AccuBANKER®

User Guide

AB550

Commercial High Speed Coin Counter & Sorter

Thank you for trusting *AccuBANKER* with your cash handling needs.

In order to optimize the performance of your equipment, we encourage you to thoroughly read this user guide prior to use.

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Safety Instructions

Warning

	Do not use this product in areas where it may be exposed to water or other liquids.
	Unplug this product from the electric outlet before cleaning. Do not use liquid or aerosol cleaners. To clean, use a damp cloth.
	To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
	Only use the cable provided with the unit. The use of other cables may result in electric shock, fire, or cause serious damage to the unit.
	Do not operate the unit in areas with high temperature or high humidity since it may prevent it from working correctly.

Caution

When unplugging the power cord, do not pull it by the cord, but rather grip the plug to pull it out. Not following these instructions may result in electric shock, fire, or damage to the unit.

Do not use the unit if the power cord is damaged or if the plug socket contact is loose. Not following these instructions may result in electric shock, fire, or other hazards.

Do not place heavy objects over the cord and do not bend it excessively since it could get damaged. Not following these instructions may result in electric shock, fire, or other hazards.

When not using the unit for a long time, remove the power plug from the electric outlet.

Safety Instructions (cont.)

- Read and understand all of the safety instructions.
- Follow all warnings and instructions marked on the unit.
- This product is meant to be operated in an indoor environment with proper ventilation.
- Do not place near direct sunlight, heat sources, or air conditioners.
- This product should only be operated with the power cord supplied and the type of power source indicated in this user guide. If you are not sure of the type of power supply in your location, consult your vendor or local power company.
- To avoid the risk of fire or electric shock, never push objects into the unit through the case slots or openings, since they may touch dangerous voltage points or shortcut parts. Do not disassemble the unit.
- Never spill liquids of any kind on the product.
- Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - When the power supply cord or plug is damaged or frayed*
  - If liquid has been spilled into the unit, or it has been exposed to rain or water*
  - If the product has been dropped or the case has been damaged*
  - If the product shows a noticeable change in performance

  *Not covered under warranty

NOTE: *Do not remove the "ground" prong from the power cord. It is a safety feature meant to protect the user from harm and the equipment from damage.*

⚠ If the unit does not operate normally while following the instructions, adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

Safety Instructions (cont.)

Avoid filling the coin bags without resting on the surface of the table.

To avoid the unit falling (due to the weight), place the bags on the table during the count.

Incorrect

Correct

1. Introduction

The AB550 is a Coin Counter unit that allows the user to count and sort coins at high speed.

This unit was designed with heavy-duty mechanical components to meet the demanded by users who want to count high volumes of coins.
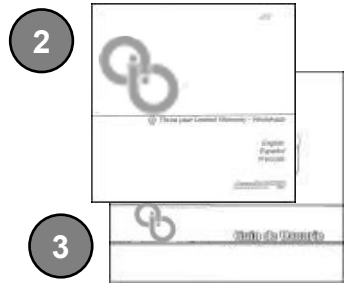
Core Four Features:
- Automatically counts & sorts mixed denomination coins with 5 sorting trays & coin sorting bags
- Heavy-duty coin sorter designed to sum the total value of coins counted per denomination
- Counting and sorting speeds of up to 1,200 coins per minute. Our fastest coin sorter!
- Hopper Capacity of up to 1,500 coins based on dimes

2. Box Contents

When opening the box, verify that all the items described below are included.

1. AB550 Coin Counter
2. 3 Year Warranty booklet
3. User Guide
4. Coin drawers (5pcs)
5. Coin bags (5pcs)
6. Power cable
7. Coin conveyor
8. Brush

3. Part Description

Main Parts and Components

1. Hopper
2. Display / Control panel
3. Top cover lock
4. Coin Tray

5. Power switch
6. Power jack
7. Printer serial port
   (printer sold separately)

4. Control Panel Description

"PRINT" key
Press and hold (3 sec.) this key to print a receipt with the count details.

"REPORT" Key
The unit keeps a running total when the trays are emptied. Use the report, to view the total count.

"BAT" Key
Quickly press this key, the batch number increases by 10 units and 20 units. When it is in SET mode, press and hold this key, and the batch number increases continuously 10 units and 20 units.

"+" Key
In the SET mode, quickly press this key, the number decreases by 1 unit. In the SET mode, press and hold this key, the number decreases continuously by 1 unit.
In the counting mode, press this key to choose down the counting result which needs to clear.

4. Control Panel Description (cont.)

"-" Key
In the SET mode, quickly press this key, the number decreases by 1 unit.
In the SET mode, press and hold this key, the number decreases
continuously by 1 unit.
In the counting mode, press this key to choose down the counting result
which needs to clear.

"SET" Key
Press this key to enter SET mode.
Continue to press this key to scroll through options.

"START/STOP" Key
Used to start counting or stop counting.

"Clear" Key
Short press this key to remove the individual set value.
Short press this key to remove the individual counting result (clear the
flashing individual result after pressing the key "+" or "-").
Long press this key to remove all the set or all the counting results.

4. Control Panel Description (cont.)

Batching Example

The unit is set up by default with the maximum quantity of coins for every denomination per tray and roll (quantities may vary depending on the currency programmed).

LCD Display

Mode	⟶ **TRAY**			
		0.01	300 ◀────	**Batch Quantity**
Currency	⟶ **USD**	0.05	400	
		0.10 **BAT**	400	
		0.25	300	
		1.00	100	

1. Press **BAT/MODE** to select the sorting mode.

2. Press **SET** to enter the batch menu; press **SET** again to select the desired denomination to modify.

3. Press **CLEAR** to clear the batch value.

4. Press **BAT/MODE** to increase the batch value by 10 and 20 units.

5. Pressing **+** and **-** increases and decreases the batch value by 1 unit.

6. Press **START/STOP** to confirm the batch selection.

5. Operation

Coin Sorting

The AB550 can be used for counting and sorting large volumes of coins with multiple and mixed denominations using two counting modes.

1. Connect the unit to a power outlet and turn on the unit.

2. If the user prefers to count or sort small batches of coins, the user should use the coin drawers to collect coins per denomination.

3. If the user prefers to count or sort large quantities of coins, the user should use the coin bags to collect coins per denomination. Make sure the bags rest on top of the table to avoid the machine might fall down.

4. Deposit all the coins in the Coin Hopper and press "START" to begin coin counting.

5. The coin batches are set up as default to allow the coin drawer to reach maximum capacity, the unit will automatically stop and the user should empty each drawer to continue counting.

6. Press the "PRINT" button to print a detailed report of the last count.

6. Jamming

Facing a jamming event

To ensure that the equipment operates with optimal performance as well as to prevent jamming, avoid the following:

- Counting bent or damaged coins or tokens
- Counting any type of foreign object like clips, staples, paper, nylon, rubber bands, etc.

If any jamming occurs, the machine will stop counting and the turning plate will move in the opposite direction to remove the jammed object by itself.

In case the unit is unable to remove the object itself:

1. Please turn the power switch OFF and make sure that the unit is disconnected from the power outlet.

2. Release the front latch to open the unit's top cover to access the interior to look for the jammed coin and remove it carefully.

3. Connect the unit back to the power outlet and turn the power switch ON.

4. Confirm that the unit is now working properly.

5. If the issue persists, contact our technical support agent for further assistance.

7. Daily Maintenance

1. Turn the power switch OFF when the last count has been completed.

2. Clean the Hopper coin plate and the coin track (use a brush and an air duster to do so).

3. Turn off the unit if it won't be used for long a time

4. If you realize the unit is not performing as usual, or you are experiencing technical problems, please contact your local dealer for technical support.

8. Error Code Messages

ERROR	CAUSE	SOLUTION
E1-E8	Counting sensor error	Counting sensor is dusty or damaged, contact support
E9	Detecting sensor error or machine has a coin jam	Remove the jammed coin, contact support
E10	Motor detecting sensor error	Code sensor or motor damaged, contact support

9. Specifications

Temperature	32° - 104°F (0° - 40°C)
Humidity	25% - 80%
Display	LCD
Sorting Type	Automatic
Available Currency	USD
Counting Speed (based on dimes)	1,200 coins/minute
Hopper Capacity (based on dimes)	1,500 coins
Coin Drawer Capacity (based on dimes)	550 coins
Power Source (INPUT)	110 VAC / 60 Hz (Contact Us for 220 VAC / 50 Hz)
Power Consumption	50 Watts Max.
Accepted Coin Diameter	17 - 31 mm 0.67 - 1.22 in
Accepted Coin Thickness	1.35 - 2.15 mm 0.053 - 0.085 in
Printer Compatibility	MP20 Printer Compatible Sold Separately
Thermal Printer Paper Dimensions	Dimension: 2.25" x 125' Max. Core Diameter: 0.5"
Product Dimensions (L x W x H)	16.1 x 9.4 x 12.5 in (41 x 24 x 32 cm)
Product Weight	18 lb (8.1 kg)

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