



SlimPRO
Talking Low-Profile Health Scale
Operation Manual

Bascula de salud parlante de bajo perfil
Manual de funcionamiento

This device is operated in the frequency band(s) and the maximum output power (E.I.R.P):
2402MHz – 2480MHz: 5.25dBm

The suitable temperature for the product and accessories is 0 to +40 °C. This product can be used across EU member states.

FCC STATEMENT

The device has been evaluated to meet general RF exposure requirements and can be used in portable exposure conditions without restriction. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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DISCLAIMER

While every precaution has been taken in the preparation of this manual, the Seller assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein. All instructions and diagrams have been checked for accuracy and ease of application; however, success and safety in working with tools depend to a great extent upon the individual accuracy, skill, and caution. For this reason, the Seller is not able to guarantee the result of any procedure contained herein. Nor can they assume responsibility for any damage to property or injury to persons occasioned from the procedures. Persons engaging in the procedures do so entirely at their own risk.

PROPER DISPOSAL

When this device reaches the end of its useful life, it must be properly disposed of. It must not be disposed of as unsorted municipal waste. Within the European Union, this device should be returned to the distributor from where it was purchased for proper disposal. This is in accordance with EU Directive 2002/96/EC. Within North America, the device should be disposed of in accordance with the local laws regarding the disposal of waste electrical and electronic equipment.

It is everyone's responsibility to help maintain the environment and to reduce the effects of hazardous substances contained in electrical and electronic equipment on human health. Please do your part by making certain that the device is properly disposed of. The symbol shown to the right indicates that this device must not be disposed of in unsorted municipal waste programs.



FEATURES

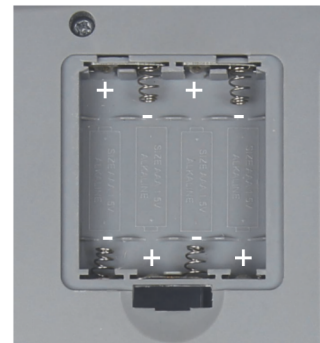
Capacity:	600 lb x 0.1 lb / 272 kg x 0.1kg
Weight Indication Display:	Four-digit, seven-segment LCD, 1.4 in / 36 mm high digits with blue backlight
Voice:	English, Spanish, OFF
Indicators:	Weight, Height, BMI Calculation, Low Battery, Mother, and Baby Mode
Functions:	Mother and Baby weighing mode Baby weight starts from 2.2 lb (1 kg) Auto-ON requires a minimum weight of 11 lb (5 kg) Auto-OFF (approximately 5 seconds) Unit: lb/kg, selected by a switch on the bottom of the scale BMI calculation Manual Input Height (75 cm to 225 cm with 1 cm)
Interface:	Bluetooth Low Energy (BLE) 4.0
Power:	Four (4) "AAA" Batteries (included)

UNPACKING

Before using your scale, make certain the scale has been received in good condition. When removing the scale from its packing, inspect it for signs of damage, such as exterior dents and scratches. Keep the carton and packing material for return shipment if it should become necessary. It is the responsibility of the purchaser to file all claims for any damages or loss incurred during transit.

POWER-UP INITIALIZATION

1. Turn the scale over and locate the removable panel on the bottom of the scale.
2. Remove the panel by pushing in on the tab and lifting it up to access the battery holder.
3. Install the included four (4) "AAA" size alkaline or carbon-zinc batteries, noting the polarity markings located in the battery holder.
4. After placing all four (4) batteries in the holder, replace the panel.
5. The scale will turn on, the display will show all segments, change to a moving \square , and then change to show "0.0 lb". If not, remove the panel and check for one or more improperly positioned batteries.
6. The scale has completed initialization and is ready for operation.



WEIGHING UNIT SWITCH


The weighing unit switch is a push-button switch located on the bottom of the scale. Pressing the switch will toggle the weighing units between kg (kilograms) and lb (pounds).

NOTE: The default weighing unit setting is lb.

1. With the scale off, using the end of a pen, press the push-button.
2. The Zero weight and current weighing unit setting will be shown on the display, e.g., "0.0 kg".
3. Press the push-button again to toggle to lb.
4. The Zero weight and new weighing unit setting will be shown on the display, e.g., "0.0 lb".



VOICE LANGUAGE SELECTION

1. With the scale off, press and hold the  button for at least 5 seconds.
2. The scale display will show the default language E_n (English).
3. Press the \blacktriangle or \blacktriangledown to toggle the voice language selection between:
 - E_n = English
 - SP = Spanish
 - OF = OFF (no voice)
4. Press the \leftarrow button when you have made your selection.
5. The display will change to show $E_n d$, and then turn off the scale.

NOTE: The voice language selection is saved in EEPROM and will not change when replacing the batteries.

LOW BATTERY

When the battery voltage has dropped too low for accurate weighing, the $L \square$ message will be displayed for 2 seconds, and the scale will automatically turn off. Remove the old batteries and replace them with new batteries before continuing operation.

INSTALLING THE CARPET FEET

If you are using your scale on a carpet, we recommend that you use the included carpet feet. To install the carpet feet, perform the following:

1. Remove the four (4) carpet feet from the packaging.
2. Turn the scale over and locate the four (4) existing feet on the bottom of the scale.
3. Align the prongs of one carpet foot with the holes in one of the scale's existing feet.
4. Insert the carpet foot prongs into the holes, making sure the prongs align straight up and down with the holes of the scale foot.
5. Being careful not to twist the carpet foot, and with even pressure, gently push straight down on the carpet foot to seat it into the scale foot.
6. Repeat steps 3 through 5 for the other three (3) scale feet.



OPERATION

Weighing Only Mode

1. Step on the scale. It will turn on automatically.
2. The scale will measure your weight. Once stable, the display will blink several times and then lock onto your weight. If the voice mode is on, the scale will announce your weight (in the selected language and weighing units).

For example, if E_n (English) has been selected for the language and lb (pounds) for the weighing units, the scale will speak “*Your weight is 163.5 pounds*” in English.

3. If you step off the scale before a stable weight is obtained, the scale will display “0.0 lb” for 5 seconds, then a moving zero will be shown on the display, and then the scale will automatically turn off.
4. When step off the scale (after a stable weight is obtained), your weight will be displayed for 5 seconds, then a moving zero will be shown on the display, and the scale will automatically turn off.
5. If you are on the scale for over 20 seconds, the scale will automatically turn off without showing the moving zero on the display.
6. Step off the scale. Your weight will continue to be displayed for approximately 5 seconds, and then the scale will automatically turn off.

NOTE: If the voice mode is on, the scale will say “Goodbye” (in the selected language) when it automatically turns off.

Weighing with BMI Functions

1. With the scale off, press the ▲ or ▼ button.
2. The scale will display the default height, or the last height setting used.
 - If lb (pounds) were selected for the weighing units, the default height is 5' 10.0”.
 - If kg (kilograms) were selected for the weighing units, the default height is 178.0 cm.
3. Press the ▲ or ▼ button to adjust the height, press ↵ to confirm.
4. When the height value is confirmed, the display will change to show “0.0 lb”.
5. Step on the scale and stand still while your weight is measured.
6. The display will blink several times, lock onto your weight, blink your weight several times, and then show your BMI value.
7. If the voice mode is on, the scale will announce your weight, and then announce your BMI (in the selected language and weighing/height units).




For example, if E_n (English) has been selected for the language and lb (pounds) for the weighing units, the scale will speak “*Your weight is 163.5 pounds, Your BMI is 22.8*” in English.

8. Step off the scale. Your BMI will continue to be displayed for approximately 5 seconds, and then the scale will automatically turn off.



NOTE: If the voice mode is on, the scale will say “Goodbye” (in the selected language) when it automatically turns off.

OPERATION, CONT.

Mother and Baby Weighing Mode


1. With the scale off, press the  button to enter the Mother and Baby weighing mode.
2. The display will change to show “0.0 lb” with the  icon flashing.
3. The mother steps on the scale.
4. The display will blink several times and then lock onto the mother’s weight with the  icon on. If the voice mode is on, the scale will announce your weight (in the selected language and weighing units).

For example, if EN (English) has been selected for the language and lb (pounds) for the weighing units, the scale will speak “*Your weight is 122.5 pounds*” in English.

5. When the mother steps off the scale, the display will change to show “0.0 lb” with the  icon flashing which means the scale is ready to weigh the baby.
6. The mother steps onto the scale with the baby.
7. The display will blink several times showing the combined weight of the mother and baby and then lock onto the baby’s weight with the  icon on. If the voice mode is on, the scale will announce the baby’s weight (in the selected language and weighing units).

For example, if EN (English) has been selected for the language and lb (pounds) for the weighing units, the scale will speak “*The baby weight is 11.4 pounds*” in English.

NOTE: If the baby’s weight is lower than 2.2 lb (1kg), the scale will display “- - -”.

8. The mother steps off the scale with the baby.
9. The display will change to show “0.0 lb” with the  icon flashing.
10. To weigh another baby, repeat steps 3 through 8.
11. If there are no weighing operations within 15 seconds, a moving zero will be shown on the display, and the scale will automatically turn off. If the voice mode is on, the scale will say “Goodbye” (in the selected language) when it automatically turns off.

NOTE: When the scale is turned on again, it will be in normal weighing mode.

BLUETOOTH FUNCTIONS

Bluetooth Pairing

To pair a Bluetooth-capable device with the scale, select the name of the scale “Chipsea-BLE” from the list of available connections.

Weight Data

GATT Service ID: 0000fff0-0000-1000-8000-00805f9b34fb

Characteristic ID: 0000fff1-0000-1000-8000-00805f9b34fb (Need to subscribe to get data)

0	1	2	3	4	5	7 to 19
Packet Header	Data					
0xFA	0x04 (Temporary Weight) or 0x05 (Lock weight)	Abnormal information: 0. Normal weighing 1. Overload 2. Minus value 3. Low battery warning 4. Auto Zero	Units 0 – KG 1 – LB	Decimal place 0 – No decimal point 1 – 1 decimal point 2 – 2 decimal point	Weight (high bit in front, low bit after)	Not used