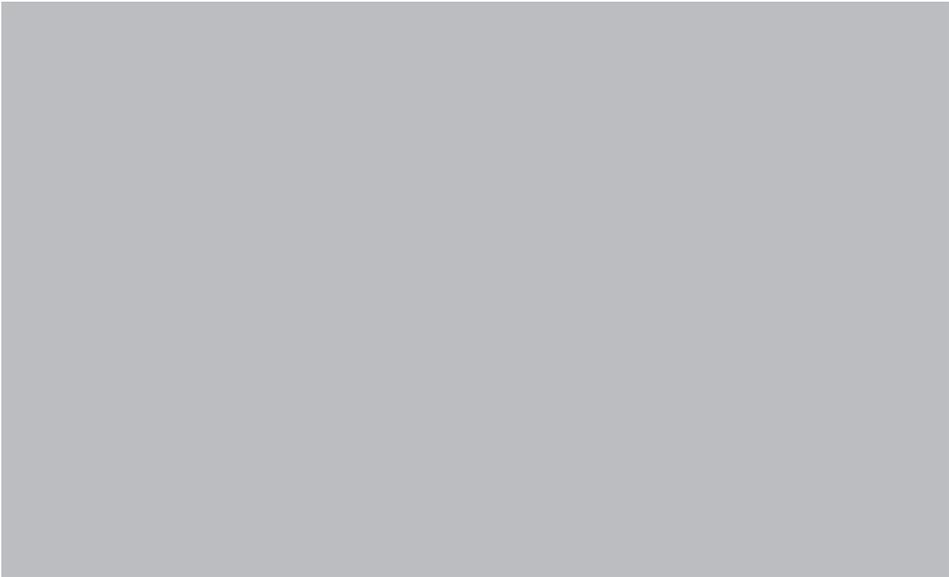


BILL COUNTER



SAFETY INSTRUCTIONS

The safety recommendations outlined in this section should be read and understood before operating this machine. When using this machine follow these basic safety precautions to reduce risk of fire, electric shock or injury. Keep this information for future reference.

Warning

When using this machine follow these basic safety precautions to reduce risk of fire, electric shock or injury.

1. Do not place the machine in an area where it may be exposed to water or other liquids.
2. Before cleaning the machine always unplug the machine from the wall. Do not use liquid or aerosol cleaners on the machine.
3. To reduce the risk of electrical shock, do not take apart the machine. When service or repair work is needed bring it to a qualified service repair technician.
4. Only use the power cord that comes with the machine. Using a different power cord may result in electric shock, fire or cause serious damage to machine.
5. Do not use the machine in areas with high temperature or high humidity. This may result in the machine not working properly.

Caution

1. When unplugging the power plug, grip the plug to pull it out. Pulling the cord may result in electric shock, fire, or damage to the machine.
2. Do not use the machine if the cord is damaged. This may result in electric shock, fire, or other hazards.
3. Do not place objects on the power cord and do not bend it excessively. This may result in electric shock, fire or other hazards.
4. When not using the machine for long periods of time, unplug the power cord from the outlet.

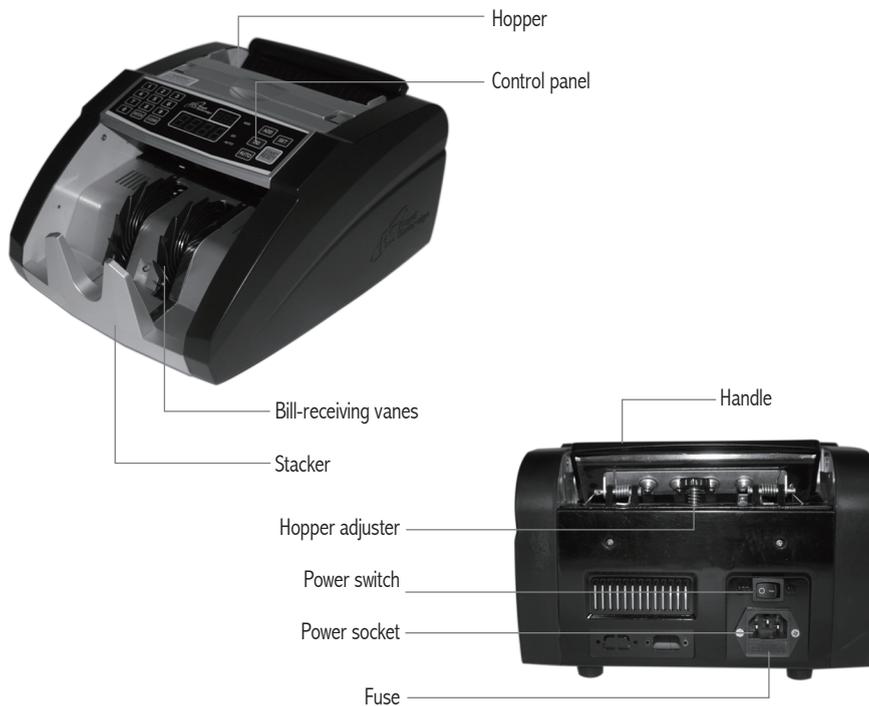
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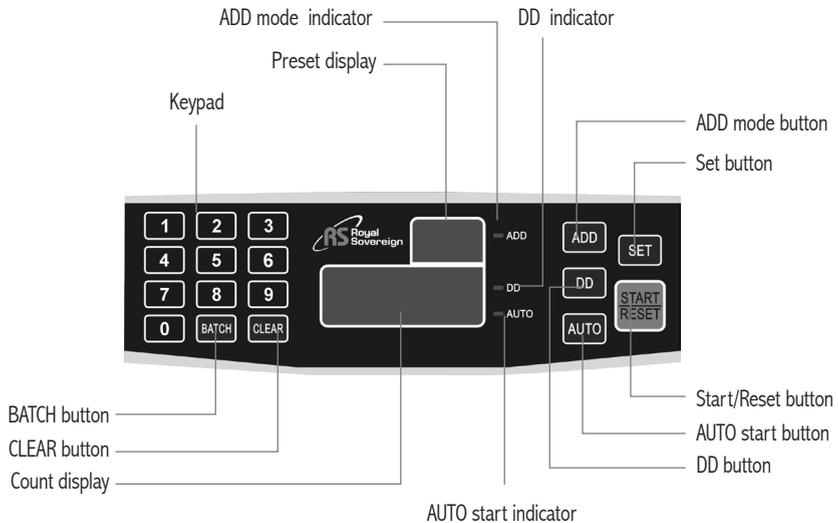
BOX CONTENTS

Bill Counter and Power Cord

PARTS



CONTROLS



FEATURES

Automatic Self-Test

The machine will automatically perform a self-test when it is turned on. The count display will show 0 and the preset display will show nothing. If there is a problem, the preset display will show an error code (See ERROR CODE DISPLAYS).

Auto and Manual Start Modes

The machine is preset to automatically start counting bills once placed into the hopper. To change to the manual start mode, press AUTO, insert the bills into the hopper, and press Start/Reset. Press AUTO again to return to auto mode.

Dimension Detection (DD)

The machine checks the width of the bills inserted. If there are bills that are different widths like foreign bills or bills stuck together, the machine will stop allowing for removal of the bill. The DD indicator will turn on when this function is in use. The DD button is used to turn on this function.

Common Counting

The machine will count all of the bills placed in the hopper.

Batch Counting

The machine is preset to common counting mode, which automatically counts all bills placed into the hopper. To count bills in batches, press BATCH. Batching is preset to 100 bills. To change batch amount, use the keypad to enter a batch number between 1 and 999. Press BATCH or CLEAR key again to clear.

Accumulative Counting (ADD mode)

ADD mode is used to get an accumulative total of the bills counted. It will count the bills placed into the hopper and add that amount to the next bills counted. The ADD mode indicator will turn on when this function is in use. The ADD button is used to turn on this function.

Continuous Duty Cycle

Fast bill counting of 1000 bills per minute with a continuous duty cycle of 2 hours.

SET KEY function

SET the sensitivity of DD and Double. Press "SET" key once, preset window display "DD", and counting window display 1~5 at the same time, the number is for DD sensitivity, 1 is for lowest, 5 is for highest. Press number key to set it directly. Press "SET" key twice, preset window display "Double", and counting window display 1~5, the number is for Double sensitivity, 1 is for lowest, 5 is for highest. Press number key to set it directly.

OPERATION

1. Plug in power cable and turn power switch on.
2. Select functions.

Common counting mode

Use this mode to count all of the bills placed into the hopper. To set the machine to common counting mode, press the AUTO button. Once bills are placed into the hopper the machine will automatically begin counting. The number of bills counted will be shown on the count display. When you remove the bills from the stacker and begin counting a new set of bills the count display will reset to 0.

Batch counting mode

Use this mode to count bills into batches. To count bills in batches, press the BATCH button. Batching is preset to 100 bills. To change batch amount, use the keypad to enter a batch number between 1 and 999. Once bills are placed into the hopper the machine will automatically begin counting. When it reaches the preset batch amount the machine will stop. Remove the batch of bills from the stacker and the machine will begin counting the next batch. If the quantity of the remaining bills in the hopper is less than that batch amount you will need to place more bills into the hopper to finish counting the batch. Press BATCH or CLEAR key again to clear.

Accumulative counting (ADD) mode

Use this mode to add the quantity of bills counted to get an accumulative total. To set the machine to ADD mode, press the ADD button. The ADD indicator will light showing that this mode is turned on. Place bills into the hopper and the machine will automatically begin to count them. When you remove the counted bills from the stacker and place new bills into the hopper it will continue counting where it left off on the previous set of bills. To stop using ADD mode press the ADD button again and the indicator light will shut off.

Dimension Detection (DD) mode

To check for foreign or abnormal sized notes, use DD mode to check the width of the bills being counted. Press the DD button and the DD indicator will light showing that the function has been turned on. If the machine finds an abnormal sized note it will stop counting and beep. The preset display will show DD. Remove the bill and press reset to begin counting. To turn off DD mode press the DD button and the DD indicator light will shut off.

3. Test Run

Test the machine to make sure it is set to count your currency. Prepare at least 5 bills to test the machine.

Place the bills in the hopper and run the machine.

If the machine counts the bills and there are no errors, it is ready to use.

If:

1. The bills are deformed
2. The machine is considerably slow
3. Error message is lit frequently

The hopper tension is too tight. To loosen this tension, please turn the Hopper adjuster slightly towards the left.

Place the bills back into the hopper to test the machine again. If errors occur, adjust as necessary.

If:

1. The bills are flying out
2. The display shows a miscount
3. Error message is lit frequently

The hopper tension is too loose. To tighten this tension, please turn the Hopper adjuster slightly towards the right.

Place the bills back into the hopper to test the machine again. If errors occur, adjust as necessary.

When the machine is running without any errors, it is ready to use.

4. Insert bills into the hopper to begin counting.

ERROR CODE DISPLAY

When an error code appears in the preset display window and the machine stops. Please refer to this chart for an explanation.

Error Code	Reason
ER0	Left counting sensor
ER1	Right counting sensor
ER2	Hopper sensor
ER3	Stacker sensor
ER8	Width detection sensor
EC1	Half bills, or ripped bills. Remove the bills and press RESET.
EC2	Double bills, 2 or more bills stuck together. Place the bills from the stacker back into hopper and press RESET to continue counting.
EC3	Chain of bills, 2 or more bills counted at the same time. Place the bills from the stacker back into hopper and press RESET to continue counting.
DD	Different width bills. Remove the bill and press RESET to continue counting.

If you are receiving error codes ER0-ER8 check the machine for dust. If you continue to receive errors codes, please contact Royal Sovereign's Service Center at 1-800-397-1025. In Canada: 1-866-961-6673

SPECIFICATIONS

Model	RBC-660
Power	110 V / 60 Hz (US, CA) or 220~240V / 50Hz (EU)
Power Consumption	<80W
Surrounding temperature for usage	32~104°F / 0 ~ 40°C
Counting Speed	1000 pcs/min
Hopper Capacity	130 pcs
Display Range	3 digit preset display, 4 digit counting display
Net Weight	14.0 lbs

LIMITED ONE YEAR REPLACEMENT WARRANTY

This warranty applies to replacement of product found to be defective in material or workmanship for one year from the date of the original purchase. This warranty is extended only to the original purchaser. This warranty does not apply to damage resulting from abuse, misuse, or improper maintenance of damage that is attributable to acts of nature. Royal Sovereign International, Inc. (and its affiliated companies) is not liable for incidental or consequential damages of any nature. This limitation would not apply if you live in those areas that do not permit the exclusion or limitation of incidental or consequential damages. This warranty excludes cosmetic parts (cabinet). Royal Sovereign will replace the product with a new or refurbished product at Royal Sovereign's discretion. Defective products for warranty replacement cannot be returned without a Return Authorization number. Please go to www.royalsovereign.com USA-Customer Support Tab to make a request for an Office Product Return Authorization.

Defective products must be returned to Royal Sovereign International Consumer Return Department, freight prepaid, with proof of purchase and Return Shipping and Handling payment (check or money order). Upon replacement the product will be returned to the customer.

Return defective product to the following address with a detailed description of the problem. If possible, pack in original carton. Please prepay shipping charges.

For out of warranty service or frequently asked questions please go to www.royalsovereign.com USA- Customer Support Tab. For sales of product, parts or accessories please visit us at www.royalsovereign.com

For service or sales please contact your local Royal Sovereign Office:

ROYAL SOVEREIGN INTERNATIONAL, INC.

2 Volvo Drive Rockleigh, NJ 07647 USA

TEL : +1) 800-397-1025 800-397-1025

FAX : +1) 201-750-1022

www.royalsovereign.com

RS INTERNATIONAL CANADA INC.

5610 Timberlea Blvd, Mississauga Ontario L4W 4M6 CANADA

TEL: +1) 905-461-1095

FAX: +1) 905-461-1096

www.royalsovereign.ca