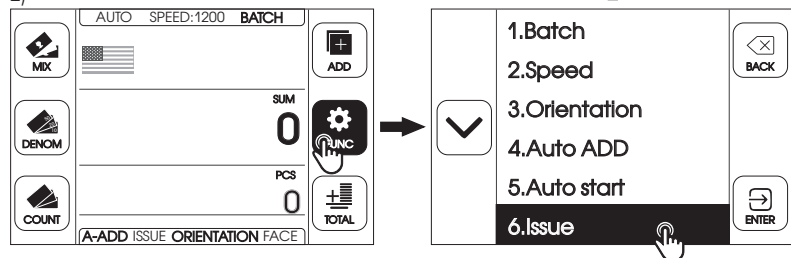**Ths mode is active only in the Demonination mode.**
To turn on the mode, press the **ON** button. To turn the mode off, press the **ON** button again. To exit, press the **BACK** button.
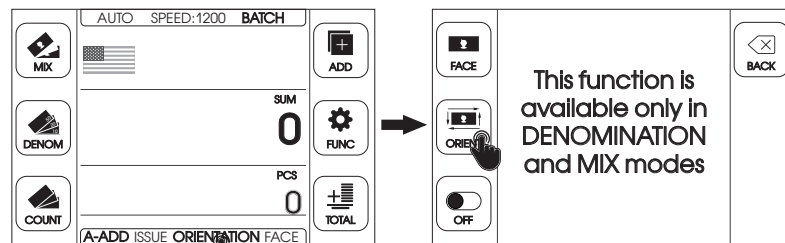1)
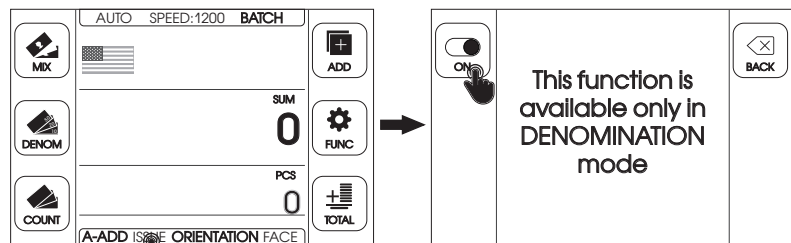
2)

2.3.7 Sort by Orientation mode (ORIENTATION)

The Orientation mode (**ORIENTATION**) is used to sort the bills in one orientation. The orientation is determined by the first counted bill, which will be considered the reference note. The counter will stop for an error if a bill orientation is different from the reference note that was first counted.
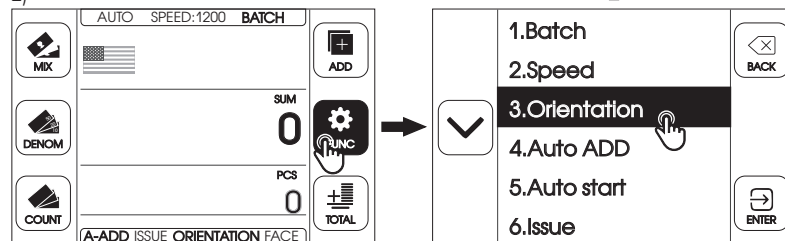
This mode is active in the MIX & Denomination mode.
To turn on the mode, press the **ORIENT** button. To turn the mode off, press the **OFF** button again. To exit, press the **BACK** button.
1)

2)

moving money forward

2.3.8 Face Sorting Mode (FACE)

The face sort mode (**FACE**) is used to sort bills in orientations A and B or C/D (the front side/Rear side of the banknote). The orientation is determined by the first counted bill, which will be considered the reference note. The counter will stop for an error if the banknote orientation is different from the reference note that was first counted.
**This mode is active in MIX & DENOMINATION mode.**
To turn on the mode, press the **FACE** button. To turn the mode off, press the **OFF** button again. To exit, press the **BACK** button.
1)

2)
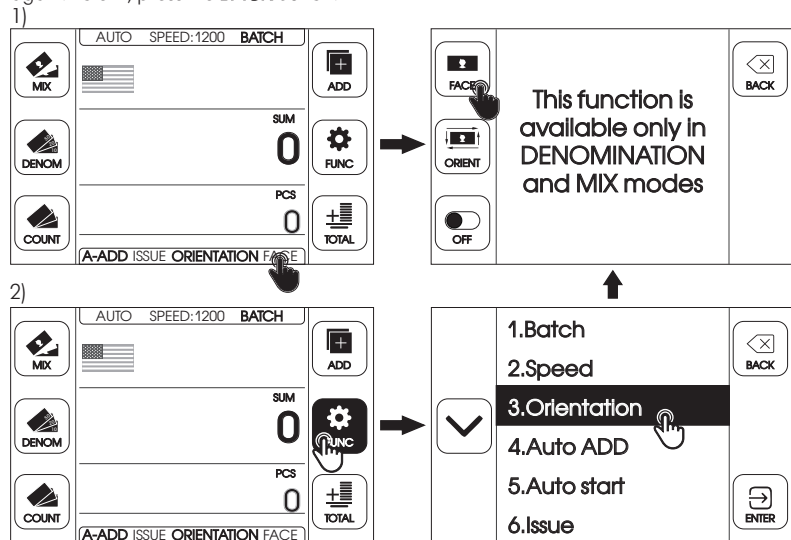
2.3.9 Auto ADD mode (A-ADD)

In active **AUTO ADD** (A-ADD) mode counter will count and sum all bills, which placed in hopper.
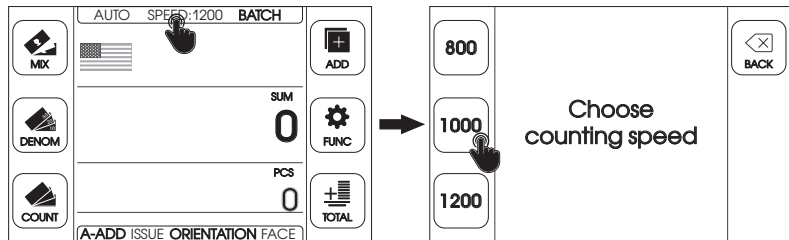Summation will continue until the hopper contains bills. Once the bills in hopper run out, next count will start from null. This mode is useful to count several packs of bills to get total sum of it. You do not need to reset the result of the recalculation. it happens automatically.
To turn on **AUTO ADD** mode press **ON** button. To turn the mode off, press the **OFF** button again. To exit, press the **BACK** button.
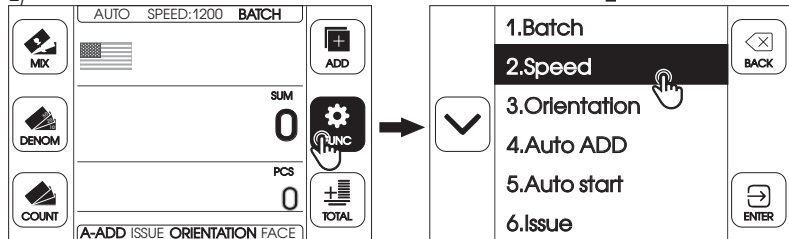1)

2)
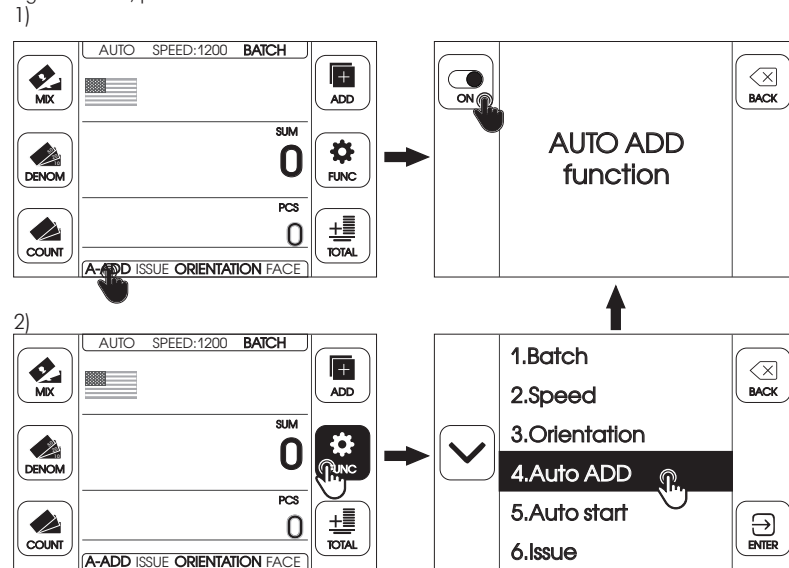
2.3.10 Choosing Speed

Cassida Xpecto has the ability to switch the counting speed of banknotes.

1)

AUTO   SPEED:1200   BATCH

MIX
DENOM
COUNT

ADD
SUM
0
FUNC
PCS
0
TOTAL

A-ADD ISSUE ORIENTATION FACE

800

1000

1200

BACK

**Choose
counting speed**

2)

AUTO   SPEED:1200   BATCH

MIX
DENOM
COUNT

ADD
SUM
0
FUNC
PCS
0
TOTAL

A-ADD ISSUE ORIENTATION FACE

1.Batch
2.Speed
3.Orientation
4.Auto ADD
5.Auto start
6.Issue

BACK

ENTER

Choose one from the three options for speed:
• 800 banknotes / min;
• 1000 banknotes / min;
• 1200 banknotes / min;
To exit the conversion rate selection menu, press BACK.

Attention! The speed above 1000 banknotes / minute is available for the COUNT mode only.

2.3.11 Automatic / Manual start

Automatic start of counting - the counter will automatically start functioning upon loading of backnotes to the loading pocket.
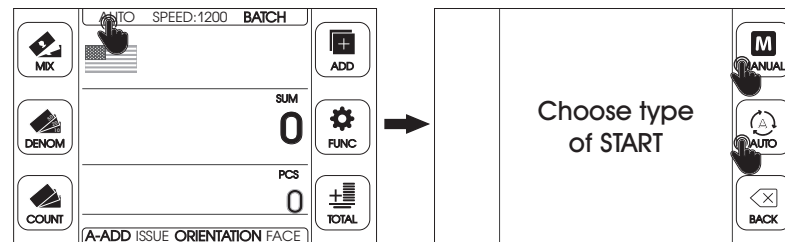Manual start - you must press the **START** button on the control panel after loading the banknotes to the loading pocket so that the counter will start functioning.
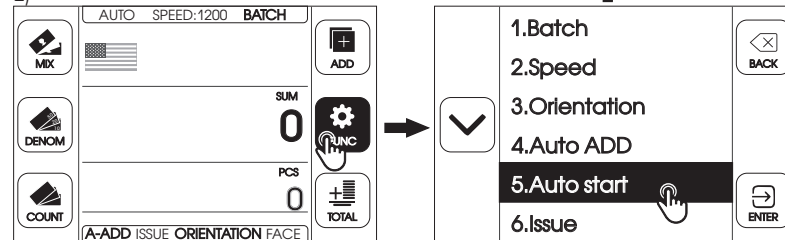**AUTO** – Automatic Start
MANUAL – Manual Start
To exit the menu, press the **BACK** button.

1)

AUTO   SPEED:1200   BATCH

MIX
DENOM
COUNT

ADD
SUM
0
FUNC
PCS
0
TOTAL

A-ADD ISSUE ORIENTATION FACE

M
MANUAL
AUTO
BACK

**Choose type
of START**

2)

AUTO   SPEED:1200   BATCH

MIX
DENOM
COUNT

ADD
SUM
0
FUNC
PCS
0
TOTAL

A-ADD ISSUE ORIENTATION FACE

1.Batch
2.Speed
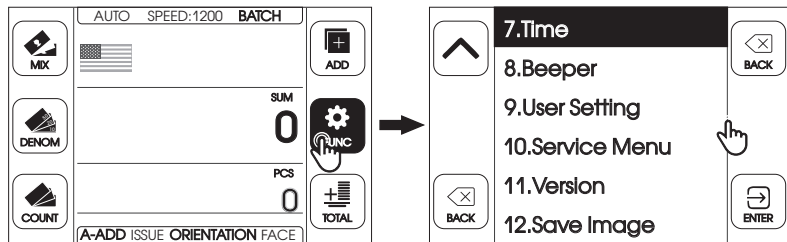3.Orientation
4.Auto ADD
5.Auto start
6.Issue

BACK
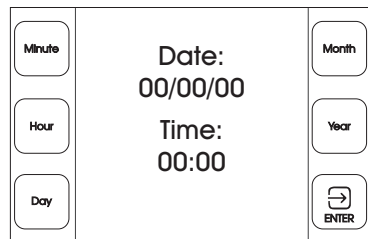
ENTER

2.3.12 Setting the date and time

To set the date and time in the main menu, select **TIME**.

To set the date, use the **DAY / MONTH / YEAR** buttons
.
To set the time, use the **HOUR / MINUTE** buttons.

To save the date and time, press the **ENTER** button.

3.   MAINTENANCE AND TROUBLESHOOTING

3.1 Maintenance

This unit has many sophisticated sensors. To keep the machine running properly, it requires proper maintenance. If you notice performance has deteriorated, please clean all sensors prior to calling a service technician.

⚠ **Unplug the machine completely from all electrical sources before attempting any cleaning process.**

• We recommend you clean the sensors on a daily basis with a damp cloth or specifically designed maintenance accessories, such as an air duster, soft bristle brush or cleaning cards. When cleaning the sensors, please do not use any chemicals or a wet cloth.

Turn off the power and unplug the power cord from the wall outlet. Clean the machine's sensors and components with a soft dry cloth or a compressed air jet.

moving money forward
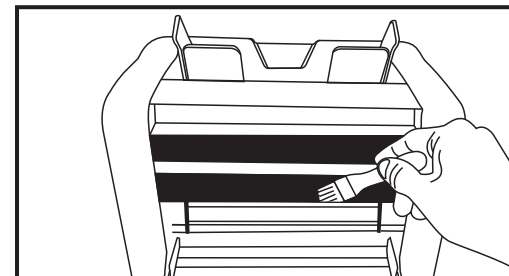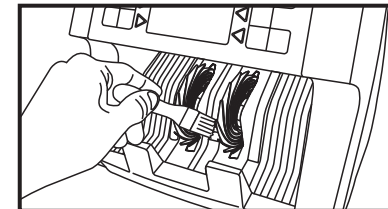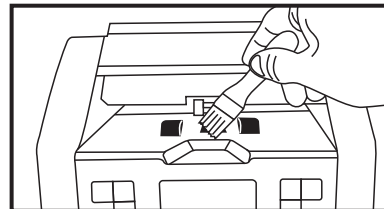
3.2 Troubleshooting

ERROR	DESCRIPTION	SOLUTION
MG ERROR	Suspected to counterfeit by MG	Remove last (suspicious) counted bill from the stacker. This bill not included in total count. Press START to continue the counting.
DOUBLE	2 or more bills have passed at the same time.	Remove all bills from the stacker and count again.
UV ERROR	Suspected to counterfeit by UV	Remove last (suspicious) counted bill from the stacker. This bill not included in total count. Press START to continue the counting.
IR ERROR	Suspected to counterfeit by IR	Remove last (suspicious) counted bill from the stacker. This bill not included in total count. Press START to continue the counting.
CHAIN	Chain of bills have passed at the same time.	Remove all notes from stacker and count again.
IMAGE ERROR	Suspected to counterfeit by CIS	Remove last (suspicious) counted bill from the stacker. This bill not included in total count. Press START to continue the counting.

3.3 Transportation

Store and transport the device in a well-packaged form, avoiding impacts and falls. During transportation, we allow the spread of temperatures from -30˚C to +50˚C, with a relative humidity of not more than 80%.

4. WARRANTY AND CONTACT INFORMATION

Warranty for the goods is one year from the date of purchase. The equipment is removed from the warranty if it does not have a serial number.

Incorrect operation of the device or its mechanical damage caused by improper transportation, storage or operation is not subject to warranty repair.

The guarantee does not cover transportation costs associated with the delivery of the device to the Technical Service Center and back, as well as spare parts.
List of spare parts:
• Feed Rollers;
• Thinning Rollers;
• Belt.

<u>Technical Service Center:</u>

E-mail: fabin.johny@cassida.me
Tel: 042 739 328
www.cassida.me, www.cassidausa.com

When contacting Cassida Technical Support, please have the following:
• Product model – Located at the back side of your currency counter.
• Serial Number – Located at the back side of your currency counter.
• Nature of the problem – what happened and when did it happen? Did the machine display error messages?
• Steps already taken to resolve the problem, and the results.

<u>Address:</u>

Office # 101,
Biyat Complex (Landmarks: Emirates Billiard Centre)
Hor Al Anz East, Behind Al Mamzar Centre
Dubai, United Arab Emirates
PO Box 454867

Cassida