



**THE LITTLE GUY**

the little guy  
professional scale  
operations manual

The instructions in this operation manual apply to the little guy professional scale. You have purchased a quality precision weighing scale that requires handling with care. Make sure to read through this operation manual prior to using the scale.

Model – LG-30A

[lovethelittleguy.com](http://lovethelittleguy.com)



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# 1 Let's start





## 1.1 What's included in the box?

1. Digital smart coffee scale with timer.
2. Operations manual.
3. USB charging cable.
4. Heat resistant pad.

## 1.2 Battery

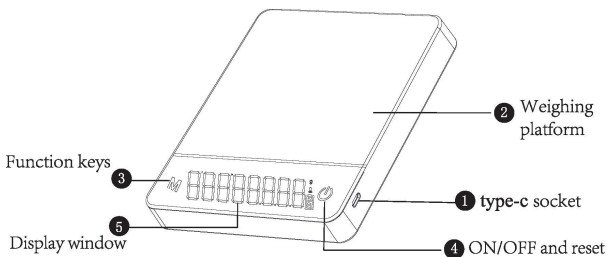
- **Please charge the scale before first use.**
- You can charge the battery by plugging the provided USB cable into any power supply such as a computer, a wall A/C via USB power adapter, or a DC via car power adapter.
- It takes between 1~3 hours to fully charge the battery from empty.
- A fully charged battery will allow the scale to operate for up to 12 hours.
- If the battery is flat, we recommend that you NOT use the scale whilst it is in the process of charging.


## 2 Operating environment

	<p>This scale is intended for <b>indoor</b> use.</p>
	<p>Select a workplace that is stable, vibration-free, and horizontal.</p>
	<p>Do not locate the scale near any equipment/instrument which contains <b>magnets</b>.</p>
	<p>Avoid places where room temperatures are unstable. Room temperature above 40 degrees Celsius or below 15 degrees Celsius may result in weighing inaccuracy.</p>

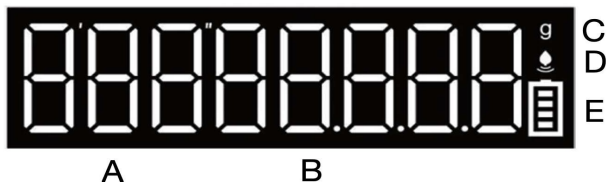
## 3 Learn about the scale


### 3.1 Scale overview



1	Charging socket (type C)
2	Weighing platform
3	Function key (3) <b>M</b>
4	ON/OFF key (4)  and reset
5	Display window


### 3.2 Display window



<b>A</b>	Timing display area. Up to 9 minutes 59 seconds.
<b>B</b>	Weighing display area.
<b>C</b>	Unit display – <b>g</b> (grams).
<b>D</b>	Water Drop Symbol (D) 
<b>E</b>	Battery indicator. Flashes when charging. 4 level power display.
<b>Sound</b>	Key tones on pressing the keys and notification tone every 60 seconds

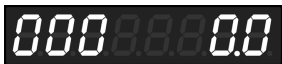
## 4 Operating the scale


### 4.1 Powering on and off

- **Powering on.** Short Press ON/OFF key (4)  to turn the scale on. The scale will power up and display.




- The scale when then indicate it is ready to use by displaying.



- **Powering off.** Long Press and hold the ON/OFF key (4)  for 3 seconds to turn off the scale.

### 4.2 Tare Weight


- When the scale is on - Short Press the ON/OFF key (4)  once to TARE the scale.




## 5 Operating modes

There are 3 modes of operation in the scale.

NORMAL MODE, ESPRESSO MODE and FILTER MODE.

To move between modes, Double Tap the ON/OFF key (4)  .

The Water Drop Symbol (D)  will indicate the mode of operation.

1. Off – NORMAL SCALE MODE
2. Flashing – ESPRESSO MODE
3. Steady – FILTER MODE


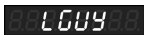
ESPRESSO MODE will automatically tare the scale, start the timer when espresso shot is detected on the scale and stop the timer when the scale detects that espresso shot has stopped.

FILTER MODE will automatically start the timer when coffee begins dripping and stop when you remove the jug.



## 5.1 NORMAL SCALE MODE

Water Drop Symbol (D)  off.

The scale behaves as a normal scale.

- Short Press the ON/OFF key (4)  to turn the scale on. The scale will power up and display  and then



- The scale is now ready for use in NORMAL MODE.
- Long Press ON/OFF key (4)  for 3 seconds to shut down the scale.
- Short Press the ON/OFF key (4)  once to TARE the scale.
- Short Press the Function key (3) **M** to pause or start the timer or use as a stopwatch.
- Long Press the Function key (3) **M** for 3 seconds to reset the timer.

## 5.2 ESPRESSO MODE



Water Drop Symbol (D)  flashing.





This mode is designed for baristas who would like to measure the time of the shot starting from the first few drops of coffee in the cup.

When a stable weight is detected (espresso cup), the scale will perform the auto-tare operation.

After the scale detects the coffee flow, the timer starts. The timer will stop when the coffee flow stops.

In all Auto Start Modes, the timer will stop when a negative weight (i.e., removal of cup) is detected.

- Short Press the ON/OFF key (4)  to turn the scale on and power up in NORMAL MODE.
- Short Press the ON/OFF key (4)  once to TARE the scale.

- Once in the NORMAL MODE Double Tap the ON/OFF key (4)  to enter ESPRESSO MODE. The Water Drop Symbol (D)  will begin flashing.
- In the ESPRESSO MODE, when the scale detects that the object on the scale plate is greater than 9g, it will TARE automatically. Water Drop Symbol (D)  will continue to flash.
- The timer will begin automatically when the coffee droplets are detected within a range of 0.5 – 9g. Water Drop Symbol (D)  will now be steady.
- The timer will stay on until the scale recognizes there is no weight increase of more than 0.5g within a 5 second period. At this point the timer will stop.
- After the coffee shot is complete, the time and weight will flash 5 times, so that you can record the data. After this period the scale will be reset.

## **Tips for beginners.**

An espresso recipe consists of dose, yield, and time. Using a scale and measuring these elements in a recipe will help you replicate a great shot and quickly troubleshoot when issues arise.

The espresso dose is how much ground coffee you are putting into our basket. To ensure your dose is accurate, tare the scale with the portafilter on top - then grind it into the basket, tamp and then place the portafilter back on the scale.

Measure the dose in grams.

The yield— this is the total weight, in grams, of your shot of espresso.

Write down the dose and yield as a ratio - this formula measures ground coffee input to liquid espresso output. Ratios for espresso typically range from 1:1 to 1:3, with a general rule of using smaller ratios for darker roasts and larger ratios for lighter roasts.

Time ties everything together - the total number of seconds a shot takes. Aim for your shot to pull between 25 and 30 seconds.

**Please note:**

In ESPRESSO MODE there will be a difference between the shot clock timer on your espresso machine and the time indicated on the scale.






The machine shot clock begins as soon as you press the button and will include pre-infusion time.

The scale is measuring the actual shot weight and time of the coffee - as it enters the espresso cup or container on the scale.

## 5.3 FILTER MODE

Water Drop Symbol (D)  steady.

When the scale detects the flow of coffee, the timer starts. The timer will stop when you REMOVE the jug from the scale.

- Short Press the ON/OFF key (4)  to turn the scale on.
- Short Press the ON/OFF key (4)  once to TARE the scale.
- Once in the NORMAL MODE Double Tap the ON/OFF key (4)  to enter ESPRESSO MODE. Then Double Tap the ON/OFF key (4)  again to enter the FILTER MODE.
- Water Drop Symbol (D)  will be steady.
- After placing the jug with coffee on the scale, Short Press the Function key (3) **M** to reset the scale and prepare it for filter coffee.

- The display will flash 3 times to indicate the scale is initiating for filter mode.



- The scale will then indicate it is ready by displaying.



### **Tips for beginners.**

Before you start with your coffee, place the filter paper in the jug and pour a little water onto the filter paper - then discard the water that comes through.

Add your coffee, place the jug on the scale and Short Press the Function key (3) **M** to reset the scale and prepare it for filter coffee.

Begin by adding a small amount of hot water to wet the grounds. Typically for 20g of ground coffee pour approximately 40 - 50ml of your hot water. Add just enough to soak the coffee,



about twice the weight of the coffee.

The timer will begin automatically when the coffee droplets are detected within a range of 0.5 – 9g.

Wait for 30 to 40 seconds. This allows for the coffee to bloom.

Valid data will only be recorded when the timing is greater than 38 seconds. For brew times less than 38 seconds, the time and weight will not be displayed, and the timer will stop.

Slowly pour the remaining water over a 2-to-2.30-minute period, circling the flow from the inside out. This helps to make sure all the grounds get wet.

To stop the autotimer – remove the jug from the scale. The time and weight will flash.

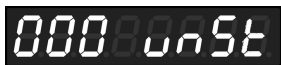
Record the weight and time.

## 5.4 Other functions


- 5.4.1** In both NORMAL SCALE MODE and FILTER MODE, at any time during the brewing process - Short Press the Function key (3) **M** to pause or start the timer.
- 5.4.2** Long Press the Function key (3) **M** for 3 seconds to reset the timer.
- 5.4.3** Auto Power off. The scale will automatically power off after **3 minutes** of no use.
- 5.4.4** Audible alarm when the timer reaches the maximum of 9 minutes 59 seconds.
- 5.4.5** Overload – the load on the scale exceeds 3000g.



- 5.4.6 Scale is not on a stable base. The following error code will be displayed.



000 unstable

- 5.4.7 **Turning the sound on and off.**  
During power up - whilst the scale is displaying  - Double Tap the Function key (3) **M**.

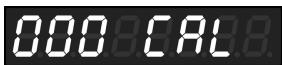
Short Press the Function key (3) **M** again to toggle the sound on and off.

	Sound off
	Sound on

## 6 Calibrating the scale

Regularly calibrate your scale to maintain accuracy.

- Whilst in the **NORMAL MODE**, Long Press the Function key (3) **M** down for 3 seconds ("CAL" will be displayed).

A digital scale display showing the text "000 CAL" in white on a black background. The "000" is on the left and "CAL" is on the right.

- Short Press the Function key (3) **M** again and 100.0 will flash on the screen.

A digital scale display showing the text "000 100.0" in white on a black background. The "000" is on the left and "100.0" is on the right.

- Now Place a 100g weight on the scale to start the calibration process. When calibration is complete - "PASS" will be displayed on the screen.

A digital scale display showing the text "000 PASS" in white on a black background. The "000" is on the left and "PASS" is on the right.

You can also calibrate the upper limit of 3000g although this is not necessary.

Whilst in the **NORMAL MODE**, Long Press the Function key (3) **M** down for 3 seconds ("CAL" will be displayed).

A digital scale display with a black background and white LED characters. The display shows '000' on the left and 'CAL' on the right.

- Short Press the Function key (3) **M** again and 100.0 will flash on the screen.

A digital scale display with a black background and white LED characters. The display shows '000' on the left and '100.0' on the right.

- Short Press the Function key (3) **M** again and 3000.0 will flash on the screen.

A digital scale display with a black background and white LED characters. The display shows '0003000.0'.

- Now Place a 3000g weight on the scale to start the calibration process. When calibration is complete - "PASS" will be displayed on the screen.

A digital scale display with a black background and white LED characters. The display shows '000' on the left and 'PASS' on the right.

## 7 Specifications

Product name	the little guy professional scale
Model	LG30-A
Response time	20 ms
Capacity	0.1g - 3kg
Readability	0.1 g
Measuring Units	grams
Material	ABS silicone
Display	LED top, touch sensitive
Power	1200 mAh rechargeable battery with up to 12-hour operation
Auto standby	After 3 minutes of no use
Electrical Requirements	5.1V/800mA
Stopwatch	Display up to 9 minutes 59 seconds
USB	type-C connector
Scale size	(L x W x H) 160x155x26mm
Approx. weight	442g
Made in	China
Warranty	12 months from purchase

All specifications subject to change without notice.

## 8 Disclaimer notice and cautions

- Calibrate your scale using a calibration weight of the appropriate tolerance (class) – we recommend M1. You can purchase a calibration weight online from [lovethelittleguy.com](http://lovethelittleguy.com).
- A scale can be no more accurate than standard masses to which it has been compared. For more details, please read Calibration Mode section in the operation manual.
- Do not place any hot object directly on the weighing pan. Please use a heat resistant pad under hot objects.
- Any modification made without the consent of manufacturer may result in damage to scale and will void the warranty.
- Use caution when working with and using lithium-ion batteries as they are very sensitive to charging characteristics and may explode, burn, or cause a fire if misused or

mishandled. Always charge in or on a fire-proof surface. Never leave batteries charging unattended. Stop using the battery if you notice strong odours, colour change, extreme heat, change in shape, leaking or unusual sounds (for example popping or hissing). Don't touch leaking or damaged batteries (use gloves) and clean up any spilled material carefully. If safe to do so remove the device away from anything that can catch fire. If your battery catches fire ring 000 immediately and wait in a safe location for firefighters to arrive.

- The scale is NOT waterproof and cannot be washed with water. Use a wet cloth to clean the outside by gently wiping it.



## 9 Warranty

For full warranty conditions please refer to [lovethelittleguy.com/pages/warranty](http://lovethelittleguy.com/pages/warranty)

The little guy is owned and operated by the Kaffeina Group Pty Ltd (Kaffeina). Kaffeina guarantees the little guy products are warranted against defects caused by faulty workmanship and materials for twelve months domestic use, (three months commercial use) from date of purchase.

During this Guarantee period Kaffeina will repair or replace any defective product. However, if the product includes accessories, only the defective part or accessory will be replaced.

Kaffeina reserves the right to make minor adjustments instead of replacing the product or accessory. Packaging, instructions, recipes etc. will not be replaced unless faulty. Subject to your statutory rights as to the merchantable quality of the product or accessory.

In the event of a product or accessory being replaced during the guarantee, the guarantee on the replacement will expire at the original date, i.e., 12 months from the original purchase date.

**Governing law.** All products and services are sold by Kaffeina under the laws of the state of Victoria, Australia which laws shall govern any claim or dispute in connection with any products.

Refer [lovethelittleguy.com/pages/terms-of-service](http://lovethelittleguy.com/pages/terms-of-service)

## 10 Contact details

If failure or fault occurs, contact our Customer Service Centre via email:

[support@lovethelittleguy.com](mailto:support@lovethelittleguy.com)

OR

in writing:

**the little guy**

C/O Kaffeina Group Pty. Ltd.

3 Dairy Drive

Coburg North

VIC 3058

AUSTRALIA

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