

## LSLSL AL-130

# LSLSL AL-130 Portable Cash Counting Device

## User Manual

### INTRODUCTION

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Thank you for choosing the LSLSL AL-130 Portable Cash Counting Device. This compact and efficient machine is designed to count banknotes and detect counterfeit currency using advanced detection methods. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use.

### SAFETY INFORMATION

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- Always use the provided power adapter.
- Do not expose the device to water or excessive moisture.
- Keep the device away from direct sunlight and heat sources.
- Do not attempt to disassemble or repair the device yourself. Contact qualified service personnel.
- Ensure proper ventilation during operation.

### PACKAGE CONTENTS

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Please check the package for the following items:

- 1 x LSLSL AL-130 Cash Counting Device
- 1 x Power Adapter (100-240V input)
- 1 x User Manual

### PRODUCT OVERVIEW

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The LSLSL AL-130 is a portable device designed for efficient banknote counting and counterfeit detection. Its compact design makes it suitable for various environments.



Image: The LSLSL AL-130 Cash Counting Device, showing its compact size with dimensions of 155mm (6.1in) length, 137mm (5.4in) width, and 85mm (3.3in) height. A banknote is inserted into the counting slot.

The device features an intuitive control panel and an LCD screen for displaying counting results and operational information.



Image: The LSLSL AL-130 Cash Counting Device positioned on a wooden desk, actively counting a banknote. The device is black with white accents, and its display shows 'USD 100'.

## SETUP

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1. **Unpack the Device:** Carefully remove the cash counting device and all accessories from the packaging.
2. **Power Connection:** Connect the power adapter to the device's power input port and then plug it into a standard electrical outlet (100-240V).
3. **Battery Charging:** If using the rechargeable 3500mAH lithium battery, ensure it is fully charged before initial portable use. A full charge typically lasts 3-4 hours.
4. **Placement:** Place the device on a stable, flat surface.

## OPERATING INSTRUCTIONS

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### Powering On/Off

Press the power button (usually indicated by a universal power symbol) to turn the device on or off.

### Currency Selection

Use the "CUR/DIR" button to cycle through available currencies (e.g., EURO, USD). The selected currency will be displayed on the LCD screen.

## Counting and Detection

1. Ensure the correct currency is selected.
2. Insert banknotes one by one into the feeding slot. The device will automatically count and detect.
3. The counting speed is approximately 0.5 seconds per piece.

## LCD Screen Display



Image: A close-up of the LSLSL AL-130's LCD screen, illustrating two display modes. One shows 'USD 500' for value counting, and the other shows 'USD 5' and '100' for quantity of checked bills.

The LCD screen displays critical information:

- **Value Counting:** Shows the total value of counted banknotes (up to 6 digits).
- **Quantity of Checked Bills:** Displays the number of banknotes counted (up to 3 digits).
- **Operating Information:** Indicates the selected currency and detection status.

## Counterfeit Detection Methods

# BANK GRADE DETECTION



Image: An illustration detailing the bank-grade detection methods employed by the LSLSL AL-130. These include Dimensional, Thickness, Magnetic, Infrared, Variable Ink, Ultraviolet, Spectrum, Security Line, and Fluorescence detection.

The device utilizes multiple detection methods to identify counterfeit banknotes:

- **UV (Ultraviolet) Detection:** Checks for UV features on banknotes.
- **MG (Magnetic) Detection:** Verifies magnetic ink patterns.
- **Images Detection:** Analyzes specific image patterns.
- **Paper Quality Detection:** Assesses the texture and composition of the banknote paper.
- **Size Detection:** Measures banknote dimensions.
- **Thickness Detection:** Checks for correct banknote thickness.
- **Infrared Detection:** Identifies infrared security features.
- **Variable Ink Detection:** Detects color-shifting inks.
- **Spectrum Detection:** Analyzes the light spectrum of the banknote.
- **Security Line Detection:** Verifies embedded security threads.
- **Fluorescence Detection:** Checks for fluorescent properties.

## Software Update



Image: The LSLSL AL-130 device with a USB port highlighted, indicating an "Easy to Update" feature. Text describes moving an updated file to a USB disk, plugging it in, and the device updating automatically.

The device supports software updates via USB. To update:

1. Obtain the latest software update file from the manufacturer's official support channels.
2. Move the updated file to a USB disk.
3. Plug the USB disk into the device's USB port.
4. The device should automatically detect and install the update. Follow any on-screen prompts.

## MAINTENANCE

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- **Cleaning:** Regularly clean the device with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Sensor Cleaning:** Periodically clean the sensors with a soft brush or compressed air to ensure accurate detection. Refer to the diagram in the manual for sensor locations.
- **Storage:** When not in use, store the device in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

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### Device Not Powering On

- Check if the power adapter is securely connected to both the device and the power outlet.
- Ensure the power outlet is functional.
- If using battery power, ensure the battery is charged.

## Incorrect Counting or Detection Errors

- Ensure banknotes are inserted correctly and smoothly.
- Clean the sensors as described in the Maintenance section.
- Verify that the correct currency is selected.
- Check for any foreign objects in the counting path.

## Display Issues

- Restart the device.
- Ensure the device is not exposed to extreme temperatures.

## SPECIFICATIONS

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<b>Model</b>	AL-130
<b>Dimensions (L x W x H)</b>	155 x 137 x 85 mm (6.1 x 5.4 x 3.3 inches)
<b>Weight (Device)</b>	500 g (0.353 ounces)
<b>Suitable Currencies</b>	EURO, USD
<b>Battery</b>	1V 3500mAH Lithium Battery
<b>Power Consumption</b>	<10W
<b>Counting Speed</b>	<0.5 seconds/piece
<b>Detection Methods</b>	UV, MG, Images, Paper Quality, Size, Thickness, Infrared, Variable Ink, Spectrum, Security Line, Fluorescence
<b>Power Input</b>	100-240V AC

## WARRANTY AND SUPPORT

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This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the warranty card included in your package or contact LSLSL customer service through their official website or the retailer where the product was purchased.