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

1.1 About the Cassida C200

Thank you for choosing the Cassida C200 coin sorter. We hope you enjoy using it.

The Cassida C200 coin counter/sorter/wrapper is a multifunctional coin processing machine which incorporates all of the features of a professional coin counter/sorter/wrapper at a very affordable price. Its large hopper is capable of holding 2000 coins (dimes) and the coin trays can each accumulate up to 900 coins (dimes) at a time. Displaying the subtotal for each denomination and the total value make the Cassida C200 an easy all-in-one tool for any coin handling needs. The Cassida C200's lightweight, compact and stylish design will easily fit into your business environment.

1.2 Box contents

- Cassida C200 Automatic Coin Counter / Sorter / Wrapper
- User manual
- Cleaning cloth
- Coin tubes (5 for US model, 6 for Canadian model)
- Remote display (optional)
1. Control panel
2. Coin hopper
3. Coin trays
4. Plastic housing
5. Rear access panel
6. Power switch
7. Remote display port

- Holds coins that need to be counted.
- Each tray holds a specific denomination of counted and sorted coin.
- When removed, provides access to the counting mechanism for cleaning and repair purposes.
- Provides easy access to the interior mechanism to remove foreign objects and coins.
- Turns the machine on and off.
- Connection for optional remote display.
## 1.4 Control panel

<table>
<thead>
<tr>
<th>Name</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>START/STOP</td>
<td>Starts or stops operation of the machine</td>
</tr>
<tr>
<td>C</td>
<td>Clears the display and resets the count</td>
</tr>
<tr>
<td>SET</td>
<td>Shows batch quantities set for each denomination</td>
</tr>
<tr>
<td>BAT</td>
<td>Selects preset batch quantities (0, 10, 20, 25, 50, 80, 100, 120, 150, 200, 300, 400, 500)</td>
</tr>
<tr>
<td>- (Minus)</td>
<td>Decreases batch quantity by a value of 1</td>
</tr>
<tr>
<td></td>
<td>Also used to clear all batch quantities when pressed for 2-3 seconds</td>
</tr>
<tr>
<td>+ (Plus)</td>
<td>Increases batch quantity by a value of 1</td>
</tr>
<tr>
<td></td>
<td>Switches between value reporting and quantity reporting</td>
</tr>
<tr>
<td></td>
<td>Also used to set batch quantities for coin rolls when pressed for 3-4 seconds</td>
</tr>
<tr>
<td>REPORT</td>
<td>Shows value (or quantity) of coins counted for each denomination</td>
</tr>
</tbody>
</table>

Cassida C200 coin counter/sorter/wrapper
### 1.5 Specifications

<table>
<thead>
<tr>
<th>Coin tray capacities</th>
<th>Denomination</th>
<th>US model</th>
<th>Canadian model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$2</td>
<td>n/a</td>
<td>125</td>
</tr>
<tr>
<td></td>
<td>$1</td>
<td>130</td>
<td>130</td>
</tr>
<tr>
<td></td>
<td>25¢</td>
<td>350</td>
<td>190</td>
</tr>
<tr>
<td></td>
<td>10¢</td>
<td>900</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>5¢</td>
<td>450</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>1¢</td>
<td>300</td>
<td>300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Batch range</th>
<th>0-500 coins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control panel display</td>
<td>7 digit LED</td>
</tr>
<tr>
<td>Dimensions</td>
<td>284mm (w) x 260mm (h) x 275mm (d)</td>
</tr>
<tr>
<td></td>
<td>11.18&quot; (w) x &quot;10.24 (h) x 10.83&quot; (d)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.95 kg (8.7 lbs)</td>
</tr>
<tr>
<td>Counting speed</td>
<td>up to 300 coins/minute</td>
</tr>
<tr>
<td>Input power</td>
<td>110 VAC / 60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>45 watts maximum</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>0°C – 40°C (32°F – 104°F)</td>
</tr>
<tr>
<td>Ambient humidity</td>
<td>30 to 80%</td>
</tr>
</tbody>
</table>
1.6 Important safety notes

When using this unit, basic safety precautions should always be observed, including the following:

- Do not use this unit in areas where it may be exposed to water or any other liquids.

- 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.

- Make certain 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.

- Do not start the unit when the rear access panel is open. Ensure no coins are in the hopper when the machine is first turned on.

- When not using the unit for an extended period of time, disconnect the power cord from the wall outlet.

- Unplug the unit from the wall outlet before cleaning. Use a damp cloth or specifically designed maintenance accessories such as a Cassida air duster or soft bristle brush.

- To avoid the risk of electrical shock, do not disassemble this unit. Disassembly will expose you to dangerous voltages and other safety risks. Incorrect reassembly can cause electrical shock when the appliance is subsequently used.

Take the unit to a qualified technician when service or repair is required. Do not try to replace any parts yourself.
2. GETTING STARTED

2.1 Powering up

IMPORTANT: Before turning on the Cassida C200, make certain no coins are present in the coin hopper. This will cause an “ER” error when the C200 self-test is performed. To clear the “ER” error, press the “START/STOP” button, then empty any coins present in the coin trays.

Turn on the power switch located on the rear of the unit. The machine will conduct a self-check. The main display will show “0” when the test has successfully completed.

2.2 Counting

The C200 always operates in a batching mode. To enable simple counting, all batch quantities need to be set to zero. To set batch quantities to zero, press and hold the “-” button for approximately three seconds until “E” is displayed on the left side of the LED display.
• Before loading the hopper, make sure there are no uncounted coins remaining in it from the previous count.

• To count coins, place them into the hopper and press the “START/STOP” button.

• The C200 will start counting and will automatically sort all coins into the appropriate coin trays.

• The machine will automatically stop when all coins in the hopper are counted, or if the batch quantity for any coin denomination is reached.

• To stop the machine, press the “START/STOP” button.
• To resume counting, press the “START/STOP” button.

• When a coin tray becomes full, please stop the machine and empty the tray to ensure correct machine operation. Stopping the machine will not alter or reset the count. You can continue counting by pressing the “START/STOP” button.

• As it counts, the Cassida C200 will automatically display the total value of counted coins on the screen.

To view the value of coins counted for each denomination press the “REPORT” button. The denomination will appear on the left and value of coins counted on the right part of the screen. To display the number of coins counted, press the “+” button.

While in the REPORT mode, pressing the “+” button will switch the display between value of coins counted or number of coins counted. The C200 will remember the last setting chosen for the report display.

• To reset the coin count before starting a new batch, press the “C” button.

2.3 Adding

The C200 operates in ADD mode by default. In ADD mode, the coin count is added to the count from previous batches. To start a new count, press the “C” button. This will reset the coin count to zero.

2.4 Setting Batch Quantities

You may batch the desired quantity of each coin denomination. Each denomination can be assigned a batch quantity.
1. Setting batch quantities for coin rolls

- Press and hold the "+" button for approximately three seconds until "L" is shown in the display. This automatically programs each coin denomination for bank coin roll amounts as follows:

<table>
<thead>
<tr>
<th>Coin</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2</td>
<td>25 (Canadian model only)</td>
</tr>
<tr>
<td>$1</td>
<td>25</td>
</tr>
<tr>
<td>25¢</td>
<td>40</td>
</tr>
<tr>
<td>10¢</td>
<td>50</td>
</tr>
<tr>
<td>5¢</td>
<td>40</td>
</tr>
<tr>
<td>1¢</td>
<td>50</td>
</tr>
</tbody>
</table>

2. Setting other batch quantities

- Press "Set" until the desired denomination appears on the left part of the screen.

- To assign a batch quantity for this denomination press the "BAT" button until a desired batch quantity appears on the display (0, 10, 20, 25, 50, 80, 100, 120, 150, 200, 300, 400, 500). Fine adjustments to batch quantity can be made by pressing "-" or "+" button.

- Repeat procedure to set the desired batch quantities for other coin denominations.

The C200 will stop when a desired batch quantity is completed for any of the denominations. The denomination will be displayed on the left and the total count for that denomination will be displayed on the right side of the screen.

NOTE: When operating in batch mode, the C200 will keep a running total for each denomination coin. For example, after four batches of 50 pennies have been dispensed, the C200 will stop and display:

\[
lc \ 200 \quad \text{(quantity reporting)}
\]

or

\[
lc \ 2.00 \quad \text{(value reporting)}
\]
To resume counting, press “START/STOP” button.

Pressing the “C” button will reset the count and the machine will start batching from zero.

The batch quantities you choose will be stored in the C200’s internal memory, and will not be reset when the machine is turned off.

2.5 Clearing Batch Quantities

You may clear all batch quantities by pressing and holding the “-” button for approximately three seconds. The C200 will then beep and display “C” message on the control panel, indicating all batch quantities have been reset to zero.

2.6 Using the Coin Tube Attachments

The C200 coin tube attachments allow you to sort coins directly into preformed paper bank roll wrappers.

To use the coin tube attachments, perform the following steps:

1. Remove the coin tray(s) for the denomination coins that will be using coin tubes.

2. Insert the appropriate preformed paper wrapper in the coin tubes with the cramped end down. Ensure the top of the paper wrapper is below the top lip of the coin tube as shown in Figure 1.

Figure 1 – Coin roll inserted into coin tube
3. Attach the coin tubes to the C200 by gently sliding each tube into the proper slot in the base of the machine as shown in Figures 2 and 3.

Figure 2 - Installing coin tube

Figure 3 - Coin tube in proper position

Coin tube locations for US and Canadian models are shown in Figures 4 and 5.

Figure 4 - US model

Figure 5 - Canadian model
4. Set coin roll batch quantities (see section 2.4) for each coin denomination by pressing and holding the "+" button for approximately three seconds until "L" is shown in the display. This programs each coin denomination for standard bank coin roll sizes.

- $2  25 (Canadian model only)
- $1  25
- 25¢  40
- 10¢  50
- 5¢  40
- 1¢  50

5. Load coins into the coin hopper and press the "START/STOP" button. The C200 will automatically dispense the correct number of coins into each coin tube.

6. When the number of dispensed coins equals the batch quantity for any denomination, the C200 will stop and display a message on the control panel. For example, after the first batch of 50 pennies has been counted, the front panel will display:

   $C  or  50  (quantity reporting)

   $C  or  0.50  (value reporting)

   **NOTE:** When operating in batch mode, the C200 will keep a running total for each denomination coin. For example, after four batches of 50 pennies have been dispensed, the C200 will stop and display:

   $C  or  200  (quantity reporting)

   $C  or  2.00  (value reporting)

7. Remove the full coin tube from the C200 and slide out the paper wrapper containing the coins. Crimp the open end of the wrapper. Insert an empty paper wrapper in the coin tube and reinstall the coin tube.

8. Press the "START/STOP" button to continue batching.
3. MAINTENANCE AND TROUBLESHOOTING

3.1 Maintenance

Most operational problems can be avoided by regular care and preventative maintenance. Taking regular care of your coin sorter will significantly increase its lifetime and help you avoid costly repairs.

IMPORTANT: You should always turn the machine off and disconnect the power cord before cleaning the machine.

To get the best results out of your machine, the following maintenance is recommended on a regular basis:

- Clean all external parts of the machine with a Cassida air duster or a soft cloth. Do not use solvents, as they may damage the C200.

- Clean all the sensors using the procedure described below.

1. Remove the three housing screws and carefully lift up the housing.

2. Clean all sensors and other dusty parts using a Cassida air duster followed by a CleanPro swab. See Figure 6 for sensor locations.

3. Replace the housing. The housing must be properly lined up with the AC power cord at the back of the machine. Do not force the housing into place, as this could damage the coin feed mechanism built into the housing.
Clean all sensors and other dusty parts using compressed air or a soft bristle brush.

running sensor

coin sensor

counting sensors

Figure 6 – Sensor locations
### 3.2 Troubleshooting

#### Error message display

<table>
<thead>
<tr>
<th>Error code</th>
<th>Cause</th>
<th>Corrective action</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1 - E8</td>
<td>A counting sensor may have collected dust, or is obscured by a foreign object.</td>
<td>Clean the counting sensor using a Cassida air duster and CleanPro swab (see section 3.1). Inspect coin outlet openings for possible foreign material that may be present (rubber bands, paper, etc.)</td>
</tr>
<tr>
<td>E9</td>
<td>Running sensor does not detect rotation of the coin platter.</td>
<td>Clean the running sensor (see section 3.1). Inspect the interior of the machine for possible foreign material that may be preventing the coin platter from rotating. If the error persists, contact Cassida Technical Support (see section 3.3).</td>
</tr>
<tr>
<td>E10</td>
<td>1. Coins present in the hopper when the machine is turned on. 2. Dirty coin sensor.</td>
<td>1. Press the “START/STOP” button to clear the error. Empty any coins in coin trays back into the hopper. 2. Clean the coin sensor using a CleanPro swab (see section 3.1).</td>
</tr>
</tbody>
</table>

### 3.3 Warranty

**Warranty registration:**
To activate your warranty please register your product online by visiting http://cassidausa.com/register.html

The Cassida C200 coin counter/sorter/wrapper is warranted for a period of one year from...
the date of purchase. In most cases, the malfunction of the machine can be resolved by cleaning the unit. Please refer to section 3.1 for guidelines.

**Shipping:**
The warranty does not cover shipping cost to or from Cassida's Technical Service Center.

**Non-warranty service:**
Cassida can perform maintenance and cleaning for an extra fee. For a non-warranty repair or maintenance quotation, contact Cassida Technical Support.

### 3.4 Contact information

**Technical Support contact information:**

- **email:** technicalsupport@cassidausa.com
- **phone:** 1-888-800-0303
- **http://cassidausa.com**