

(PDF Format By RightOnScales.com)

2004-2007 iBalance 101 and 201 Owner's Manual & Updates

(NOT for the 1999-2003 Models, for those models please visit www.myweigh.com)

IMPORTANT NOTE REGARDING CALIBRATION /

SCALE MANUAL CORRECTION

In order to enter calibration mode you must quickly press and release the zero and on/off keys. If you hold the keys for too long the scale will simply turn back off. So, to enter calibration mode press the Z key then press ON/OFF and quickly release the keys. The scale will enter calibration mode and you can then follow the regular calibration instructions.

Low Batteries & Faulty AC Adaptors are the #1 cause of scale malfunction and inaccuracy! We test all of our scale returns from consumers. Fully 60% of consumer returns are simply dead or low batteries. 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. A Faulty AC adaptor can cause your scale to act unstable with numbers "jumping" all around. Please test your scale with a good set of batteries (instead of the AC adaptor) to determine if perhaps the AC adaptor is faulty.

SAFETY PRECAUTIONS

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

eq \\ac(□,)!WARNING	Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.
eq \\ac(□,)!CAUTION	Important information that tells how to prevent damage to the equipment.

When using the i101, the following safety precautions should always be followed.

eq \\ac(□,)! WARNING

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

eq \\ac(□,)! 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 6 batteries as this may cause a malfunction.

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 put more than 100 grams on 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.

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Counting procedures

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

Wait for "0" to appear on the display.

2.Start the Count Procedure

If necessary, press [ZERO] key to set the display to "0".

3. Place a given number of samples of an item on the pan (the Sample Size should be either 10□20□50 or 100 pieces). The weight of these samples will show on the display.

4. Press the [UNIT] key several times to put the scale in PCS mode (the indicator should be on pcs).

5. Select the sample size (the same as you chose above) by pressing the [PCS] key

size is the same as in step three =10□20□50or100),

6. Press the [UNIT] key, the display will show “pass”, 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 0)

7. Place the items that you want counted onto the tray and the total number of items will show on the display.

8. Press the “UNIT” key to exit the counting function and return to normal weighing or you can press ON/OFF to turn the scale off .

NOTE: the weight of unit sample > 10e.

FUNCTION SETTINGS

1. Enter function setting mode.

The scale should be OFF. Press **and hold** [UNIT] first, then press and release [ON/OFF] (**while** keeping [UNIT] pressed) the display will show **LIGHT** or **A_OFF** arrow and the display will show 888888 Now you can release the UNIT key.

2. Selection of auto backlight mode.

Press [UNIT] to select auto backlight function, the display will show an arrow next to **LIGHT** , this means auto backlight function active, press [UNIT] again, the display will not show the arrow next to **LIGHT**, this means the auto backlight function is inactive, i.e. shut off backlight function.

3. Selection of auto shut off mode.

Press [ZERO] to select auto shut off function, the display will show an arrow next to **A_OFF**, this means auto shut off function active. Press [ZERO] again, the display will not show an arrow next to **A_OFF**, this means the auto shut off function is 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 normal weighing mode.

CALIBRATION

On some model i201 scales there is a different calibration entry method. The correction is that to enter calibration mode you must quickly press and release the zero and on/off keys. If you hold the keys for too long the scale will simply turn back off. So, to enter calibration mode press the Z key then press on/off and quickly release the keys. The scale will enter calibration mode and you can then follow the regular calibration instructions.

When to calibrate - calibration is RARELY required.

Calibration may be required 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 100 gram weight or combination of weights in order to calibrate****

- 1. The scale must be powered OFF.** Press and hold [**ZERO**] first, then Press [**ON/OFF**] while keeping the [**ZERO**] button depressed, then release both keys. The display will show the A/D value (a series of random numbers).
2. Wait for the stable indicator to be displayed, Press [**UNIT**] the display will show "**00SAVE**", then after 2 seconds the display will return to the random A/D value.
- 3.** Place 200 grams of weight(s) on platform. Wait for the stable indicator to display, then press [**UNIT**], the display will show "**00SAVE**". Calibration is complete, remove the weight(s).
- 4.** Turn the scale OFF (Press the ON/OFF key) , then turn it back ON and check some weight readings. If calibration is still incorrect, repeat calibration but try it more slowly.

If calibration is repeatedly incorrect then: 1) Replace the batteries, 2) Try a more

electricity on the scale (use an anti-static spray to remove static electricity)

FEATURES

- Auto shut off (optional)
- Auto zero tracking
- Low battery indication
- Large LCD (6digits 15 mm high)
- Large square weighing tray
- Net weight/stability indication
- Auto calibration
- Auto backlight (optional)
- g /oz/mg/ozt/dwt/ct/gn/pcs conversion
- with counting function

0.005 gram division – professional accuracy

WEIGHING

Before weighing

Whenever possible, please allow the scale to warm up for 30 seconds after first turning the power on so that the scale will function properly and accurately.

Error messages

EEEE: Overload

: Low battery

Calibration may be required before weighing.

Calibration is rarely needed. Read "CALIBRATION" first and if necessary, calibrate your scale for accurate weighing.

Weighing procedures

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

When the power is turned on, all display segments appear 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" □ "oz" □ "mg" □ "ozt" □ "dwt" □ "ct" □ "gn" or "pcs".

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 [**ZERO**] to display "0".

Place objects on the weighing platform to weigh.

When the reading becomes stable, the stable indicator 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 [**ZERO**].

Place the objects to be weighed in the container.

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

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