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› [KILOTECH KPS-68 MS Heavy-Duty Parcel/Bench Scale User Manual](#)

KILOTECH KPS-68 MS (Model 851280)

KILOTECH KPS-68 MS Heavy-Duty Parcel/Bench Scale User Manual

Model: KPS-68 MS (Model 851280)

1. INTRODUCTION

This manual provides instructions for the proper setup, operation, and maintenance of your KILOTECH KPS-68 MS Heavy-Duty Parcel/Bench Scale. Please read this manual thoroughly before using the scale to ensure safe and efficient operation.

The KPS-68 MS is designed for light industrial and shipping applications, offering reliable and accurate weight measurements up to 68 kg (150 lbs).

2. SAFETY INFORMATION

- Do not overload the scale beyond its maximum capacity of 68 kg (150 lbs).
- Avoid dropping or subjecting the scale to severe shocks.
- Do not immerse the scale in water or other liquids.
- Use only the specified power adapter or batteries.
- This scale is **Not Legal for Trade**.

3. COMPONENTS OVERVIEW

The KILOTECH KPS-68 MS scale consists of a weighing platform and a remote display unit connected by a coiled cord.



Figure 1: KILOTECH Parcel/Bench Scale. This image displays the scale's main components: a black, checkered steel weighing platform and a silver remote display unit with an LCD screen and control buttons (UNITS, TARE, HOLD, ON, OFF). The display unit is connected to the platform via a coiled cord. Note: The model number shown on the display in this representative image may vary from the KPS-68 MS.

Display Unit Controls:

- **ON:** Powers the scale on.
- **OFF:** Powers the scale off.
- **UNITS:** Toggles between kilograms (kg) and pounds (lbs).
- **TARE:** Zeros out the weight of a container.
- **HOLD:** Freezes the displayed weight.

4. SETUP

4.1 Unpacking

Carefully remove all components from the packaging. Inspect the scale for any signs of damage. Retain packaging for future transport or storage.

4.2 Power Supply

The scale can be powered by either an AC adapter or batteries.

- **AC Adapter:** Connect the included 120V AC adapter to the power input port on the display unit and plug it into a standard wall outlet.
- **Batteries:** Open the battery compartment on the display unit and insert six (6) AA alkaline batteries (not included), ensuring correct polarity.

4.3 Connecting the Display Unit

Connect the coiled cord from the weighing platform to the corresponding port on the remote display unit. Ensure the connection is secure.

4.4 Placement

Place the weighing platform on a firm, level, and stable surface to ensure accurate readings. Avoid locations with excessive vibration, drafts, or extreme temperature changes.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **ON** button to turn the scale on. The display will show '88888' and then '0.00'.
- Press the **OFF** button to turn the scale off.

5.2 Weighing Procedure

1. Ensure the scale is powered on and displays '0.00'.
2. Carefully place the item to be weighed onto the center of the platform.
3. Read the stable weight displayed on the LCD screen.

5.3 Unit Selection (kg/lbs)

Press the **UNITS** button to toggle between kilograms (kg) and pounds (lbs) measurement modes. The selected unit will be indicated on the display.

5.4 Tare Function

The Tare function allows you to subtract the weight of a container, so only the net weight of the contents is displayed.

1. Place an empty container on the platform.
2. Press the **TARE** button. The display will reset to '0.00'.
3. Add the items to be weighed into the container. The display will show the net weight of the items.
4. To clear the tare, remove the container and press **TARE** again, or turn the scale off and on.

5.5 Hold Function

Press the **HOLD** button to freeze the current weight reading on the display. This is useful for weighing large items that might obscure the display. Press **HOLD** again to release the reading.

5.6 Auto-Off Function

The scale features a programmable auto-off function to conserve battery life. If no weight change or button press occurs for a set period, the scale will automatically turn off. Refer to the specifications for the default auto-off time. This feature can typically be adjusted or disabled through specific button sequences (not detailed here, as specific instructions are not provided in the product description).

6. MAINTENANCE

6.1 Cleaning

Wipe the scale platform and display unit with a soft, damp cloth. Do not use abrasive cleaners or immerse any part of the scale in water.

6.2 Storage

When not in use for extended periods, store the scale in a dry, cool place. If using batteries, remove them to prevent leakage.

6.3 Battery Replacement

If the display shows a low battery indicator (e.g., 'Lo'), replace the six AA alkaline batteries in the display unit. Ensure proper polarity when inserting new batteries.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scale does not turn on	No power (dead batteries or AC adapter unplugged/faulty)	Check AC adapter connection or replace batteries.
Inaccurate readings	Unstable surface, scale not zeroed, or overloaded	Place on a stable surface, press TARE/ZERO, ensure weight is within capacity.
Display shows 'Lo'	Low battery power	Replace batteries.
Display shows 'Err' or 'O-Ld'	Scale overloaded	Remove item immediately. Ensure weight is within 68 kg (150 lbs) capacity.
Display unit not responding	Loose coiled cord connection	Check and secure the coiled cord connection between the platform and display unit.

8. SPECIFICATIONS

Feature	Detail
Model	KPS-68 MS (Model 851280)
Capacity	68 kg (150 lbs)
Graduations	0.1 kg (0.2 lbs)
Platform Material	Fixed mild steel checkered platform
Platform Dimensions	11.75" L x 12.25" W (29.8 cm L x 31.1 cm W)
Display	3" x 1 1/4" LCD display
Power Supply	Six (6) AA alkaline batteries (not included) or 120V AC adapter (included)
Cord Length	Heavy-duty 8' coiled cord
Special Features	Kg/lbs modes, Programmable Auto-Off function, Zero, Tare, Hold keys
Legal for Trade	No
Item Weight	5.06 kg

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The KIOTECH KPS-68 MS scale comes with a **1-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by misuse, accident, unauthorized modification, or improper operation.

9.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact KIOTECH customer support. Refer to your purchase documentation or the KIOTECH website for current contact information.

Related Documents - KPS-68 MS (Model 851280)

