

(PDF Format By RightOnScales.com)

Touchscale Owner's Manual

Congratulations on purchasing the most innovative scale ever created. Please take the time to read this manual to learn about the many features of the Touchscale before use. If you do not understand this manual or have unanswered questions about your scale please contact us at www.myweigh.com. This site also provides an advanced programming manual at the bottom of this manual for experienced users who want to customize their touchscale.

Low Batteries & bad battery connections are the #1 cause of scale malfunction and inaccuracy! We test all of our scale returns from consumers. Fully 60% of consumer returns are battery related problems. This sounds silly but it's true! A scale will perform slowly, or read inaccurately when it has low batteries. Please replace the batteries often (and only use good quality batteries). We include good quality batteries with all of our scales but batteries can run low in storage. If your scale simply won't turn on while on Battery power, this is often caused by loose battery connections. Battery prongs (terminals) are made of metal. They must be making good contact with your batteries in order for the scale to power on. You can use a paperclip to slightly bend the battery prongs to make them have a better connection. Also some poorly designed batteries have recessed or partially obstructed battery terminals. This may cause your prongs to be touching the plastic housing of the battery instead of the metal battery terminal.

NOTES BEFORE USE

- Always empty the tray/platform before turning the power on (clear the platform before turning on)
- Do not get the scale wet or hot and do not operate on any wet or hot surface To clean the scale, wipe the surface with a clean damp cloth or mild non-abrasive cleaner. Do not use an abrasive cleaner because it may damage the finish.
- **Do not overload the scale.** That is, do not place anything that weighs more than 200 Grams on the platform. **You may permanently damage the load cell.**
- Handle the scale with care. This is a precision instrument and should never be dropped or otherwise mishandled. Dropping or shocking the scale will damage the internal sensors and void your warranty. We take extreme pride in the Touchscale and we ask you to treat the scale with the utmost care.
- Do not leave anything on the scale when not in use.
- If the scale is excessively cold or hot, leave the scale off and allow it to acclimate to normal room temperature for at least 1 hour prior to use.
- **Do not operate a cell phone or cordless phone within 10 feet of the scale.** It may temporarily cause the scale to malfunction.
- Do not touch the LCD screen with any sharp object; it will damage the touch panel. Use only the stylus provided with the scale.

- When changing batteries be sure the scale's cover is closed to protect from possible overload.

NORMAL WEIGHING

1. Do not put anything on the scale tray before you turn it on.
2. Turn the scale on by pressing the ON key. After 2 seconds, the display will read "0.0 g".
3. Always allow the scale to warm up for at least 30 seconds before weighing for accuracy and stability.
4. Place the item to be weighed on the center of the silver platform and read the value on the display.
5. **TARE Function:** If you need to weigh loose items or anything in a container or tray you should use the TARE function. There are two ways to use the tare:
 - A. Turn the scale On.
 - B. Place the empty container or tray on the platform.
 - C. Press the TARE button-the display will change to "0.0"
 - D. Place the items to be weighed into the container / tray.
 - E. The exact weight of the items will show. (use your tweezers to handle all gems).
6. Another simple way to use the tare for lighter items (e.g. the included expansion tray) is to simply turn the scale OFF, place the item to be tared onto the tray, then turn the scale ON. The scale will automatically tare the tray and 0.0 will show on the display. The scale is then ready for you to place items onto the tray to be weighed.
7. The scale has an Auto-Off feature that turns off the scale after lapses of non-activity. If the scale is in a room with wind or air movement, it may sense the pressure of the air and not auto-off. In this case simply press the OFF button to turn the scale off manually.
8. **MODE Function:** This scale has the ability to weigh in grams, ounces, pennyweights or troy ounces. Simply press the MODE key once the scale is on. Look for the g, oz, dwt or ozt on the left of the display to know what mode you are in.

BATTERY INSTRUCTIONS

Note: THE SCALE'S COVER MUST BE CLOSED BEFORE REPLACING BATTERIES. If the battery voltage is too low during power on, it will display "Lo" for about 3 seconds and then turn off automatically. If the battery voltage becomes too low during operation, the low-batt icon will show on the screen. Replace the batteries as soon as possible. Use 2 CR2032 3volt batteries. Please make sure the polarity is correct when installing new batteries. Slide the battery cover to access batteries.

USE AS A SIMPLE DIGITAL CALCULATOR

scale. The scale can perform four arithmetic calculations: +, -, X, /.
e.g. To calculate "(3+8)X5=55",
enter [3] [+] [8] [X] [5] [=]
then "55" will be displayed on the upper row.

MEMORY FUNCTION

To store items in memory:

1. First, enter the number (value) that you want to store in memory on the top row of the display. You can do this by using the number keypad.
2. Touch the [M] key in the top right corner of the display.
3. The [M] key will blink and all four Memory buttons will show on the display (M1, M2, M3, M4).
4. Choose one of the 4 memory buttons, e.g. [M1] by touching it.
5. The current figure on the upper row is then stored in M1
6. The [M] key will then stop blinking

To clear the memory:

1. Touch the [MC] key. At this time, the [MC] key will blink.
2. Choose one of the registered memory buttons, e.g. [M1] by touching it.
3. The stored figure in M1 is then cleared.
4. The [MC] key will then stop blinking.
5. Repeat this process for all memory numbers that you want to delete.

To recall items in memory:

The 4 items can be recalled for calculation at any time. To recall the memory, simply touch one of the memory buttons, its content will be displayed on the upper row. This comes in very handy for price computing. Simply pre-set and store your values in the memory, then you can use them to compute prices as outlined in the next section.

Note: The Touchscale uses a special integrated memory that is able to store and recall values even when the power is reset or the batteries changed on the scale! At My Weigh, we engineered the memory to make it easier for most individuals, because they weigh the same types of items for the same unit prices.

PRICE CALCULATION

1. Set the unit price:
 - A. Enter the unit price on the upper row. e.g. unit price = \$1.23/g
 - B. enter [1] [.] [2] [3] (1.23 will show on the upper row)
 - C. If the unit price was stored in the memory before (e.g. M2), simply touch the corresponding [M2] button to retrieve it.

2. Put the object to be weighed on the platform and the weight will be displayed on the lower row. e.g. weight = 35.6g
3. Touch the "CALC" key to perform the multiplication function: Total Price = Unit Price X Weight = 1.23 X 35.6 = 43.788. The total price "43.788" is then displayed on the upper row.
4. If the weight is changed, the total price figure will also be updated instantly.
5. To quit this function, simply touch the [C] key (the results will still be kept on the upper row) or touch the [AC] key (the result will be cleared and 0 will show on the upper row)

TRANSFER THE WEIGHT CONFIGURATION FOR CALCULATION

The weight figure can be copied to the upper row by simply touching it. What this means is you can weigh an object and the weight will show on the display (eg 35.6), if you touch the displayed number (35.6) the number will be automatically copied to the upper row. It can then be stored into the memory or used to perform other calculations.

SIMPLE CALIBRATION

This scale is accurate within 0.1g, only calibrate if your readings are inaccurate beyond 0.1g. Always allow your scale to warm up for 30 seconds before calibration. Always move your hands very gently during calibration as to not cause vibrations or air movement.

1. Turn the scale off and clear the platform. Make sure nothing is on the platform, not even the plastic tray.
2. Place the scale on a flat stable surface that has no vibrations and make sure there is absolutely no air movement. Surface must be extremely stable.
3. Turn the scale on by pressing the ON key. Remember to make sure the silver platform is empty.
4. When the display shows 0.0, Place a 100 gram weight on the center of the tray.
5. Wait 5 seconds for the display to stabilize ,then press and hold the MODE key until the display flashes 100.0 twice. This will take about 6 seconds.
6. Calibration is complete, release the MODE key and remove the weight from the tray.
7. If the readings are inaccurate, perform calibration again. If your scale will not properly calibrate or shows "err" please try the advanced calibration and reprogramming instructions below.

Touchscale Advanced Programming and Repair

Pre-read this entire page before you begin If you wish to make your Touchscale work faster or change the auto-off time please follow these instructions. We do not recommend any of this because it may cause your scale to be unstable, slightly inaccurate or burst into flames (just kidding). You can always change it back to the default settings.

This is not an easy procedure and must only be done if necessary. Low batteries are the #1 cause of scale malfunction, so be sure you have good batteries installed. Place the scale on a flat stable surface that has no vibrations and make sure there is absolutely no air movement. **Make sure the scale is not turned on.** Make sure nothing (not even the plastic tray) is on the silver platform and the scale is turned Off.

1. Turn the scale ON
2. Press and hold the OFF key for 10 seconds. The display will then change from 0.0 to a random large number (such as 583, 1088, etc). This is the gravitational number. **If this number is above 1400, then see the bottom of this section.**
3. Gently place a 100g standard weight on the platform. The displayed figure will increase. Be very gentle at each step.
4. Wait 5 seconds for the display to stabilize and then press the OFF key once. The display should change to 2000.
5. If the display does not show 2000, Change the 0000 figure to 2000 by pressing the MODE key. If you make a mistake and press it too many times, you can just keep pressing it until you get it back to 2000. If necessary you can press the TARE key to shift the blinking digit to the next spot and then use the MODE key to change that number also.
6. Press the OFF key. The display should show 6114.
7. Press the OFF key again. The display should show 8295.

If you want to make the scale perform faster, press the MODE key to change this number to 4255. Press the MODE key several times to change the first figure to 4. This sets your scale to weigh faster.

If you want the scale to have a longer auto-off time then change the second digit to a higher number. This is done by pressing the TARE key to shift the blinking digit to the second row. Now you can press the MODE key to increase the number. What we mean is the 2 in 8295 is the number of 30 second increments before auto off. If you set it to a higher number (3 for

- off time, 8495 will be a 120 second auto off time, 8595 will be a 150 second auto off time and so on.
8. Press the OFF key again. The display will show "Off" and the scale will turn off in 2 seconds, which means the calibration and advanced programming is completed.
 9. Remove the 100g weight from the platform.
 10. Turn the scale back on and test some weight readings.

Remember, you can always change your scale back to the default settings. If your scale is not operating properly, try changing it back to the default settings or verify that your settings are correct. Usually that will fix any problem you are having with your Touchscale.

Touchscale "Last Ditched Effort" REPAIR GUIDE

This is an extremely advanced repair guide for the Palmscale **These instructions are only to be used if you are absolutely sure your scale is "beyond repair"** and you would like to make a last ditched effort to get it working again. This should only be used for scale problems that were caused by extreme shock or overload that bends the load cell too far down.

1. Turn the scale on. "Err" may appear. Just turn it on anyway.
2. Press and hold the OFF key until the display turns into a random number.
3. If the random number is higher than 1400, that means the load cell has been overloaded. You can try prying up on the tray until the random number (the AD Value) changes to a number closer to 1000 (ie 750 or 1100). Basically you're bending the load cell back upwards trying to get the scale to come back to use.
4. Proceed to advanced recalibrate the scale as shown in the instructions above and hopefully it will work fine.

"Flashing 88888" Underload Repair

This will help you if your scale is flashing intermittently "88888". The flashing 88888 indicates that the scale has been underloaded. What this means is that the scale was dropped or shocked and the load cell was bent upwards. This can often be repaired by simply pressing down on the weighing platform to lightly bend the load cell back downwards. Be careful not to press too hard - basically you want to use just enough force to get the scale to work.

1. Turn the scale ON (it will flash 88888)
2. Press down on the tray with light-medium force and release. If the scale stops flashing 8888 and shows 0 (0.0) you are done. If the scale continues to flash 88888 then try pressing a bit harder, and repeat
3. If you are unable to get the scale to work properly using this method then you

warranty instructions.