



Owner's Manual

RCD-3 PLUS

THREE-WAY COUNTERFEIT DETECTOR



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Please read and retain these instructions.
To register your product, please go to www.royalsovereign.com USA.
Click the customer Support Tab, then Registration Tab.

www.royalsovereign.com

Royal Sovereign International, Inc.

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

1. Do not expose your eyes directly to Ultraviolet light source (bulb) for extended periods of time.
2. Do not place the machine in an area where it may be exposed to water or other liquids.
3. Before cleaning the machine always unplug the machine.
Do not use liquid or aerosol cleaners on the machine.
4. 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.
5. Do not use the machine in areas with high temperature or high humidity. This may result in the machine not working properly.
6. The machine should be placed near an outlet that is easily accessible.

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.

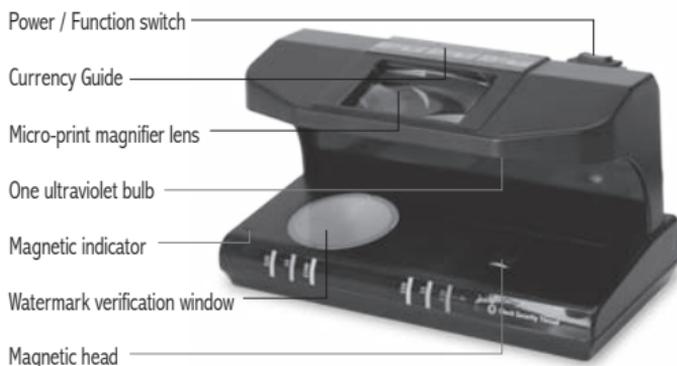
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BOX CONTENTS

Counterfeit Detector, Decal sticker

PARTS



FEATURES

Ultraviolet Counterfeit Detection

Ultraviolet light can detect if paper currency and other official documents (including credit cards, driver's licenses, travelers checks, passports, and green cards) are authentic or counterfeit. The ultraviolet light allows you to see fluorescent strips, dots, or other markings used on authentic bills and documents. The special fibrous paper that currency is made from is not fluorescent, whereas a counterfeit bill printed on bleached or white paper will reflect ultraviolet light, causing the bill to glow.

Magnetic Ink Counterfeit Detection

Magnetic detection is used to determine if there is magnetic ink present on a bill or document. This is found by rubbing the bill or document over the magnetic head on the machine. If there is magnetic ink present the unit will beep and the green magnetic indicator will light up. If the unit does not beep and the indicator does not light up, the bill or document may not be authentic.

Watermark Counterfeit Detection

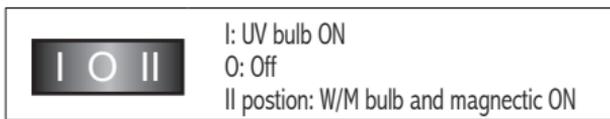
The watermark verification window is used to verify that a watermark is present in a bill or document. If the watermark is missing or hard to see, the bill or document may not be authentic.

Compact, Portable Design

This unit is lightweight and compact, easily moved from place to place.

OPERATION

NOTE: Before you begin to check your bill or document, make sure you know and understand the security features of that specific bill or document. This will ensure that you are using this machine properly.



Plug in the unit and turn the power on by flipping the power switch on the back of the unit from "O" to "I" or to "II" position.

To use Ultraviolet counterfeit detection:

- Connect the power and select to ultraviolet switch "O" to "I"
- Find the location of the security thread for the bill being viewed on the Check Security Thread guide located on the front of the unit. View bill looking through magnifier lens to see that security thread is visible and in the proper location on the bill.

NOTE: Avoid using the counterfeit detector under strong sunlight, as it will affect the ultraviolet light.

To use Magnetic ink counterfeit detection: flip power switch from "O" to "II"

- Locate magnetic location for the bill being viewed on the currency guide located on top of unit. Rub magnetic portion of bill over magnetic head. If magnetic ink is present the green indicator light will light up and you will hear a beeping sound verifying that the bill is valid.

To use Watermark and micro printing counterfeit detection: flip power switch from "O" to "II"

- Locate watermark locations for the bill being viewed on the currency guide located on top of unit. Place bill over circular verification plate and view watermarks on bill to validate bill.

The Process of Replacing the UV Lamp

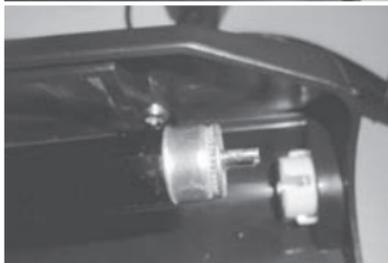
1. Grip the lamp and rotate it.



2. To tate the lamp to the place where the lamp pin corresponding to the lamp holder.



3. Get the lamp out.



4. When installing the lamp, insert the lamp pin into the gap position of the lamp holder, then rotate the lamp 90 degrees making the direction of the lamp pin almost be perpendicular to the gap position of the lamp holder so that the lamp would be locked at the lamp holder and would not take off easily.



TROUBLESHOOTING

Symptom	Solution
Switch is powered on but ultraviolet bulbs are not working.	Replace with new 4W Ultraviolet bulbs.
Switch is powered on but the watermark verification window is not lit.	Contact Royal Sovereign's Service Center.

MAINTENANCE

1. Use alcohol to clean the counterfeit detector regularly, and clean the dust on the ultraviolet tube with a dry towel to maintain ultraviolet light quality.
2. Be certain to switch power off when finishing detection to ensure long bulb life.
3. Disconnect power cord for cleaning or maintenance if the unit will not be used for a long time.

SPECIFICATIONS

Model	RCD-3 PLUS
Ambient Temperature	32~113 °F / 0~45 °C
Ambient Humidity	85%
Sunlight Strength	200~800LX
Power Voltage	110V/60Hz (US, CA) or 220~240V/50Hz (EU)
Power Consumption	4W
Unit Size	7.3" × 4.92" × 4.2" / 185mm × 96mm × 107mm

LIMITED ONE YEAR WARRANTY

This warranty applies to repair or 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. This warranty excludes both parts and labor for bulbs and cosmetic parts (cabinet). 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.

Defective products for warranty repair or 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 repair or 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:

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