Terra Kaffe

# Welcome to your Aero

English

# Welcome to the future of the café at home.

Thank you for your purchase of Aero, the next step in elevating your coffee routine.

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# Safe Handling of Aero

## IMPORTANT SAFEGUARDS

This product complies with all North American Safety Requirements.

READ ALL INSTRUCTIONS BEFORE USE.

When using electrical appliances, basic safety precautions should always be followed including the following:

### Electrical Safety

Read All Instructions.

- Aero must be connected to a properly grounded (earthed) 120 V~ 60 Hz outlet in accordance with all local electrical codes.
- Use only with the power base provided. Do not attempt to operate the Aero pitcher with any other base, power source or accessory attachments not recommended by the manufacturer.
- Avoid spillage on the power cord.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock or injury to persons.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect Aero, turn any control to ˝off˛, then remove plug from wall outlet.
- To protect against electrical shock do not immerse the base, power cord, or plug in water or other liquids.

- Do not operate Aero with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Never operate Aero if it has been dropped, damaged, or shows signs of malfunction.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Disconnect by grasping the plug, not the cord.
- Avoid spillage on the electrical connector.
- Ensure the underside of the pitcher and the base connector are completely dry before placing the pitcher on the base.
- Extension Cord:
  a) A short power-supply cord is provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord.
  b) Extension cords are available and may be used if care is exercised in their use.
  c) The marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance;
  d) The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally;
  e) The appliance is of the grounded type, the extension cord should be a grounding -type 3- wire cord
- Do not pull the cable over sharp edges, clamp it or allow it to hang loose. Keep the cable away from heat and moisture.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not insert any objects and/or fingers in Aero openings.

## Fire and Heat Safety

- Do not place Aero on or near hot gas or electric burners, in a heated oven, or on other hot surfaces.
- Do not operate Aero on uneven or unstable surfaces.
- Do not place Aero inside a cabinet while in operation.
- Heating element surfaces may retain residual heat after use.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts..
- Place the lid on the pitcher prior to starting the cycle. When the lights stop blinking, the cycle is complete. It is recommended to remove the lid for pouring once the cycle is complete.
- Do not touch hot surfaces. Use handles or knobs only.
- Extreme caution must be used when moving Aero containing hot oil or other hot liquids.
- Never touch rotating or moving parts during operation. Risk of injury.
- Do not operate Aero without liquid in the pitcher.
- Do not exceed the maximum fill levels marked inside the pitcher. Overfilling may cause overflow or scalding.
- Do not leave Aero unattended while in operation.
- Turn Aero OFF when not in use.
- Appliance to be used only in conjunction with the basic unit provided.
- Be careful to avoid spillage on the connector.
- Scalding may occur if the lid is removed during the brewing cycles.

## Children and Persons at Risk

- Close supervision is necessary when Aero is used by or near children.
- Keep Aero and its cord out of reach of children.
- Aero can be used by people with reduced physical, sensory or mental capabilities or lack of experience, only if they have been supervised and given instruction concerning the safe use of Aero and understand the hazards involved.
- Children must not play with Aero.

## Intended Use

- Do not use Aero for other than intended use.
- Aero is intended for household use only.
- Do not use outdoors or for commercial or industrial purposes.
- Use Aero only for heating and frothing milk or compatible plant-based beverages and making matcha as described in this manual.
- Do not insert objects or fingers into openings.
- Do not modify Aero or attempt repairs yourself.

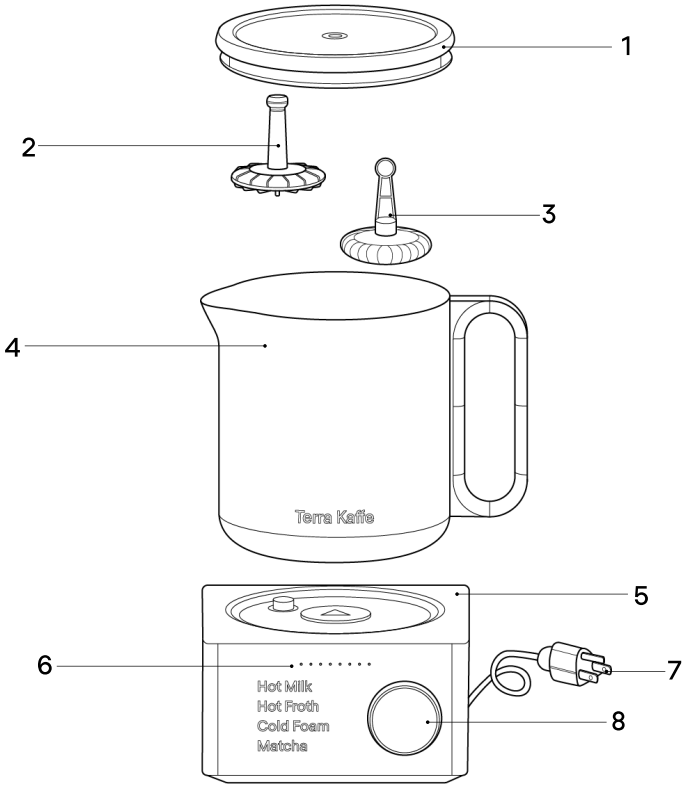
## SAVE THESE INSTRUCTIONS

# Know Your Aero

1. Lid: Glass lid and a silicone seal with a peek into Aero inner workings
2. Matcha Whisk: This green colored whisk is dedicated for the Matcha function. This whisk can also be used for other powder based beverages.
3. Milk Whisk: This whisk is dedicated for Hot Milk and Milk Frothing functions
4. Pitcher: Stainless steel pitcher within min/max level markings and a pouring spout
5. Power Base: The control center of Aero providing heat, control, and feedback
6. Progress Bar: Eight LEDs that communicate what Aero is doing
7. Power Cord: Aero must be connected to a properly grounded 120 V~ 60 Hz outlet.
8. Selector Dial: Turn the dial to make selection. Press the center of the dial to choose your selection.

## Before First Use

1. Unpack Aero and remove all packaging materials.
2. Verify that all parts are present and undamaged.
3. Retain all packaging materials and store for later use.
4. Clean the pitcher, lid, seal, whisk(s), and accessories before first use according to the cleaning instructions.


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7
8
Hot Milk
Hot Froth
Cold Foam
Matcha

## Power States

| | |
|---|---|
| Power ON (Home Menu) | Plug in Aero. The display progress bar will illuminate all eight LED lights in order from left to right, then all lights will turn off. Aero will enter the Home Menu defaulting to Hot Milk |
| Power OFF | Ensure no cycles are running. Unplug power cord from outlet. |
| Put to Sleep | Press and hold the selector dial. The display progress bar will illuminate all eight LED lights in order from left to right, then all lights will turn off (each light 0.5 seconds). Aero has entered Sleep state. |
| Auto-Sleep | If there is no interaction with Aero for 60 minutes, the display progress bar will illuminate all eight LED lights in order from left to right, then all lights will turn off (each light 0.5 seconds). Aero has entered Sleep state |
| Wake Up from Sleep | Press selector dial once when Aero is in the Sleep state to wake up and start the machine. The display progress bar will illuminate all eight LED lights in order from left to right, then all lights will turn off (each light 0.5 seconds). Aero will enter the Home Menu defaulting to Hot Milk. It remembers the last used function / temperature / milk foam setting. The operating light remains on all the time. |

## Pitcher Fill Levels

MAX FOAM
- (approx. 200 ml / 6.7 fl oz) for hot or cold milk froth.

MAX MILK
- (approx. 400ml/13.5oz) for heating milk only.

MIN
- Refer to MIN line on inside of the pitcher



Warning:
Milk expands during frothing. Exceeding the MAX FOAM level may result in overflow or scalding.

## Operation Cycle Times

Operating cycle time description: Operating time of Aero is related to the specific environment in which it is operating, milk quantity and initial temperature, and the initial temperature of the machine. Under different conditions operating times may vary.

# Milk Preparation Guidelines

## Milk and Beverage Recommendations

- For optimal froth, use cold whole milk at 5-10 °C/41-50°F.
- Use only freshly opened, refrigerated, heat-treated milk (pasteurized or UHT).
- Milk that has been frozen will not froth properly.
- For best results: Do not use enriched milks, reconstituted powdered milks, or flavored milks.
- Allow Aero to start operation for a few seconds before adding ingredients like syrups or powders.
- Add ingredients in small increments after Aero operation has started. Adding too quickly or too much quantity can cause Aero whisk to dislodge or cause the motor to stop spinning
- Not following recommended usage can result in component failure and void your warranty.
- Soy, almond, oat, or other plant-based beverages may be used. These may contain allergens and should be handled with care.
- Froth volume will vary based on the type of milk and starting temperature.
- For best results, remove lid prior to pouring.

# Operating Instructions

1. Clean the pitcher, lid, seal, whisk(s), and accessories before first use according to the cleaning instructions.
2. Ensure Aero is correctly assembled, with the appropriate whisk installed and the pitcher properly seated on the power base.
3. Add beverage to the pitcher before operation begins. Do not operate Aero without liquid in the pitcher and do not exceed the maximum filling capacity, as overflow may occur.
4. Plug Aero into a properly grounded electrical outlet. Aero enters the Home Menu and is ready for operation.
5. Select the desired function (Hot Milk, Hot Froth, Cold Froth, or Matcha) using the selector dial.
6. If available, adjust the temperature or froth settings before starting the operation. See instructions for adjusting temperature and froth on pages 17 and 18 of this manual.
7. Press the selector dial to start operation. Aero begins heating or frothing according to the selected function.
8. Aero must remain attended during operation.
9. During operation, do not touch hot surfaces or rotating parts.
10. When the operation is complete, Aero indicates completion and stops automatically.
11. Turn Aero off and unplug it from the electrical outlet before removing the pitcher.
12. Allow Aero to cool before handling, cleaning, or changing accessories.

# Aero UI

## Device Functions

1. **Hot Milk:** This function heats but does not froth milk
2. **Hot Froth:** This function heats and froths milk to varying levels
3. **Cold Froth:** The function froths but does not heat milk
4. **Matcha:** This function is designed to make hot matcha tea.

## Drink Selection & Display

### Select Drink

- From the Home Menu, turn the selector dial to select the drink.
- Turn clockwise to move down.
- Turn counterclockwise to move up.

### Start Operation

- After selecting your drink, press the selector dial once to start the selected drink.
- If sound is ON, the press is accompanied by an audible beep sound.

### Display While Operating

While any drink is operating, the drink selected will remain illuminated. The progress bar will show progress of the drink from left to right. The leading light (furthest left) will start to blink, indicating operation has begun. As progress continues, the next light will start blinking and the previous light will remain illuminated. This display pattern will continue until the drink is finished.

At completion of operation the selected drink and progress bar will flash twice and, if sound is ON, there will be an audible beep (two seconds on / one second off). The full progress bar and brewed drink will remain illuminated until the dial is rotated or pressed, or auto-sleep occurs.

Rotating or pressing the dial will return Aero to the Home Menu state.

- Hot Milk: Progress bar proceeds according to the temperature of the liquid.
- Hot Froth: Progress bar proceeds according to the temperature of the liquid.
- Cold Froth: Progress bar proceeds according to the froth setting of the drink.
- Matcha: Progress bar proceeds according to the temperature of the liquid

### Cancel Drink in Progress

During the operating process, press and hold the selector dial for 2 seconds to stop operation and return to the Home Menu. If sound is ON, a beep will be audible.

# Drink Settings

## Navigate Drink Settings

1. Rotate selector dial to choose which drink to change settings.
2. Double click the selector dial (press twice within 0.7 seconds) to enter the selected drink's settings menu.
    a. The selected drink flashes continuously (0.5 seconds on / 0.5 seconds off) while in the Drink Setting menu.
    b. The selected drink's current setting will be indicated by the quantity of LEDs illuminated.
3. For drink types with adjustable temperature, rotate the selector dial to increase or decrease temperature.
    a. More LEDs for higher temperature, fewer LEDs for lower temperature.
4. Press selector dial once to lock in the setting and then advance to the next drink setting or Home Menu.
5. For drinks with adjustable froth level, rotate the selector dial to increase or decrease froth.
    a. More LEDs for more froth, fewer LEDs for less froth.
6. Press selector dial once to lock in setting and Aero will return to the Home Menu.
7. If there is no action for 60 seconds, the setting will be confirmed and Aero will return to the Home Menu.

## Adjustable Drink Settings

| Temperature Settings | | Froth Settings | |
|---|---|---|---|
| Progress Bar LEDs 1-4 correspond to Temperature level | | Progress Bar LEDs 5-8 correspond to Froth level | |
| Low | 1 LED | Low | 1 LED |
| Medium | 2 LEDs | Medium | 2 LEDs |
| High | 3 LEDs | High | 3 LEDs |
| Max | 4 LEDs | Max | 4 LEDs |

## Aero Default Settings

| Drink | Temperature | Froth Level |
|---|---|---|
| Hot Milk | Medium | N/A |
| Hot Froth | Medium | High |
| Cold Foam | N/A | High |
| Matcha | High | N/A |

# Machine Settings

## Sound Setting

1. While Aero is in the sleep state press and hold selector dial for 4 seconds.
2. Rotate the selector dial to select setting.
    a. For sound on, the first four LEDs on the progress bar light are illuminated.
    b. For sound off, the last four LEDs in the progress bar are illuminated.
3. Press selector once to lock in selection. (If sound ON is chosen one beep will be audible when the selection is locked in.)
    a. If no action is taken from this menu for 60 seconds Aero will automatically return to the Home Menu
4. Aero will return to the Home Menu.

# Cleaning and Maintenance

CAUTION: Unplug and allow Aero to cool before cleaning.

- Remove the pitcher from the base before cleaning.
- Clean the pitcher, lid, and whisk after each use.
- Dishwasher-safe components (all parts except the power base) may be washed at temperatures up to 70°C (158°F).
- Alternatively, wash removable parts by hand using mild detergent and warm water.
- Do not use abrasive cleaners, brushes, or sharp objects.
- Never immerse the base in water. Clean with a damp cloth only.
- Dry all parts thoroughly before reassembly and next use.

# Alerts & Safety Features

## Alerts

1. In all cases when an alert is detected all eight lights will blink three times and sound will beep three times if sound is ON.
2. The progress bar will flash one of the eight LEDs indicating the alert type.
3. The associated alert LED will continue to flash until the selector dial is rotated or pressed, or Aero goes into sleep state.
4. In all cases the thermoblock and motor turns off.

## Sound

1. One beep indicates the start of a drink.
2. Two long beeps indicate the completion of a drink.
3. Three beeps indicate an alert.
4. Four beeps indicate factory reset.

## Factory Reset

(Reset all drinks to default drink settings)

1. Before plugging Aero in, press and continue to hold the selector dial for two seconds after plugging in the power cord.
   a. If sound is ON there will be 4 beeps.
   b. All drink names will blink 4 times.
2. Aero will proceed to Home Menu.

## Alerts & Safety Features

| Alert Display | Reason | Solution |
|---|---|---|
| LED 1 | Pitcher:<br>Operation is in progress and the pitcher is removed from the base, no liquid is in pitcher or liquid is below the MIN level. | Place pitcher back on Aero and restart the operation |
| LEDs 1-2 | Overheat:<br>Overheating is detected or the temperature drops | Unplug Aero and allow to cool down for fifteen minutes |
| LEDs 1-3 | Missing Pitcher:<br>The motor is blocked from rotating or power is cut to the motor. Added powder or syrup is too heavy | Ensure whisk is properly installed: Re-install whisk so it is properly attached. You should be able to turn the whisk freely with your finger.<br>Ensure any added powders or syrups are not above the recommended quantity. |
| LEDs 1-4 | Continuous Heating:<br>The machine cannot sustain continuous heating four times in a row. | This alert will reset when the temperature sensor is below 40 degrees, a cold foam drink is brewed, the machine has been idle for 30 minutes. |

| Alert Display | Reason | Solution |
| --- | --- | --- |
| LEDs 1-5 | Missing Pitcher:<br>When Aero has sustained continuous operation for fifteen minutes, the unit will be forced to stop to protect the motor. | Stop operation and allow Aero to rest for fifteen minutes |
| LEDs 1-6 | Internal High Temperature Thermal Fuse | This fuse protects Aero and the consumer in case of a major fault. Aero will automatically power OFF and not reactivate. Immediately cease use and unplug from outlet<br>Contact Terra Kaffe contact@terrakaffe.com for further instructions |
| LEDs 1-7 | External Low Temperature Thermal Fuse | This fuse protects Aero and the consumer in case of a major fault. Aero will automatically power OFF and not reactivate. Immediately cease use and unplug from outlet<br>Contact Terra Kaffe contact@terrakaffe.com for further instructions |

# Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Aero not powering on | • Pitcher is not properly positioned on power base<br>• Power cord is not properly connected to outlet<br>• GFCI has been tripped | • Ensure pitcher is correctly positioned on the power base<br>• Unplug and re-plug in power cord<br>• Reactivate GFCI outlet<br>• Try another outlet |
| Operation not starting | • Pitcher is not properly positioned on power base<br>• Pitcher is empty<br>• Selector Dial button was not pushed | • Ensure pitcher is correctly positioned on the power base<br>• Make sure the pitcher has liquid at least up to the MIN level marking<br>• Push Aero selector dial button to start operation. An audible beep and progress bar lights will accompany commencement of operation |

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Milk is not foaming | • Milk is too warm or hot | • Use cold, fresh milk<br>• Do not re-foam heated milk<br>• Reduce milk quantity in pitcher<br>• Try a different milk<br>• Reduce amount of added flavors like syrup or powder |
| Milk is too hot/ too cold | | • Adjust temperature settings to your liking<br>• Always fill milk between the the MIN and MAX level markings |
| Whisk is not moving | • Whisk is not properly installed<br>• Whisk dislodged during operation | 1. Cancel operation<br>2. Remove liquid<br>3. Re-install whisk so it is properly attached. You should be able to turn the whisk freely with your finger<br>4. Refill pitcher<br>5. Start operation |
| Milk is overflowing | • Too much milk or liquid | • Reduce milk volume to not exceed the MAX Hot Foam or MAX Hot Milk levels |

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Burnt milk | • Whisk is not properly installed<br>• Milk is not swirling<br>• Leftover milk residue from prior usage | • Ensure whisk is properly installed<br>• Re-install whisk so it is properly attached. You should be able to turn the whisk freely with your finger<br>• Thoroughly clean pitcher and whisk after each operation |

Need troubleshooting help?

Scan this code with your phone's camera,
or visit https://support.terrakaffe.com/

# Technical Specifications

- Power supply: 120 V ~ 60 Hz (regional variations may apply)
- Power consumption: 600 W
- Net weight: approx. 0.85 kg / 1.87 lbs

# Disposal and Environmental Protection

Aero contains recyclable materials. Do not dispose of it with household waste. Deliver it to an appropriate collection point for recycling electrical and electronic equipment.

# Warranty

This product is warranted against defects in materials and workmanship for a 1-year period from the date of purchase, in accordance with local regulations. The warranty does not cover damage caused by misuse, improper maintenance, or normal wear and tear.

For service or warranty claims, contact Terra Kaffe directly at contact@terrakaffe.com.

Need troubleshooting help?

Scan this code with your phone's camera,
or visit https://support.terrakaffe.com/

Intertek
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Designed in New York.