

Rongta RLS1100C

Rongta RLS1100C Barcode Scale User Manual

Model: RLS1100C

1. INTRODUCTION

This manual provides detailed instructions for the proper operation, maintenance, and troubleshooting of your Rongta RLS1100C Barcode Scale. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

Key Features:

- Maximum weight capacity of 30 kg.
- High precision with 5-gram graduation.
- Fast printing speed of 80 mm/second.
- Equipped with Network and Serial RS232 ports for versatile connectivity.
- Large storage capacity for up to 10,000 items.
- User-friendly panel with 112*2 shortcuts.
- Features a clear, backlit LCD display.
- Supports full Arabic language for printing and display.
- Includes free software for item uploading and label design.

2. SETUP

2.1 Unpacking and Inspection

Carefully remove the scale from its packaging. Inspect all components for any signs of damage during transit. Ensure all accessories listed in the packing list are present.

2.2 Placement

Place the scale on a stable, flat, and level surface. Avoid locations with excessive vibration, direct sunlight, or extreme temperature fluctuations. Ensure adequate space around the scale for operation and ventilation.

2.3 Power Connection

Connect the power adapter to the scale's power input port and then plug it into a standard 100-240V, 50-60Hz

electrical outlet. Ensure the power switch is in the OFF position before connecting.

2.4 Label Roll Installation

Open the label compartment. Insert the label roll, ensuring the labels feed correctly through the printer mechanism. The scale supports label widths from 30mm to 60mm and a maximum roll diameter of 10cm.



Image: Front view of the Rongta RLS1100C Barcode Scale, showing the main display, weighing platter, and keypad for item entry and shortcuts.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

To power on the scale, flip the power switch located on the side or rear of the device to the 'ON' position. The display will light up and perform a self-test. To power off, flip the switch to 'OFF'.

3.2 Basic Weighing

1. Ensure the scale displays '0.000 kg' before placing any item.
2. Gently place the item to be weighed on the center of the weighing platter.
3. Read the weight displayed on the screen.

3.3 Taring Function

To weigh an item in a container, first place the empty container on the platter. Press the **TARE** button. The display will reset to '0.000 kg'. Now, place the item inside the container, and the scale will display only the net weight of the item.

3.4 Item Programming and Label Printing

The scale supports programming up to 10,000 items. Use the provided free software to upload item data (PLU - Price Look-Up) including item name, unit price, and other relevant information. Once programmed:

1. Place the item on the weighing platter.
2. Enter the PLU code using the numeric keypad or select from the 112*2 shortcut keys.
3. The scale will calculate the total price based on weight and unit price.
4. Press the **PRINT** button to generate a barcode label.



Image: Rear view of the Rongta RLS1100C Barcode Scale, highlighting the backlit LCD display which shows weight, unit price, and total amount.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the scale with a soft, damp cloth. Do not use abrasive cleaners, solvents, or immerse the scale in water. Ensure the weighing platter and display are free from dust and debris.

4.2 Calibration

While the scale is factory calibrated, periodic calibration may be required to maintain accuracy. Refer to the advanced settings menu or contact customer support for calibration procedures.

4.3 Label Printer Care

Keep the label printer mechanism clean. Remove any paper dust or adhesive residue from the print head and rollers using a soft brush or lint-free cloth. Replace label rolls promptly when empty.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not power on.	No power supply; power cable loose; power switch off.	Check power connection; ensure power switch is ON; try a different outlet.
Inaccurate weight readings.	Scale not level; debris under platter; needs calibration.	Ensure scale is on a level surface; clean under platter; perform calibration.
Printer not printing labels.	No label roll; label roll incorrectly installed; print head dirty.	Install new label roll; re-install label roll correctly; clean print head.
Cannot connect to network/PC.	Incorrect cable; network settings incorrect; software issue.	Verify cable type (Network/RS232); check network settings; reinstall software.

If the problem persists after attempting these solutions, please contact customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	Rongta RLS1100C
Brand	Rongta
Maximum Weight Capacity	30 kg
Graduation / Reading Accuracy	5 grams
Printing Speed	80 mm/second
Connectivity	Network, Serial RS232
Item Storage Capacity	10,000 items
Panel Shortcuts	112 * 2
Power Input	100-240V / 50-60Hz
Supported Label Width	30mm to 60mm
Max Label Roll Diameter	10 cm
Display Type	Backlit LCD
Material	Stainless Steel
Color	Silver
Form Factor	Tabletop
Country of Origin	China
Batteries	1 Lithium Ion battery required

7. WARRANTY AND SUPPORT

7.1 Warranty Information


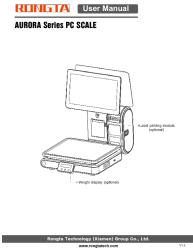

The Rongta RLS1100C Barcode Scale comes with a **two-year warranty** covering manufacturing defects from the date of purchase. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.




7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact your local distributor or the manufacturer's customer support. Please have your model number and purchase date ready when contacting support.

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Related Documents - RLS1100C

	<p>RONGTA RLS Series Barcode Label Scale User Manual</p> <p>Comprehensive user manual for the RONGTA RLS Series barcode label scales, detailing specifications, installation, operation, settings, and troubleshooting for models like RLS1000, RLS1100, RLS1815, RLS1830, RLS1615, and others. Learn how to set up, weigh, price, print labels, and resolve common issues.</p>
	<p>Rongta AURORA Series PC SCALE User Manual</p> <p>User manual for the Rongta AURORA Series PC SCALE, detailing specifications, installation, operation, and troubleshooting.</p>
	<p>R5 MINI Label Maker Quick Installation Guide</p> <p>A concise guide for setting up and using the Rongta R5 MINI Label Maker, covering app download, packing list, product features, operation, troubleshooting, maintenance, safety, and technical specifications.</p>

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