

Eapmic 85232656

Eapmic OCS-C 3T 6600lbs Digital Crane Scale User Manual

Model: 85232656 | Brand: Eapmic

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Eapmic OCS-C 3T 6600lbs Digital Crane Scale. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage or injury.

1.1 Package Contents

- 1 x Eapmic 3T Crane Scale
- 1 x Remote Control
- 1 x DC9V/1.5A Power Adapter
- 1 x User Manual (this document)

2. SAFETY INFORMATION

Always observe the following safety precautions to ensure safe operation and to prevent personal injury or damage to the scale.

- Do not exceed the maximum weighing capacity of 3000 kg (6600 lbs). Overloading can cause damage to the scale and pose a safety risk.
- Ensure the crane scale is securely attached to a suitable lifting mechanism before suspending any load.
- Regularly inspect the hook and all structural components for signs of wear, damage, or deformation. Do not use the scale if any damage is observed.
- Keep hands and body clear of suspended loads.
- Operate the scale within the specified temperature range (-10°C to 40°C).
- Avoid exposing the scale to excessive moisture, dust, or corrosive environments.
- Do not attempt to disassemble or repair the scale yourself. Refer to qualified service personnel.
- Use only the provided power adapter for charging.

3. PRODUCT OVERVIEW

The Eapmic OCS-C Digital Crane Scale is designed for heavy-duty industrial weighing applications. It features a robust aluminum and metal construction, a clear LED display, and a wireless remote control for convenient operation.



Figure 3.1: Eapmic OCS-C 3T Digital Crane Scale, showing the main unit, hook, remote control, and power adapter.

3.1 Key Components

- **Scale Unit:** The main body housing the weighing mechanism and electronics.
- **LED Display:** Large digital display for weight readings and status indicators.
- **Heavy-Duty Hook:** For attaching loads to be weighed.
- **Control Buttons:** Located on the scale unit for basic operations (ZERO, ON/OFF).
- **Remote Control:** For convenient operation from a distance, including functions like Zero, Tare, Hold, and Unit Conversion.
- **Power Adapter:** For charging the internal battery.

4. SETUP

4.1 Initial Charging

Before first use, ensure the scale's internal battery is fully charged. Connect the provided DC9V/1.5A power adapter to the charging port on the scale and plug it into a suitable power outlet. The LED display may indicate charging status. A full charge provides approximately 100 hours of battery life.



Figure 4.1: The DC9V/1.5A power adapter used for charging the crane scale.

4.2 Attaching the Hook

The heavy-duty hook is typically pre-attached. If not, ensure it is securely fastened to the bottom shackle of the crane scale using the appropriate pin and safety clip. Verify that all connections are tight and secure before use.



Figure 4.2: Side view of the crane scale, illustrating the secure attachment of the heavy-duty hook.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on the scale, press the **ON/OFF** switch located on the front panel of the scale unit. The display will light up and perform a self-test.
- To power off, press the **ON/OFF** switch again. The scale also features an auto power-off function to conserve battery.



Figure 5.1: Close-up view of the LED display and control buttons (ZERO, ON/OFF) on the crane scale.

5.2 Zeroing the Scale

With no load on the hook, press the **ZERO** button on the scale unit or the remote control. The display will show "0.00" (or similar), indicating the scale is ready for weighing.

5.3 Tare Function

To weigh an item in a container, first place the empty container on the hook. Press the **TARE** button on the remote control. The display will reset to "0.00". Then, add the item to the container, and the display will show only the weight of the item.

5.4 Unit Conversion

The scale supports unit conversion between kilograms (kg) and pounds (lbs). Use the designated unit conversion button on the remote control to switch between units. The active unit will be indicated on the LED display.

5.5 Weighing Procedure

1. Ensure the scale is powered on and zeroed.
2. Carefully attach the load to the hook.
3. Allow the load to stabilize. The weight will be displayed on the LED screen.
4. For stable readings, avoid swaying the load during measurement. The scale has good dynamic weighing performance.

5.6 Remote Control Usage

The wireless remote control allows for convenient operation from a safe distance. Functions include Zero, Tare, Hold, Unit Conversion, and Accumulation. Refer to the button labels on the remote for specific functions.



Figure 5.2: The remote control for the Eapmic crane scale, showing buttons for Zero, Tare, Hold, and other functions.

6. MAINTENANCE

6.1 Cleaning

Clean the scale regularly with a soft, damp cloth. Do not use abrasive cleaners, solvents, or immerse the scale in water. Ensure the scale is dry before storage or next use.

6.2 Storage

When not in use for extended periods, store the scale in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (not fully depleted or fully charged for long-term storage) to prolong its lifespan.

6.3 Battery Care

Recharge the battery when the low battery indicator appears. Avoid completely draining the battery frequently. Use only the original power adapter for charging.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not power on.	Battery is depleted or power switch is off.	Charge the battery using the provided adapter. Ensure the ON/OFF switch is in the 'ON' position.
Inaccurate readings.	Scale not zeroed, unstable load, or environmental factors.	Ensure the scale is zeroed before weighing. Stabilize the load. Operate in a stable environment, free from strong winds or vibrations.
"OL" or Overload warning.	Load exceeds maximum capacity.	Remove the excess load immediately. Do not exceed 3000 kg (6600 lbs).
Remote control not working.	Remote battery depleted or obstruction.	Replace the remote control batteries. Ensure there is a clear line of sight to the scale's receiver.

8. SPECIFICATIONS

Feature	Specification
Model	85232656 (OCS-C Series)
Maximum Weighing Capacity	3000 kg (3T) / 6600 lbs
Accuracy Class	OIML III
Tare Range	100% F.S. (Full Scale)
Zero Range	4% F.S.
Safe Overload	120% F.S.
Overload Alarm	100% F.S. + 9e
Temperature Range	-10°C ~ 40°C (14°F ~ 104°F)
Battery Life	Approximately 100 hours
Power Adapter	DC9V/1.5A
Display Screen	LED (35 mm figure height)

Feature	Specification
Material	Aluminum, Metal
UPC	734830683491

9. WARRANTY AND SUPPORT

9.1 Product Warranty

Eapmic products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. Specific warranty terms and duration may vary by region and retailer.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact your retailer or the Eapmic customer support team. Refer to the product packaging or the Eapmic official website for the most current contact information.