Caring for your Portable Scale Kit

The LoadSense Portable Scale Kit is designed to be maintenance free. Users should not attempt to service the sensors or display unit. The only care required is battery replacement and cleaning.

Battery Replacement
Open the battery door on the reverse side of the display unit. Detach the 9V battery from its lead clip and re-attach to the new 9V battery. Reinsert the battery and replace the battery door.

Cleaning
Should the unit become dirty, it may be cleaned with a lightly damp cloth. Avoid allowing any moisture to enter the unit via the display window or other openings.

Storage
For longest life, your scale kit should be kept in its case and stored in a cool, dry environment. Avoid storing in extreme conditions of temperature or humidity. Remove the battery if storing the unit for more than a few days.

ADDITIONAL IMPORTANT INFORMATION
LoadSense products are warranted against defects in materials and workmanship for a period of one year from the date of purchase. For complete warranty information, please consult our website at www.loadsense.com/warranty.

To ensure full warranty coverage and expedited support, please register your product at www.loadsense.com/registration.

Owner's Manuals in the languages listed below are available for download at www.loadsense.com/support/international.

- Manuel d'Utilisation (Français)
- Gebrauchsanweisung (Deutsch)
- Guía de Utilización (Español)
- 取扱説明書 (Japanese)
- 用户手册 (Chinese)

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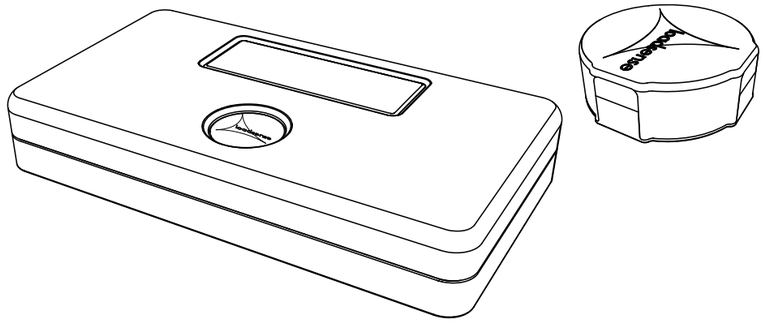
loadsense technologies
advanced weighing solutions

LoadSense Technologies Corporation

Portable Scale Kit Owner's Manual

For Model Numbers:
PK-150K4-50 and PK-500K4-150



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advanced weighing solutions

Critical Safety Information

Congratulations on the purchase of your new LoadSense Portable Weighing Kit. This product is designed to provide long service life and new levels of weighing flexibility and portability. Although your kit comes equipped with a portable platform, you may wish to use the kit to weigh large objects. In these situations any suitable larger platform may be substituted. The kit's modular design allows sensor placement to be adjusted according the size of platform you choose.

Please read the entire manual carefully before using the scale kit as improper use may cause injury or invalidate your warranty. We hope you find the LoadSense Portable Weighing Kit to be a valuable tool for meeting your weighing needs.

Important Safety and Operating Information – Read Before Use

1. Do not expose the scale to water or use in environments where it may be exposed to corrosives or high levels of moisture.

2. Use the scale on a hard, flat and level surface to avoid accidents and to maximize weighing accuracy.

3. When using platforms other than the included acrylic platform, select a flat and stable item with the strength to hold your intended load while being supported by the four sensors from the outer corners. Refer to the instructions below for appropriate sensor placement. Suitable platforms include pallets, plywood, metal sheets, etc. Your platform should not weigh more than the Dead Load Capacity for your specific model (see Technical Specifications).

4. Do not exceed the rated capacity of your specific scale model. Doing so may damage the sensors, result in injury and invalidate your warranty.

5. Place all loads in the center of the platform to prevent accidents and maximize weighing accuracy. When centering the load, do not slide it on the platform as this also may cause damage and/or accidents.

6. Do not subject the scale to "load shock" by dropping either the platform onto the sensors or the load onto the platform. Such forces may exceed the maximum capacity of the scale and invalidate your warranty. Place all loads on the sensors and weighing platform in the gentlest manner possible.

7. Ensure that no power or connecting cords are caught between the components of the scale or in a position to cause a tripping hazard. Never lift or move the sensors or weighing indicator by their cords.

8. Only use the supplied power adapter and winder cords with the kit. Do not insert any other types of plugs or cords into the jacks.

Troubleshooting

Problem	Remedy
Display unit does not activate when turned on.	1. Check that the AC adapter is plugged properly into an active wall socket. 2. Confirm that the AC adapter tip is fully inserted into the display unit. 3. If using battery power, ensure the protective plastic is removed. 4. Insert a new 9V battery to confirm battery strength is not the issue.
Display activates but does not display "0.0" OR Display activates and displays "0.0" but does not change when a load is applied. OR Weight readings are clearly inaccurate.	1. Use the AC adapter to ensure a weak battery is not causing the problem. 2. Check for loose connections and reinsert any loose jacks or plugs. 3. If no loose connections are found, remove and reinsert each jack and plug.

If the suggested remedies do not resolve your problem, please initiate a support request at www.loadsense.com/support.

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Technical Specifications

Model	PK-150K4-50	PK-500K4-150
Kit Capacity	150 kg / 330 lbs	500 kg / 1,100 lbs
Individual Sensor Capacity	50 kg / 110 lbs	150 kg / 330 lbs
Minimum Load	1 kg / 2.2 lbs	3 kg / 6.6 lbs
Dead Load Capacity (1)	30 kg / 66 lbs	50 kg / 110 lbs
Overload Limit (2)	151 kg / 333 lbs	502 kg / 1,105 lbs
Graduation	0.1 kg / 0.2 lbs	0.1 kg / 0.2 lbs
Accuracy	From 1 kg to 50 kg ± 0.3 kg From 51 kg to 100 kg ± 0.4 kg From 101 kg to 150 kg ± 0.5 kg	From 2 kg to 150 kg ± 1 kg From 151 kg to 300 kg ± 2 kg From 301 kg to 500 kg ± 3 kg
Power Supply	DC = 9 Volts AC = 110-240 Volts	DC = 9 Volts AC = 110-240 Volts
Acrylic Platform Capacity	150 kg 330 lbs	150 kg 330 lbs
Acrylic Platform Size	30.5 x 35.5 cm 12 x 14 inches	30.5 x 35.5 cm 12 x 14 inches
Kit Weight	.6 kg / 1.2 lb	.8 kg / 1.7 lb
Acrylic Platform	2.6 kg / 5.8 lb	2.6 kg / 5.8 lb
Full Kit with Case	5.7 kg / 12.5 lb	5.9 kg / 12.9 lb

Notes:
1. Display will show “ERR” if Dead Load Capacity is exceeded.
2. Display will show “---“ if Overload Limit is reached.

Operating Instructions

1. Remove the battery door from the weighing indicator to expose the 9V battery. Remove the protective plastic from the battery and replace the door.

2. Select your preferred unit of measure using the switch on the back of the display unit. The display supports kilogram (kg) and pound (lb) units of measure.

3. Place the four load sensors such that they will be positioned near the outer four corners of the platform. The round “feet” of the sensors should be in contact with the floor. (See Diagrams 1 and 2)

4. Connect the first retractable cord to the display unit and the master sensor. The master sensor has four jacks. Be sure to connect the cord to the jack marked “OUT.” (See Diagram 3)

5. Connect the three remaining retractable cords to the master sensor and then to the three slave sensors.

6. Place a suitable platform, such as the included acrylic platform, on top of the four sensors. Be sure your selected platform does not exceed the Dead Load Capacity for your model (see Specifications). Take care not to trap any wires between the platform, sensors or floor.

7. If using AC power, plug the AC adapter into a wall socket and connect it to the display unit.

8. Press the On/Off button on the face of the display unit. The display will light up and read zero. The scale is now ready to weigh an object.

9. Place the object to be weighed gently on the center of the platform. The display will provide the weight of the item in the unit of measure selected (kg or lb).

10. If you wish to determine tare weight, you can re-zero the scale by turning the unit off, placing the shipping container on the platform and turning the unit on again. The display will again read zero. Now add the object(s) to the container to determine their tare weight.

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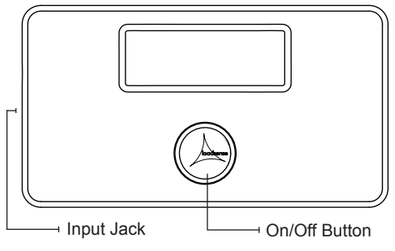
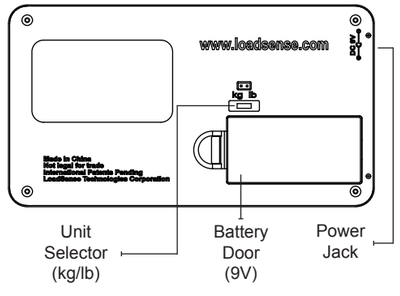
Components of the Portable Weighing Kit

Weighing Indicator (front view)

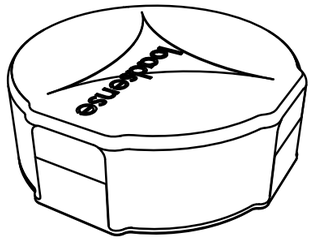


Weighing Indicator (rear view)

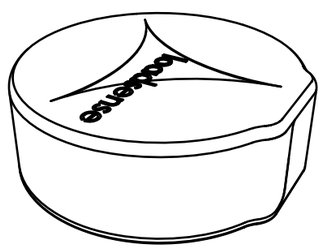


Retractable Connecting Cords (x4)

Master Load Sensor



Slave Load Sensor (x3)



Also included in the kit:

1. 9 Volt Battery (non-rechargeable)
2. AC Power Adapter (110-240 Volts)
3. International Adapter Plugs
4. Acrylic Weighing Platform
5. Spare Load Cell (for authorized service provider use only)
6. Carrying Case

LoadSensors Placement and Arrangement

Diagram 1: Proper placement of Load Sensors

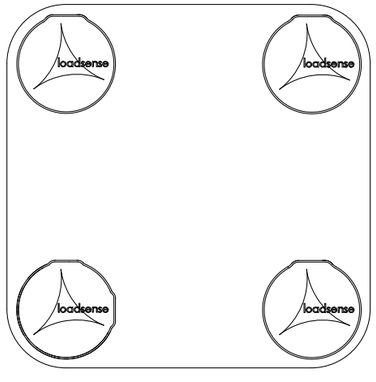


Diagram 2: Proper Orientation of Load Sensors

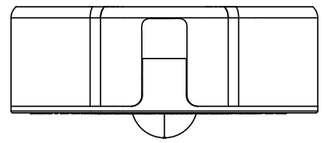


Diagram 3: Master Load Sensor Jack Arrangement