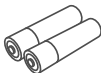# truweigh

0.00
g

M Z/T CAL ⏻

Thanks for purchasing the RIOT Digital Mini Scale! This User Guide is designed to get you up and running quickly with your scale. Scales are precision instruments and require proper care and skill to get the best results. If you have questions or need support, visit us at http://www.truweigh.com/support or scan the QR Code on the back of this manual using your smartphone.

What's In The Box

User Guide	Two AAA Batteries	RIOT digital mini scale with Cover/Tray
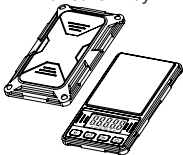
Key Descriptions

M: Changes the weighing unit.

Z/T: Zero's the scale. Also subtracts the weight of an empty container (see Tare Function).

CAL - Enters Calibration Mode (see Calibration).

⏻ - Turns the scale ON or OFF.

Things To Avoid

|		
Unlevel Surfaces	**Radio Frequency Interference**	**Air Currents**
Vibration	**Extreme Temps**	**High Humidity**

Weighing Your First Item

1. Press the ⏻ key to turn the scale on.
2. Place your item on the center of the weighing platform.
3. Take your reading from the display. You can press the **M** key to convert between weighing units.
4. The scale's auto-off function will turn the scale off after 3 minutes of inactivity or you can press the ⏻ key to turn the scale off.
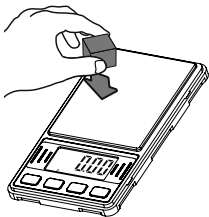
Auto-Off

By default, the scale will auto-off after 180 seconds of inactivity. To change or disable the auto-off timer:

1. Turn the scale on and wait for the display to zero.
2. Press and hold the **Z/T** key until the display shows the current auto-off setting (ie 180), then release.
3. Press the **M** key to change the auto-off setting between 180 sec,120 sec, 60 sec, or 0 sec (auto-off disabled).
4. Press ⏻ to turn the scale off when finished.

Tare Function

The Tare function allows you to subtract the weight of a container so that the display only shows the weight of the contents.

Place an empty tray or container on the platform.

Press the **Z/T** key to subtract the container's weight.

Add items to the container to see their weight on the display.

⚠ **NOTE:** The weight of the container will subtract from the available capacity and will leave a negative value on the display once the weight is removed. Press **Z/T** again to return the display to zero.

Accuracy

Your scale comes calibrated from the factory and most users wont need to calibrate their scale for a long time. You should check your scale's accuracy periodically using calibration weights and perform calibration if necessary.

⚠ **NOTE:** Only use trusted calibration weights. Household items such as bottles and cans with weights printed on the side are not suitable for checking accuracy as these values are approximate and don't include the container weight (Net Weight).

Calibration

Calibration adjustment is permanent and should only be performed using accurate calibration weights that match the requirements for your scale (see the chart on back). Do not use coins or other household items to calibrate.

1. Prepare the required weight for your scale. (see chart on back)
2. Find a flat and level surface to perform calibration and let the scale adjust to room temperature.
3. Press ⏻ to turn the scale on and wait for the scale to stabilize.
4. Press the **CAL** key. The display will show 'CAL'.
5. Make sure nothing is on the platform then press **CAL** to confirm the zero point.
6. The display will then flash the required calibration weight. (50g)
7. Place the required calibration weight on the center of the platform.
8. The display will show 'PASS' then return to normal weighing mode. You may now turn the scale off or continue weighing.
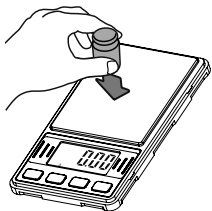
Specifications

	RT-100-01
Max Capacity	100 g / 3.527 oz / 3.215 ozt/ 64.30 dwt / 500.00 ct / 1543.2 gn
Readability	0.01 g / 0.001 oz / 0.001 ozt / 0.01 dwt / 0.05 ct / 0.2 gn
Weighing Units	g, oz, ozt, dwt, ct, gn
Dimensions	Overall: 5.1 in x 2.9 in x 0.9 in Platform: 2.5 in x 2.9 in Display: 0.8 in x 1.7 in
Calibration Weight	50g (sold separately)
Power	2 x AAA Batteries
Warranty	10 Year Limited Warranty

For more information, including weighing tips and support, scan this code with your smartphone

Or visit us online at truweigh.com/support/