Jennings JSV Dually
User Manual

JSCALE JSV-Dually MANUAL

PLEASE READ COMPLETE INSTRUCTIONS BEFORE USE

Thank you for purchasing The Jennings JSV-Dually. With normal care and proper treatment it will provide years of reliable service. Please read all operating instructions carefully. You can contact us at **www.Jscale.com**

.KEEP THE FOLLOWING POINTS IN MIND:

 * Avoid lengthy exposure to extreme heat or cold, your scale works best when operated at normal room temperature. **If the scale has been subjected to temperature change, please allow the scale to acclimate to normal room temperature for at least one hour before use.**
 * Allow sufficient warm up time. Turn the scale On and wait several seconds to give the internal components a chance to stabilize before weighing.
 * The cleaner the environment the better. Dust, dirt, moisture, vibration, air currents and proximity to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.

 * Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor and void your warranty.

 * Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and MUST BE HANDLED WITH EXTREME CARE.

*IMPORTANT ADVICE: Place the item to be weighed on the platform, after the stable weight is displayed remove the item immediately. This will prolong the longevity and accuracy of this weighing instrument.

.** These electronic scale are precision instruments. Do not operate near an in-use cell phone, cordless phone, radio, computer or other electronic device. These devices emit RF and can cause unstable scale readings. If your scale ever performs poorly, try moving the scale to a different room or location. This is a very precise scale - the display may seem to wander or jump when weighing. This is due to air currents or vibrations. Stable weighing is achieved when the display remains fixed for 3 seconds.

FUNCTION SETTINGS
1. Start with the power off (the power must be OFF). Press and hold the [PCS] key first, then press [ON/OFF], then release both keys. The first display will show A_ON or A_OFF;The second display will show L-ON or L-OFF.
2. Selection of auto shut off mode.
Press the [UNIT] key, the display will show A_ON or A_OFF. A_ON means the auto shut off function is active. Press [UNIT] again, the display will show A_OFF, this means the auto shut off function is inactive.
3. Selection of auto backlight mode.
Press [UNIT2] key, the display will show L_ON or L_OFF, press [UNIT2], selection display L_ON, this means auto backlight function active, press [UNIT2] again, the display will show L_OFF, this means auto backlight function inactive.
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.

(Advanced users only) CALIBRATION

IMPORTANT: This scale was professionally factory calibrated before shipment and does NOT need to be recalibrated by the end user. However, if you wish to recalibrate your scale we provide these instructions for calibration: Repeat calibration if the display locks on 8888, EEEE or LLLL. Incorrect calibration can occur if you do not follow the steps exactly. If your scale does not perform accurately, please try replacing your batteries before you calibrate. You will need a calibration weight (see below) to calibrate this scale. NOTE: if you do not have access to a calibration weight you can purchase one at your local store or in emergency situations you can use coins or weights (ie 20 US Nickels =100g, 100US Nickels=500g)as a calibration weight.

The JS-700V require a 500gram weight to calibrate

1) Place the scale on a Flat, very stable surface and turn it ON.
2) Press and hold the "ZERO" key for 5 seconds until the display shows "CAL" - then release the key.
3) Press the ZERO key again, the display will flash 500.0.
4) Gently place the weight(s) on the scale and wait 3 seconds,press "ZERO" key again,the display return to the weight mode.
5) Calibration is complete, Remove the weight and turn the scale Off.
   NOTE: if after calibration your scale does not read accurately, this indicates calibration error and the calibration process should be repeated slower.
          Please calibrate on a very stable flat surface
INACCURACY / ERROR
The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly. The scale is a precise instrument and must be handled with the upmost care and caution.

FEATURE_____
 * Power Up Segment Test: When first turning the unit on, all segments of the
display will appear as shown below. This display will remain for approximately 2

seconds and then reset to 0.   **- HELLO-**

* Overload: When an applied load exceeds the capacity. "EEEE" will appear
on the display. Remove the excessive load immediately! Although the JS uses
proprietary overload protection technology, it is still possible to damage the
weighing sensors by overload.
!Remember: You can permanently damage the scale by overloading it!

* Weighmeter™:
On the side of the display you will notice a series of bars that increase as the
load on the scale increases. This is our Weighmeter™ invention. It helps you
know the remaining capacity on the scale and also will indicate an overload if
one occurs. Please use the Weighmeter™ to monitor your weighing loads and
please do not overload this scale.

TROUBLESHOOTING & OPERATION NOTES:

1) If the Display ever becomes locked on 8888,LLLL or EEEE, this indicates
that the scale was shocked, dropped or otherwise damaged and the delicate
weighing sensors may have been damaged. please try recalibrating the scale
(if the sensor has not been hurt too badly it will work again after recalibration).
Otherwise you will have to follow the warranty instructions that came with your
scale.

2) If the display becomes - Lo - or 🔋 ,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 20 years
warranty program.

Although the JSV is designed to be extremely durable, It's important that you
never overload or drop/shock the scale. 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.

KEY PAD FUNCTIONS
* UNIT1
  Unit(mode) selection: Press and ralease the key once to change weight unit.
You can select g(grams),oz(ounces),lb(pounds),dwt(pennyweight),ct(carats),
gn(grains),ozt(troy ounces),1/4oz(1/4 ounces) or 1/8oz(1/8 ounces)

* UNIT2
  Unit2(mode) selection: Press and ralease the key once to change weight unit.
You can select g(grams),oz(ounces),lb(pounds),dwt(pennyweight),ct(carats),
gn(grains),ozt(troy ounces),1/4oz(1/4 ounces) or 1/8oz(1/8 ounces)

* PCS (Count) Sample sizes can be 10, 20, 50 or 100
The following steps outline the procedure for cummulative weighing of samples:
Switch the scale to a 'given' number of samples of an item on the tray.
Press the [PCS] key to put the scale in PCS mode (the indicator should be on
pcs). Press [unit1] to Select the sample size(the same as you chose above) by
pressing the [PCS] key (press it as many times as necessary to put it in the
correct sample size (the sample size is the same as in step three=10,20,50or
100). Press the [PCS] key, the display will show "CAL", then after 2 seconds,
the scale will remember the sample size you selected and show the starting
sample size on the display.(You can now remove the samples if you want to
return the scale to 0pcs). Place the items that you want counted onto the tray,
the total number of items will show on the display. Press the [PCS] key to exit
the counting function and return to normal weighing mode.

* ① ON/OFF
  Press this key to turn unit on. Once the unit is on, press and hold the same
key to turn the scale off

* ZERO (TARE)
  Press Zero to reset the scale to zero. This can be used for eliminating from a
sample (or a Tray/Container) the weight value of a container weight is
permanently removed for the remainder of the procedure. Just turn the scale
ON, place the tray or container on weighing platform, and press the ZERO key.
The scale will show 0.0 (or 0.00) on the display and you can add items to the
container/tray. NOTE: When all weight are removed from the weighing tray, the
tared value of a container will be displayed as a negative number . Cycle the
power on the scale to reset the scale to zero.

OPERATION_____
  Battery Operation:
  1) Three "AAA" size ALKALINE batteries are required.
  2) To install batteries:
    a) Release the battery cover by sliding out-wards.
    b) Place batteries into battery compartment aligned correctly.
    c) Replace battery cover.
DO NOT USE EXCESSIVE FORCE & DO NOT PRESS ON THE TRAY!!!
  3) The scale is now ready for battery operation.