# acaia



# La Marzocco Brew-by-Weight Scale User Manual

AL011

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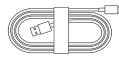
# In the Box

#### Introduction

Thank you for choosing our scale. The La Marzocco Brew-by-Weight Scale is designed and manufactured to the most rigorous standard to give you the best coffee brewing experience. Start by checking your La Marzocco Brew-by-Weight Scale box to find the following:









La Marzocco Brew-by-Weight Scale

Heat Resistant Pad

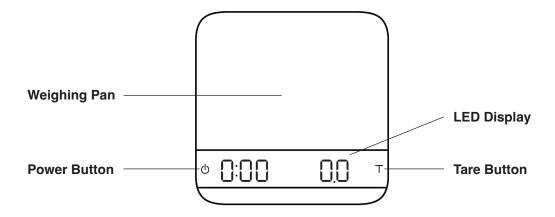
USB Type-C Charger Cable

Acaia Calibration Weight 100 g

Next, follow the instructions in Getting Started to begin using your scale. To take full advantage of the Brew-by-Weight Scale's many features, carefully read through the manual, which contains step-by-step procedures, examples, and other information.

Warning: Incorrect handling of this product could result in personal injury or physical damage.

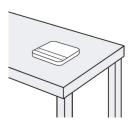
#### **Scale Overview**



\*Note: For the best performance, place the weight in the center of the weighing pan.

# **Getting Started**

### Placement



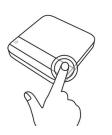
Place the scale on a stable and vibration-free surface at a preferably horizontal location.

#### Power On/Off



[Press] () to turn on the scale. [Double tap] () to turn off the scale.

#### **Tare Weight**



[Press]  $\top$  to tare/zero the weight.

#### **Switch Mode**



[Press and hold] 🕁 to switch modes.

\* Please see the "Mode Introduction" section for more details.

#### **Battery Charge**

- You can charge the battery by plugging the USB cable into any of the power supplies listed below:
  - A computer
  - A USB wall-charger with an output of 5 volts and 1 amp
  - A DC car-charger with an output of 5 volts and 1 amp
- It takes about 1-2 hours to fully charge the battery from empty. Try not to let the battery completely run out before charging. Charge as needed.
- To check remaining battery level, see below for Battery Level Indicator.

#### **Battery Level Indicator**



When powering off



When accessing settings

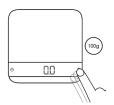
- When powering off the scale, the Battery Level Indicator can be seen on the top of the display.
- You can also check the battery level in the main settings menu. When the scale is powered off, press and hold the Power button, the LED display will show [ACAIA] and then changes to [SEt]. Continue holding the Power button until the battery percentage is displayed.
- You can also check the battery level by connecting the scale to Acaia Apps.

#### Calibration



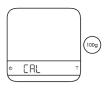
Turn on scale

Turn on the Acaia scale.



Tap T button

Make sure the scale is in weighing mode and the unit is set to 'gram', then tap the 'T' button rapidly.



See CAL display

Keep tapping the 'T' button until 'CAL' is shown on the display.

# (1009) • \_End\_ T

#### Place a weight

Place a weight on the scale and wait until the display shows '\_End\_'. Calibration is now complete!

Note: You may also use 500 g, 1000 g or 2000 g weights. If you use weights other than Acaia Weights, we recommend F2 class standard calibration weights.

#### Care and Cleaning

- Use a soft cloth with warm water only to clean the product.
- Do not use detergent or other chemicals for cleaning and soaking as it can damage the anodized coating on the product.



# **Brew-by-Weight**

#### **Connecting with the Linea Mini**

To learn more about connecting your La Marzocco Brew-by-Weight scale, please follow the link: <u>https://support-iot.lamarzocco.com/brew-by-weight/</u>

## **Flow-Rate Indicator**

		1.0 					
••	• • • • •	• • • • •	• • • • •	• • • 0 0	0 0 0 0 0	0 0 0 0 0	o <b>o o o o</b> Unit: a/s

The Flow-Rate Indicator is an LED bar on the top of the display. It helps you visualize your espresso flow-rate in real time and spot channeling during brewing. The indicator measures flow-rate with lit LEDs starting from 0.1 g per second on the left to 3.4 g per second on the right. When the flow-rate exceeds 5.0 g per second, the last three LEDs will light up with enhanced brightness, indicating a high flow-rate. During an espresso brew, the Flow-Rate Indicator will display the highest peak flow-rate of this brew with a single bright LED.

The Flow-Rate Indicator can be activated in all modes. You can turn the indicator on or off in the advanced settings menu.

0.1	0.5	1.0	1.5	2.0	2.5	3.0	4.0
					I		
0 0	0 0 • 0 0	0 0 • 0 0 0	0 0 0 0 0	000000	0 0 • 0 0	0 0 • 0 0	0 0 • 0 0

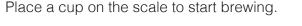
You can also enable markings on the Flow-Rate Indicator for easier reading of the flow-rate value. Each marking indicates an increment of 0.5 g/s for the current flow-rate, and the highest marking is 4.0 g/s.

Note: To enable this function, please see Flow-Rate Indicator in the Configuration section (p.15).

# Brewing with Flow-Rate Indicator



The highest peak & Real flow-rate 🗸



During an espresso brew, the Flow-Rate Indicator will display the highest peak flow-rate of this brew with a single bright LED.

The highest peak flow-rate LED will stay on the display during an espresso brew.



200



When brewing is completed, the highest peak flow-rate LED will stay on the display.

t The highest peak flow-rate C:25 4000 : Average flow-rate ↓ The highest peak flow-rate FLO ↓ I to highest peak flow-rate

When brewing is completed and the cup is removed from the scale, the display will flash to show the final beverage weight and the average flow-rate of the brewing. The Flow-Rate Indicator will show the average flow-rate with a stripe LED and the highest peak flow-rate with a single bright LED.

# Tare Save

If you have a frequently used container in your weighing workflow, you can save the weight of the container using the Tare Save function. This will allow you to weigh the container with contents, then trigger Tare Save to deduct the container weight and obtain the net weight. The Tare Save function can be activated in Weighing mode and Dual Display Mode.

#### Save Container Weight



Place a container on the scale.



2 Press and hold Tare button for 2 seconds when reading is stable. The weight is stored as a preset container weight.

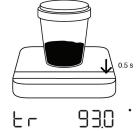


3 You may continue using your scale.

#### Tare Container Weight Using Tare Save



**1** Place a container along with its contents on the scale.



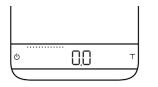
2 Press and hold Tare button for 0.5 second. The scale will display the weight to be deducted.



- 3 The net weight is displayed on the scale.
- To save a new container weight, place the desired container on the scale, then press and hold Tare button for 2 seconds. This will register a new preset container weight.
- It is only allowed to tare container weight once, if you press and hold Tare button for 0.5 second again, the scale will display [ CUP ] and the preset container weight, but the cointainer weight will not be tared again.

Action	Operation	
Save Container Weight	Press and hold Tare button for 2 seconds	
Subtract Container Weight	Press and hold Tare button for 0.5 second	

### Mode 1 - Weighing Mode



In the Weighing Mode, the scale will only display weight, in either grams or ounces.

- There are two different weighing units in Weighing Mode: gram and ounce.
- In grams, the LED display shows [0.0].
- In ounces, the LED display shows [0.000] and the Weighing In Ounces Indicator on the bottom left lights up.
- The readability is 0.1 g or 0.002 oz. For high resolution mode, the readability is 0.01 g or 0.0005 oz.
- The Tare Save function is supported in this mode.

Action	Operation		
Tare Weight	Tap Tare button		
Switch Mode	Press and hold Power button		

Note :

To change the weighing unit to either gram or ounce, please see Default Unit Setting in the Configuration section (p. 15).

#### Mode 2 - Dual Display Mode

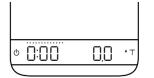


In the Dual Display Mode, the scale displays [0:00 0.0] with a timer (left) and weight (right).

- There are two different weighing units in Dual Display Mode: gram and ounce.
- In grams, the LED display shows [0:00 0.0].
- In ounces, the LED display shows [0:00 0.000].
- The timer displays from [0:00] to [9:59] and then stops.
- The Tare Save function is supported in this mode.

Action	Operation	
Start/Stop/Reset Timer	Tap Power button	
Tare Weight	Tap Tare button	
Switch Mode	Press and hold Power button	

#### Mode 3 - Timer Starts with Flow Mode 🌢 - Droplet



When the scale detects the flow of espresso, the timer starts. The timer will stop when the flow stops.

\*Please note: The flow detection mode is designed to detect the slow trickle of a shot of espresso. The timer may not trigger when attempting to pour from a kettle.

#### Display

- In grams, the LED display shows [0:00 0.0].
- In ounces, the LED display shows [0:00 0.000].

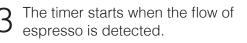
#### **Mode Description**

- The timer starts when the flow of espresso is detected.
- When the espresso flow stops, the timer stops.



1 The droplet icon indicates that you are in Timer Starts with Flow Mode.







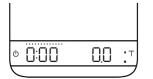
2 Place a cup on the scale and tare the weight manually.



4 The timer will stop automatically when the espresso flow stops or the cup is removed.

Action	Operation
Start Timer         The timer will start when the flow is detected	
Tare Weight	Tap Tare button
Stop Timer	The timer will stop when flow is no longer detected
Reset Mode	Double tap Tare button
Switch Mode	Press and hold Power button

# Mode 4 - Auto-Tare Timer Starts with Flow Mode ▲ ■ - Droplet and Square



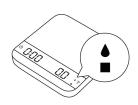
This mode is designed for baristas who would like to measure the time of the shot starting from the first few drops of espresso. When the weight reading is stable, the scale will perform the auto-tare operation. After the scale detects the espresso flow, the timer starts automatically. The timer will stop automatically when the espresso flow stops.

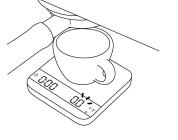
#### Display

- In grams, the LED display shows [ 0:00 0.0 ].
- In ounces, the LED display shows [0:00 0.000].
- The timer displays from [0:00] to [9:59] and then stops.

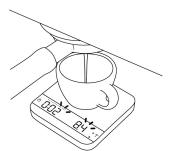
#### **Mode Description**

- The auto-tare function operates when a stable weight is placed on the scale.
- The timer will start automatically when the flow of espresso is detected.





1 The droplet and square icon indicate that you are in Auto-Tare Timer Starts with Flow Mode.



3 The timer starts when the flow of espresso is detected.

2 Place a cup on the scale, and it will perform auto-tare.



4 The timer will stop automatically when the espresso flow stops or the cup is removed.

Action	Operation
Start Timer	The timer will start when the flow is detected
Tare Weight	Tare function starts when a stable weight is placed on the scale
Stop Timer	The timer will stop when flow is no longer detected
Reset Mode	Double tap Tare button
Switch Mode	Press and hold Power button

# Mode 5 - Auto-Tare Auto-Start Timer Mode ▲ ■ - Triangle and Square



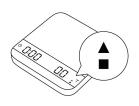
This mode is for baristas to measure the total time of a shot including the pre-infusion time. After a cup is placed on the scale and the weight reading is stable, the scale performs auto-tare and starts the timer.

#### Display

- In grams, the LED display shows [0:00 0.0].
- In ounces, the LED display shows [ 0:00 0.000 ].
- The timer displays from [0:00] to [9:59] and then stops.

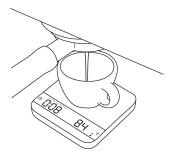
#### **Mode Description**

- The scale performs auto-tare once a stable weight is detected, then the timer starts.
- The timer stops when the espresso flow stops.





1 The triangle and square icon indicate that you are in Auto-Tare Auto-Start Timer Mode.



3 Scale will measure the total time of a shot including the pre-infusion time.

 $2\,$  Place a cup on the scale. The scale will perform auto-tare and start the timer.



4 The timer will stop automatically when the espresso flow stops or the cup is removed.

Action	Operation		
Start Timer	The timer will start when a stable weight is placed on the scale		
Tare Weight	Tare function starts when a stable weight is placed on the scale		
Stop Timer	The timer will stop when flow is no longer detected		
Reset Mode	Double tap Tare button		
Switch Mode	Press and hold Power button		

#### Mode 6 - Auto-Tare Mode - Square



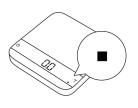
In this mode, the scale will only perform auto-tare. Put the cup on the scale and auto-tare will be performed. Pull the shot of espresso as you normally would. When the cup is removed from the scale, the espresso brewing summary will be displayed.

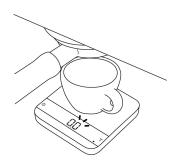
#### Display

- The LED display shows [0.0] with the weight in grams.
- The LED display shows [0.000] with the weight in ounces.

#### **Mode Description**

• The scale performs auto-tare once a stable weight is detected.



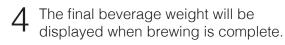


The square icon indicates that you are in Auto-Tare Mode.



Start brewing.

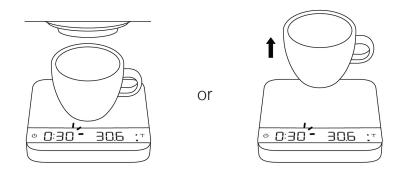
Place a cup on the scale for auto-tare.



Action	Operation
Tare Weight	Tare function is performed when a stable weight is placed on the scale
Reset Mode	Double tap Tare button
Switch Mode	Press and hold Power button

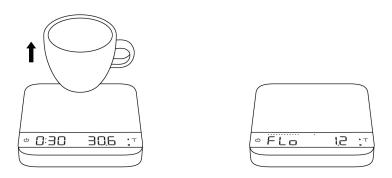
### **Timer Auto Stop**

In all three Auto-Start Modes (  $\blacklozenge$  ,  $\blacklozenge \blacksquare$  ,  $\blacktriangle \blacksquare$  ), the timer will stop when the espresso flow stops or when the cup is removed from the scale.



#### **Espresso Brewing Summary**

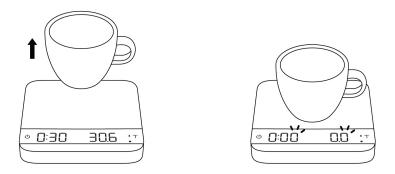
In all Auto Modes (including Auto-Tare Mode), when brewing is complete and the cup is removed from the scale, the display will flash to show the final beverage weight and the average flow rate of the brewing.



#### Auto-Reset

If the scale remains idle for 30 seconds, it will reset the timer and perform the tare operation. This feature is ideal for streamlining bar workflow. The scale automatically resets after the cup has been removed, eliminating the need for pressing buttons.

Note: To change this reset time, please see Auto-Reset Setting in the Configuration section (p. 15).



# Configuration

### **Enter Settings**

- 1. With the Brew-by-Weight Scale powered off, press and hold the Power button. When the LED display shows [ ACAIA ] and then changes to [ SEt ], release the Power button.
- 2. Tap the Tare button to enter Settings. The first setting is [ SLEEP ].
- 3. Please refer to the following table for key operations.

Action	Operation	
Next Setting	Tap Tare button	
Enter Setting	Press and hold Tare button	
Toggle Options	Tap Tare button	
Save Option	Press and hold Tare button	
Back to Menu Without Saving	Tap Power button	
Exit Settings and Return to Modes	Tap Power button	

### Settings Menu

Settings	Display	Sub-Menu Options	Default
Sleep Timer Setting	SLEEP	5, 10, 20, 30, 60, Off	5
Brightness Setting	bright	1, 2, 3, 4	2
Battery Saving Setting	bAttSavE	30, 90, 180, Off	90
Default Weighing Unit Setting	Unit	Gram, Ounce	Gram
Key Sound Setting	bEEP	On, Off	On
Weighing Mode Setting	NOdE_1	On, Off	On
Dual Display Mode Setting	NOdE_2	On, Off	On
Timer Starts with Flow Mode Setting	NOdE_3	On, Off	On
Auto-Tare Timer Starts with Flow Mode Setting	NOdE_4	On, Off	On
Auto-Tare Auto-Start Timer Mode Setting	NOdE_5	On, Off	On
Auto-Tare Mode Setting	NOdE_6	On, Off	On
Flow-Rate Indicator Setting	FLorAtE. d	Default, Grad, Off	Default
Average Flow-Rate Setting	Avg. FLo	On, Off	On
Weight Stable Indicator Setting	StAbLE. d	On, Off	Off
Auto-Reset Setting	Auto_rES	Off, 10, 30	30
Pre-infusion Time Out Setting	PrE_inFu	10, 30, 60, 120	60
Auto-Start Sensitivity Setting	SEnSE	0.1, 0.2, Off	Off
Weighing Resolution Setting	rESoL	Default, High	Default
Weighing Filter Setting	FiLtEr	Fast, Normal, High	Fast
Zero Tracking Setting	trAcE	0.5 d, 1 d, 2 d, 3 d, Off	1 d
Zero Range Setting	0. rAnGE	2., 100.	100
Bluetooth Setup Setting	bt _SEt	On, Off	On
Reset to Default Setting	rESE t. d	No, Yes	No

### Sleep Timer Setting [SLEEP]

- 1. Sleep Timer setting can also be configured in the Acaia apps.
- 2. The number indicates the amount of time before the scale automatically powers off. For example, when 10 is selected, the scale powers off after 10 minutes of being idle if the scale is disconnected from all mobile devices.

### Brightness Setting [ bright ]

- 1. The default setting is 2.
- 2. You can adjust the brightness of the LED display. Set to 4 when operating under strong light, such as when outdoors.

### Battery Saving Setting [ bAttSAvE ]

- 1. Save up to 20% of your battery by dimming the display after some time. It will return to its original brightness when the scale detects objects on it.
- 2. The number indicates the amount of time in seconds before the scale enters battery saving mode.
- 3. Tap the Tare button to toggle through the options.

### Default Unit Setting [ Unit ]

The Default Weighing Unit is set to grams if [9] is selected and ounce if [02] is selected.

### Key Sound Setting [bEEP]

- 1. Key Sound setting can also be configured in the Acaia apps.
- 2. Set the Key Sound function to on/off to enable/disable the beeping sound.

### Weighing Mode Setting [ NoDE\_1 ]

The default setting is On.

- On: Mode enabled.
- Off: Mode disabled.

#### Dual Display Mode Setting [ NodE\_2 ]

The default setting is On.

- On: Mode enabled.
- Off: Mode disabled.

#### Timer Starts with Flow Mode Setting [NodE\_3]

The default setting is On.

- On: Mode enabled.
- Off: Mode disabled.

#### Auto-Tare Timer Starts with Flow Mode ▲ ■ Setting [NodE\_4]

The default setting is On.

- On: Mode enabled.
- Off: Mode disabled.

#### Auto-Tare Auto-Start Timer Mode ▲ ■ Setting [NodE\_5]

The default setting is On.

- On: Mode enabled.
- Off: Mode disabled.

### Auto-Tare Mode Setting [NodE\_6]

The default setting is On.

- On: Mode enabled.
- Off: Mode disabled.

### Flow-Rate Indicator Setting [FLorAtE.d]

- 1. This is automatically set to Default.
- 2. Default: Flow-Rate Indicator enabled. The Flow-Rate Indicator on the top of the display turns on and visualizes your espresso flow-rate in real time.
- 3. Grad: Flow-Rate Indicator and Flow-Rate Markers enabled. The markers will turn on when brewing. Every marker represents a 0.5g/s increment in flow-rate.
- 4. Off: Flow-Rate Indicator disabled.

### Average Flow-Rate Setting [ Avg.FLo ]

- 1. The default setting is On.
- 2. On: Average Flow-Rate enabled. When brewing is complete and the cup is removed from the scale, the display will show the espresso summary with the beverage weight and the average flow-rate of brewing.
- 3. Off: Average Flow-Rate disabled. When brewing is complete and the cup is removed, the display will show the espresso summary with the beverage weight and the current weight.

### Weight Stable Indicator Setting [StAbLE.d]

- 1. The default setting is Off.
- 2. On: Weight Stable Indicator enabled. The Weight Stable Indicator on the bottom left of the display lights up when the weight is stable.
- 3. Off: Weight Stable Indicator disabled.

#### Auto-Reset Setting [ Auto\_rES ]

- 1. After a cup is removed, the timer and weight will automatically reset. This setting gives you options on how long to wait for the reset. It enables the user to pull successive shots of espresso quickly in the three Auto-Start modes.
- 2. The number indicates the timeout value in seconds of timer reset after a cup is removed.

### Pre-Infusion Time Out Setting [ PrE\_inFu ]

- 1. Determines when the scale times out in Auto-Start ▲ mode and two Auto-Start ▲ modes when the timer is manually started. This is most useful for long pre-infusion times and resolves the timeout issue that sometimes happens for slower pre-infusions.
- 2. The number indicates the time in seconds it will take for the scale to reset if no espresso flow or weight is detected.

#### Auto-Start Sensitivity Setting [ SEnSE ]

- Minimum weight is decreased for more sensitivity. This is ideal for slower espresso shots in the modes. Stability depends on environmental noise.
- 2. The number indicates the sensitivity of flow detection in the **b** modes. A smaller value indicates higher sensitivity, but is recommended only for stable working environments.

### Weighing Resolution Setting [ rESoL ]

- 1. The Weighing Resolution is automatically set to [dEFAUL]: the division is 0.1 g/0.002 oz.
- 2. Tap the Tare button to switch the Weighing Resolution between [dEFAUL] and [hiGh].
- 3. When the Weighing Resolution is set to high, the division will be 0.01 g/0.0005 oz. The default display will show [ 0.00 ] when the scale is set to grams, and [ 0.0000 ] for ounces in Weighing Mode.

Note: After setting Weighing Resolution to high, the default display will show [0:00 0.00] with timer in Dual Display Mode and Auto Start Modes.

### Weighing Filter Setting [FiLtEr]

- 1. The Weighing Filter Setting determines the speed at which the load receptor responds to weight and determines the weighing value. The larger the number, the more stable but slower the weighing result will be. The number shown on the LED display indicates the current filter setting.
- 2. Press the Tare button to change the parameter.

### Zero Tracking Setting [ trAcE ]

- 1. Zero Tracking is a function for automatically maintaining the zero indication within certain limits.
- 2. Off: It is not recommended to turn off Zero Tracking because the zero indication can drift easily as the room temperature changes.
- 3. 0.5 d~3 d: For example, for standard resolution each division is 0.1 g, 3 d = 0.3 g. When Zero Tracking is set to be 3 d, any initial weight between  $\pm$  0.3 g on the weighing pan will be zeroed out gradually.
- 4. 2 d is recommended in general for the La Marzocco Brew-by-Weight Scale.

### Zero Range Setting [ 0.rAnGE ]

- 1. The Zero Range Setting determines the range for which the Tare button executes zero operation instead of tare operation.
- 2. When Zero Range is set to 2, the range for zero-setting will be 2% of the capacity, i.e., ± 40 g for La Marzocco Brew-by-Weight Scale. By pressing the Tare button, any weight within ± 40 g is zeroed out by zero operation

while any weight that lies outside the range is tared out by tare operation.

3. If Zero Range is set to 100, the range for zero-setting will be 100% of the capacity, i.e., ± 2 kg for La Marzocco Brew-by-Weight Scale. Therefore, instead of tare operation, zero operation would be executed in this setting whenever the Tare button is pressed.

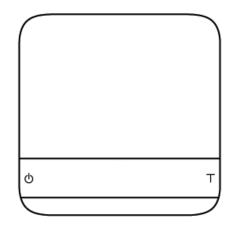
Notice: The difference between zero operation and tare operation is that zero operation would simply ignore the weight and display as 0 while tare operation would deduct the weight from the weighing result. However, zero operation does not increase the scale capacity.

### Bluetooth Setup Setting [ bt\_SEt ]

- 1. Off: Bluetooth disabled. The scale does not allow any Bluetooth connection.
- 2. On: Bluetooth enabled. The scale allows Bluetooth connection. The user may connect the scale with Acaia apps.

### Reset to Default Setting [ rESEt.d ]

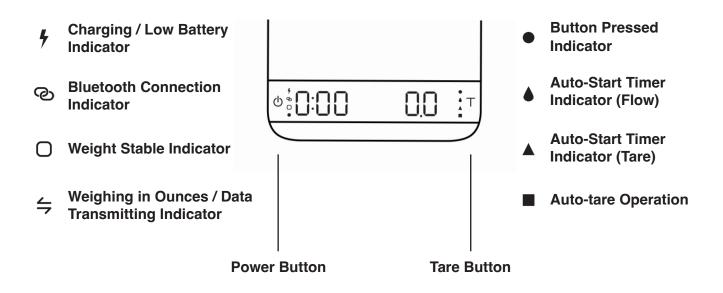
Select [YES] to reset all settings to default value.



#### **Buttons**

	Function	Example
Dower Button	Turn On	Press and hold for 0.5 seconds to turn on the scale.
	Turn Off	Double-tap to turn off the scale.
	Switch Mode	While the scale is turned on, press and hold for one second to switch modes.
	Start / Stop / Reset Timer	Tap to start/stop/reset timer.
	Back	While in Settings Menu, tap to go back to Modes.
T Tare Button	Tare	Tap to tare weight.
	Tare and Reset Timer	While in Auto-Start Modes, double tap to zero weight and reset timer.
	Save / Subtract	Press and hold for 2 seconds to save the container weight. Press and hold for 0.5 second to subtract the saved container weight.
	Switch Option	While in Settings, tap to scroll through sub-menus. While in sub-menus, tap to toggle options.
	Confirm	While in Settings, press and hold for two seconds to confirm the option selected in a sub-menu.
	Enter Calibration Mode	While in Weighing Mode, rapidly tap to enter Calibration Mode.

#### **LED Indicators**



#### Charging / Low Battery Indicator

This indicator turns on when the battery is charging and turns off once the battery is fully charged. The indicator starts flashing when the battery power is low as a reminder to charge the scale.

\* Note: The La Marzocco Brew-by-Weight Scale is equipped with charging protection to prevent the battery from charging under high temperatures. It is normal if the scale does not charge when the surface is hot from brewing coffee. Battery charging function will be enabled once the scale has cooled.

#### Bluetooth Connection Indicator

This indicator turns on when the scale is connected to Acaia Apps.

#### Weight Stable Indicator

This indicator turns on when the weight is stable.

Weighing in Ounces / Data Transmitting Indicator This indicator turns on when the weighing unit is in ounces. The indicator also lights up during software update to indicate data transfer.

#### Button Pressed Indicator

This indicator turns on when a button is pressed.

#### Auto-Start Timer with Flow Indicator

When the scale detects the flow of espresso, the timer starts. The timer will stop when the flow stops.

\*Please note: The flow detection mode is designed to detect the flow of espresso. The timer may not trigger when attempting to pour from a kettle.

#### Auto-Start Timer with Tare Indicator

The scale performs auto-tare and simultaneously starts the timer when a stable weight is placed on the weighing pan.

#### Auto-Tare Indicator

The scale performs auto-tare when a stable weight is placed on the weighing pan.

#### **Error Codes**

Error Code	Description	
100	Access Code Error, unrecognized access code.	
101	EEPROM error, unable to access memory. Please contact Acaia support.	
102	AD error, unable to access weighing signal. Please contact Acaia support.	
303	Unable to find acceptable starting Zero point, most likely due to loadcell damage caused by excessive force or drop. Please contact Acaia support.	
	Over load: the weight is over the maximum capacity.	
	Under load: the weight is under the minimum capacity.	
304	Calibration error. Calibration cannot proceed when environmental noises are too strong. Please calibrate in a stable environment free of wind, vibration, etc.	
904	Password error (the default password is 0000).	
_H2O	Water in the Power button.	
H2O_	Water in the Tare button.	
_H2O_	Water in the Power button and Tare button.	

#### Other

Display Code	Description	
	The scale is in update mode. Note: If you want to leave update mode, please connect the scale's USB to a power source.	

# **Specifications**

Model	AL011
Product Weight	265 g ± 5 g
Product Dimensions	W: 105 mm L: 105 mm H: 15 mm
Maximum Capacity	2000 g / 70.55 oz
Minimum Weight	0.1 g
Measuring Units	gram, ounce
Readability	0.1 g / 0.01 g
Repeatability	0.1 g
Linearity	1 d (d = 0.1 g)
Indication Limit	2060 g / 72.66 oz
Power Supply	5 V / 500 mA
Battery	Lithium-ion rechargeable 3.7 V 1100 mAh
Battery Life	30-40 hours
Display	8-digit LED
Material	Aluminum, Acrylic
Surface	Anodized aluminum coating (Black)
Connectivity	Bluetooth 5.0
Inside the Package	La Marzocco Brew-by-Weight Scale x 1 Heat Resistant Pad x 1 Non-slip Protective Strip x 2 Friction-reduction Protective Strip x 2 USB Type-C Charger Cable x 1 Acaia Calibration Weight 100 g x 1

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