



care about
money



speed



counterfeit
detection



operation
ease



design



support



quality

Designed by Cassida Corporation, USA
cassidausa.com

Printed in China

Cassida
3310

Caring about your money



USER MANUAL

CASSIDA 3310 AUTOMATIC COUNTERFEIT DETECTOR

This manual contains important information on safety measures and operational features for the Cassida 3310. Please read it carefully before operating your currency counter, and keep it handy for future reference.

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1. GETTING STARTED

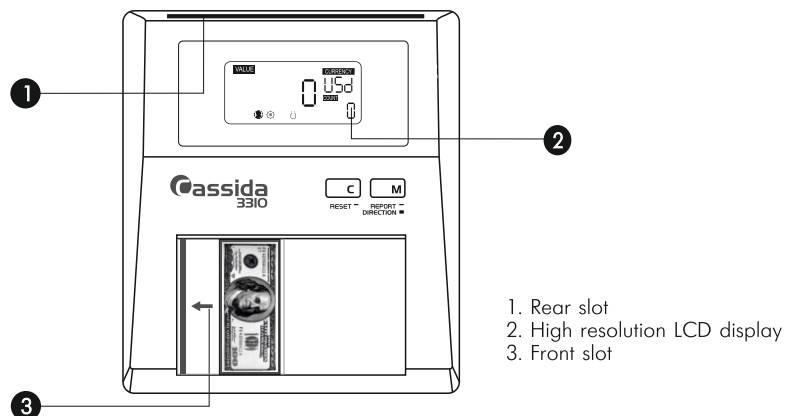
1.1 About the Cassida 3310

Congratulations on your purchase of the Cassida 3310, which incorporates the most powerful counterfeit detection technology available to the industry. The Cassida 3310 verifies Infrared security marks, the most reliable anti-counterfeit protection available for paper currency. With its advanced sensors, the Cassida 3310 detector checks for magnetic marks, conducts bill color spectrum analysis and verifies Infrared security marks. The Cassida 3310 displays totals by denomination, and a grand total value for all verified bills.

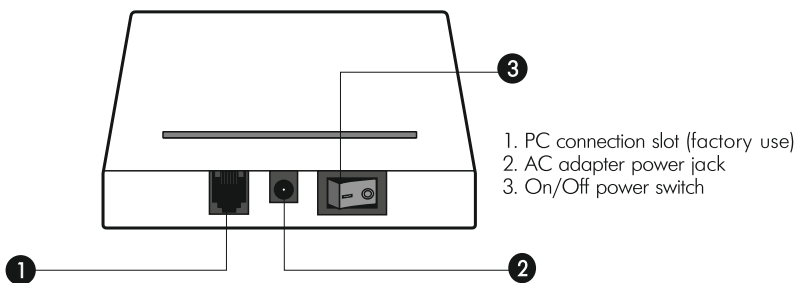
1.2 Box contents

- Cassida 3310 counterfeit detector
- DC power converter with AC power cord
- User manual

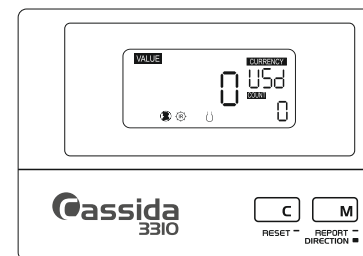
1.3 View of the Cassida 3310



Rear view



Controls

**Button "C"**

(a) Press once to clear all counts

Button "M"

Press once for a detailed report showing number of authenticated bills by denomination, and a grand total. See section 2.4 for more details.

Press and hold to change the direction of ejection for authenticated bills through either the front or rear slot. See section 3.1 for more details

1.4 Important safety notes

When operating this unit, please observe the following basic safety precautions:

- Use only the AC/DC adapter provided with the unit. The use of other AC/DC adapters may result in electrical shock, fire, or cause serious damage to the unit.
- Do not use the unit if the power cord is damaged, or if the plug socket contact is loose. Failure to follow these instructions may result in electrical shock or fire.
- Do not use this unit in areas where it may be exposed to water or any other liquids.
- Unplug the unit from the wall outlet before cleaning.
- To reduce the risk of electrical shock, do not disassemble this product. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electrical shock when the appliance is used again.
- When service or repair work is required, take the unit to a qualified service technician.
- Do not operate the unit in areas with high temperatures or high humidity. The conditions may prevent it from working properly.
- When not using the unit for extended periods of time, remove the power plug from the wall outlet.

2. OPERATION

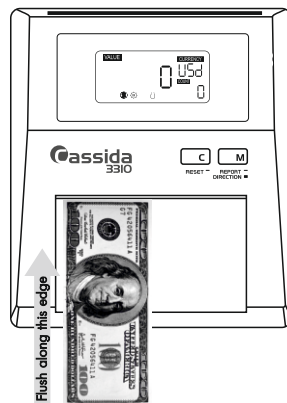
2.1 Powering Up

Connect the AC/DC adapter to the Cassida 3310 unit, and plug the adapter plug into a power outlet. Turn the Cassida 3310 on by pressing the ON/OFF switch located on the rear of the unit (see 1.3, Rear view). The unit will emit a beep and conduct a short self-test. The screen will then display "0", indicating it is ready to operate.

2.2 Checking a Bill's Condition

Avoid inserting bills that are torn, or heavily worn or crumpled. Do not insert bills with staples attached, or that are covered with adhesive tape. Do not insert wet or heavily stained bills.

2.3 Authenticating a Bill



Insert a bill face up as shown above, flush along the left edge of the front slot.

NOTE: Canadian currency should be inserted face down. Due to its sensitive, highly advanced design, the 3310 requires the bill be precisely aligned when it is inserted. Slight deviations when inserting a bill may result in the bill not being properly recognized.

After the bill is positioned in the insertion slot, the detector will automatically feed and scan the bill. If a bill is recognized as authentic, the following will occur:

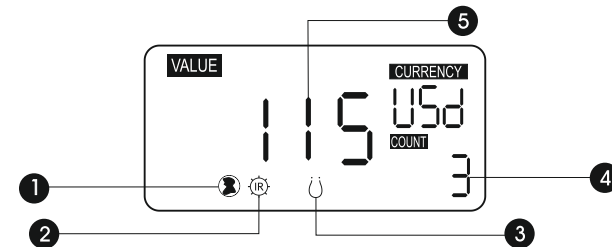
1. The detector will emit a single confirmation beep

2. The authentic bill will be ejected through the rear slot of the machine. (please see Section 3.1 to change eject direction of authenticated bills).

3. The bill's denomination will appear in the LCD display. If a bill is not recognized, the following will occur:

1. The detector will emit a triple warning beep.
2. The non-authentic bill will be rejected through the insertion slot at the front of the unit.
3. One or more of the symbols on the lower portion of the LCD display will blink.

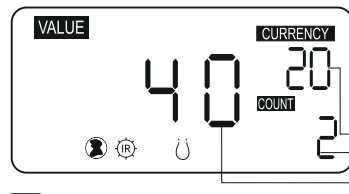
Several seconds after a bill is authenticated, the detector will automatically display the total value of all authenticated bills. To clear all counts, press button "C" once



1. This symbol blinks when a bill's image is not recognized.
2. This symbol blinks when Infrared security marks are not detected.
3. This symbol blinks when magnetic security marks are not detected.
4. Total number of bills authenticated.
5. Grand total value of all authenticated bills.

2.4 Viewing a detailed report

Press button "M" to view detailed report information. Each time the button is pressed, the detector will show report information for a different denomination, starting with the lowest denomination. Bill denomination, number of authenticated bills and their total value will be displayed as shown below.




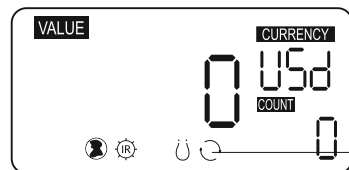
1. Total value for all authenticated bills of displayed denomination.
2. Bill denomination
3. Total number of authenticated bills for this denomination

3. SETTINGS

3.1 Setting bill eject direction

The Cassida 3310 can eject recognized bills through either the front (insertion) slot or the rear slot. NOTE: Rejected (non-authenticated) bills are always ejected through the front slot.

To change ejection direction, press and hold the "M" button for approximately two seconds until the  symbol appears on the bottom of the display

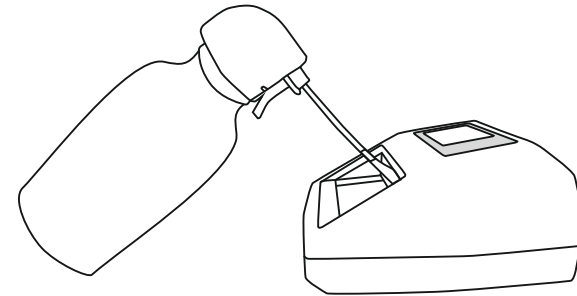


4. MAINTENANCE AND WARRANTY

4.1 Maintenance

Regular maintenance will ensure accurate operation of the unit, and will prolong its service life. Use an air duster to remove dust from the sensors. Insert approximately 1/4 (one quarter) inch of the duster nozzle through the front bill insertion slot to blow off any debris that may have accumulated inside the unit. Do not insert the nozzle more than 1/4 inch, as it may damage the sensor mechanism inside the Cassida 3310 unit.

Use CleanBill cleaning cards to keep the rollers and bill passageway clear of debris and dust.



4.2 Troubleshooting

Because of the printing method used by US Mint bills are not exactly identical. This will occasionally cause a bill not to be recognized on the first run in any automatic detector. This may also occur if a bill is inserted with even a slight deviation from the required pathway. The Cassida 3310 is a very advanced machine and will NOT accept a counterfeit bill. If it recognizes a bill after the second or third attempt, you can be sure it is genuine.

Several other factors can cause the Cassida 3310 to not recognize a genuine bill:

1. Overly wrinkled, overly creased and overly worn bills
2. A physical shock
3. A sudden change in temperature or humidity
4. Extended period of non-use.

If the Cassida 3310 consistently refuses to recognize genuine bills, perform the following reset procedure

A. Immediately after turning the machine on, press and hold buttons "C" and "M" simultaneously.

B. Release the 2 buttons as soon as you see “88” in the lower right corner of the LCD screen. If “88” does not appear within 2-4 seconds, switch the machine off and repeat the procedure.

C. Run a \$100 USD bill through the machine one time. Make sure the bill is issued between 1999 and 2006. The preference for this procedure is to use a bill with average wear; not too worn but not mint condition either.

D. The lower right part of the screen will change to “89” when the detector recognizes the bill. If the machine rejects the bill, try the procedure again or use another bill.

E. Repeat step C with a \$50 USD bill issued between 1999 and 2006. The bill condition guidelines should be the same as those for the \$100 USD bill.

F. Turn the machine off and back on. The detector has been reset and is ready to operate.

4.3 Warranty

In many cases, a unit malfunction can be easily corrected by performing a thorough cleaning. This requires disassembly of the unit to clean each individual sensor. This cleaning is not covered by warranty, and should be performed by your local dealer or the Cassida Technical Service Center.

All Cassida products are warranted for a period of one year from the date of purchase. Warranty does not cover shipment costs to or from the Cassida Technical Service Center. Please contact Cassida's Technical Service Center for any product issues or warranty claims.

Contact information:

- Email: technicalsupport@cassidausa.com
- Phone: 888-800-0303

When contacting the Technical Service Center, please have the following information available:

- Product model – Located on the bottom of the unit
- Serial number – Located underneath the top lip of the bill insertion slot
- Nature of the problem – What happens, and when did it happen? Did the machine display an error message?
- Steps already taken to resolve the problem, and the results.

5. SPECIFICATIONS

5.1 Cassida 3310 specifications

Net Weight:	1.1 lbs
Dimensions(L x W x H):	4.75" x 5.25" x 2.75" (L x W x D)
Sensors:	Internal IR and MG sensors
Power Consumption:	< 10 watts
Power Supply:	AC/DC adapter, 12vdc output Input voltage 100-240 VAC

Revision 3.0
Designed by Cassida USA
Made in China

