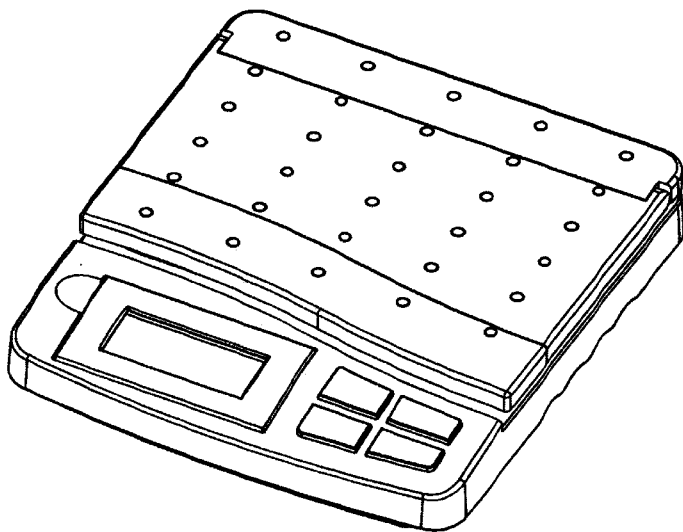


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MASTERSHIP[®]

The Jennings Mastership 55

INSTRUCTION MANUAL



There may be a more recent or updated version of this manual
Posted on our website www.jscale.com

SAFETY PRECAUTIONS

All safety messages are identified by the words "WARNING" and "CAUTION". These words mean the following:

△WARNING	Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.
△CAUTION	Important information that tells how to prevent damage to the equipment.

When using the scale, the following safety precautions should always be followed.

△ WARNING

Use only the correct AC adaptor with the scale. Other adaptors may cause permanent electrical damage.

△ CAUTION

Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction.

Replace all batteries at the same time – Do not replace only a portion of the 4 batteries as this may cause a malfunction.

If the scale is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage, which may cause damage to this scale.

Avoid overloading the scale, as this may cause permanent damage and void your warranty – do not EVER exceed the maximum capacity of the scale

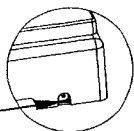
Keep the scale away from water – this scale is not water resistant. Shock, injury and electrical damage can occur if used in a wet location!

Matter charged with static electricity could affect accuracy. Discharge all static electricity. For example, one method is to use Static-Guard spray, and spray it on both sides of the weighing platform.

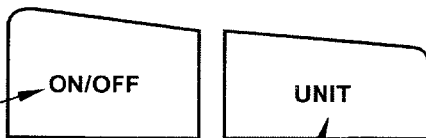
PARTS DESCRIPTION

► BACK SIDE

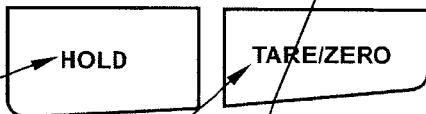
AC adaptor
Socket



ON/OFF key
Turns the scale
power on/off.



HOLD KEY
Remain on the display for 120 seconds.



TARE/ZERO key
Sets display to zero or
Subtracts weight of a container.

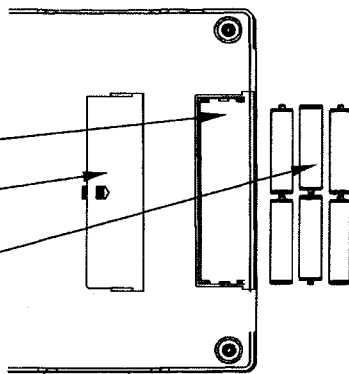
UNIT key
Changes weighing units, eg. g, lb:oz, kg, lb, oz.

► BOTTOM

Battery compartment

Battery compartment cover

Batteries
Use AA R6P 6 pieces dry batteries



► DISPLAY

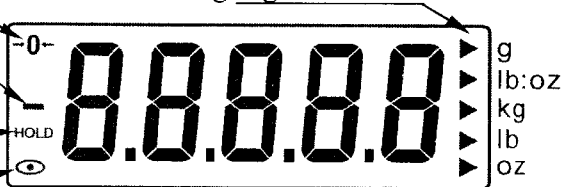
ZERO indicator

Negative value indicator

Hold indicator

Stable indicator

Weighing unit



HOLD FUNCTION

Once the **hold** key is pressed, the weight will remain on the display for 120 seconds after the item has been removed from the scale so the weight can easily be read.

- 1) Place the item on the scale platform.
- 2) Wait for the stable weights to be displayed.
- 3) Press the **hold** key. The “**HOLD**” hold indicator will turn-on.
- 4) Remove the item from the scale platform. The item’s weight reading will remain on the display for 120 seconds. You can now also convert this to other measures (ie to Pounds or Kilograms) by pressing the **UNIT** key
- 5) Quit to hold function: Once an item is weighed and the **hold** function is enabled; you want to quit to hold function, Press the **hold** key again to cancel the “**HOLD**” hold indicator and return the scale to weight value.

FUNCTION SETTINGS

1. Start with the power off (the power must be OFF). Press and hold the [**HOLD**] key first, then press [**ON/OFF**], then release both keys. The display will show **A_ON** or **A_OFF**.
2. Selection of auto shut off mode.
Press the [**TARE/ZERO**] key, the display will show **A_ON** or **A_OFF**. **A_ON** means the auto shut off function is active. Press [**TARE/ZERO**] again, the display will show **A_OFF**, this means the auto shut off function is inactive.
3. Selection of auto backlight mode.
While in the function setting menu (above), Press [**HOLD**], the display will show **L_ON** or **L_OFF**, press [**TARE/ZERO**], The display may show **L_ON**, this means the auto backlight function is active, press [**TARE/ZERO**] again, the display may show **L_OFF**, this means the auto backlight function is inactive (no backlight function).
- 4..Return to weighing mode.
Press [**ON/OFF**] to turn the power off, press [**ON/OFF**] again to turn on the power and the scale will return to weighing mode.


WEIGHING

Before weighing

Whenever possible, please allow the scale to warm up for several seconds after first turning the power on so that the scale will function properly and accurately.

Error messages

EEEE: Overload

: Low battery

Weighing procedures

1. Press [ON/OFF] to turn on the scale.

When the power is turned on, the display will show "HELLO" for a few seconds and "0" will appear on the display.

2. Select the weighing unit with [UNIT].

Press [UNIT] to select a weighing unit "g", "lb/oz", "kg", "lb", "oz"

Once the unit has been selected, the selected unit will be displayed next to the weight value.

3. Start weighing

If you do not use a container for weighing,

Verify the reading is "0". If not, press [TARE/ZERO] to display "0".

Place the items to be weighed on the platform.

When the reading becomes stable, the stable weighing is displayed.

If you use a container for weighing,

Place an empty container on the platform.

Wait for the stability indicator to be displayed and press [TARE/ZERO].

Place the objects to be weighed in the container.

When the reading becomes stable, the stable weighing is displayed.

CALIBRATION

When to calibrate - calibration is almost never required.

If the scale is inaccurate, calibration may be desired when the scale is first set up for use, or if the scale is moved to a different altitude or gravitation. This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations can occur.

How to calibrate

****you must have an accurate 10 kilogram weight or combination of weights in order to calibrate** Do not attempt calibration without this weight!**

- 1) Place the scale on a Flat, very stable surface and turn it ON
- 2) Press and hold the [ZERO] key for 6 seconds until the display shows CAL, then release the key.
- 3) Press the [ZERO] key again, the display will flash CAL and then flash 10000.
- 4) Gently place the 10kg weight(s) on the scale and wait 3 seconds. the display will show PASS and then 10000 .
- 5) Calibration is complete, Remove the weight and turn the scale Off.

If calibration is repeatedly incorrect then: 1) Replace the batteries, 2) Try a more stable surface or vibration and interference free location, 3) Be sure there is no static electricity on the scale (use an anti-static spray to remove static electricity)

FEATURES

- Auto shut off (optional)
- Auto zero tracking
- Auto backlight (optional)
- Large LCD (6digits 15 mm high)
- Large square weighing tray
- Auto calibration
- AC Power (optional)
- g /lb:oz /kg/lb/oz conversion
- hold function

SPECIFICATIONS

Jennings Mastership 55	Capacity 55lb/25kg	Division 2g/0.1oz Division 10g/0.5oz
Platter / Tray	210 × 170mm	
Net/gross weight	958/1300g	
Package	Standard carton: 28 × 24.5 × 10.5(cm ³)	
Operating Temperature	Optimum: 15-30c (62-90f)	
Power source	6 × AA Size Batteries or AC/DC	
	Adapter 9V/100mA (optional)	

SPECIAL WARNING

Cell-Phones, Cordless-Phones, and any radio-frequency device can cause temporary interference and cause the scale to temporarily not work properly. Please do not use any electronic device near the Jennings Mastership 55. Just like in an Airplane, do not use your cell-phone near the scale when it is in use. While there is NO risk of permanent damage to the scale, interference can cause an incorrect calibration or incorrect weight readings.

TROUBLESHOOTING & OPERATION NOTES

- 1) If the scale does not perform accurately, please recalibrate the scale as outlined in the manual.

- 2) If the Display ever becomes locked on EEEEE, this indicates that the scale was shocked, dropped or otherwise damaged and the delicate weighing sensors have been damaged. You can try recalibrating the scale (If the sensor has not been hurt too badly it may work again after recalibration). Otherwise you will have to follow the warranty instructions that came with your scale.

- 3) If the display becomes locked on 8888, this often indicates low batteries. However sometimes it also may indicate a serious zero mark error. This means when you turn the scale on, it can't determine what zero is (a slight zero mark error will cause situation #1 above) Thus, if new batteries do not fix this error the scale will have to be sent to us for replacement under our warranty program.

- 4) If the display shows UNST, this means the scale is not stable. Please try operating the scale on a more stable surface and be sure nothing is on the tray or stuck under the tray when you turn it on. If this situation persists, it may be an indication of fatal load cell damage.

Although the Jennings Mastership is designed to be extremely durable, It's important that you never overload or drop/shock the scale. If you ship the scale be certain to pack it extremely well to prevent shipping damage. Scales are delicate instruments and unlike Cellular phones, scales have delicate sensors that determine how much an item weighs. If you drop or shock your scale, these sensors "feel" the shock and are sometimes destroyed. This happens with all digital scales. We design our scales to be as resistant to shock or drops as possible, however there is no way for us to protect 100% against load cell or sensor damage. A well-treated scale will provide years of reliable and accurate weighing. However an abused scale will only work until it's sensors are damaged.