

Ninja CE451

Ninja Fresh Brew Drip Coffee Maker

Model: CE451

IMPORTANT SAFEGUARDS

Please read all instructions before using your Ninja Fresh Brew Drip Coffee Maker to ensure safe and optimal operation. Keep this manual for future reference.

- Always ensure the appliance is unplugged from the outlet before cleaning or when not in use.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Place the appliance on a firm, flat, level surface to avoid spillage.
- Do not touch hot surfaces. Use handles or knobs.
- Close supervision is necessary when any appliance is used by or near children.
- This appliance is for household use only. Do not use outdoors.

PRODUCT OVERVIEW

The Ninja Fresh Brew Drip Coffee Maker (CE451) is designed to deliver hot, flavorful, and never bitter coffee with customizable brew styles and convenient features.

Key Features:

- **2 Brew Styles:** Classic for a smooth, balanced cup; Rich for a bolder, more concentrated brew.
- **14-Cup Glass Carafe:** Brew small or large batches, perfect for daily use or entertaining.
- **Thermal Flavor Extraction Technology:** Ensures balanced, full-flavor coffee at the perfect temperature.
- **Small Batch Functionality:** Brew 1-4 cups with consistent taste.
- **24-Hour Programmable Delay Brew:** Wake up to fresh coffee.
- **Adjustable Warming Plate:** Keeps coffee fresh and flavorful for up to 4 hours.
- **70-oz Removable Water Reservoir:** Easy to remove and refill without mess.
- **Mid-Brew Pause:** Allows you to pour a cup before the brewing cycle is complete.
- **Permanent Filter:** Reusable filter for eco-friendly brewing.
- **Integrated Frother:** For specialty coffee drinks.

Included Components:

- Ninja Fresh Brew Programmable Coffee Maker
- 14-Cup Glass Carafe
- Ninja Smart Scoop (attached to the side of the unit)
- Permanent Filter
- 70-oz Removable Water Reservoir

SETUP

1. **Unpack:** Carefully remove all components from the packaging. Remove any protective film or stickers.
2. **Initial Cleaning:** Wash the carafe, permanent filter, and removable water reservoir in warm, soapy water. Rinse thoroughly and dry. Wipe the exterior of the coffee maker with a soft, damp cloth.
3. **Positioning:** Place the coffee maker on a clean, dry, level surface. Ensure there is adequate clearance above and around the unit for proper ventilation and access to the water reservoir and brew basket.
4. **Fill Water Reservoir:** Remove the 70-oz water reservoir by lifting it straight up. Fill it with fresh, filtered water to the desired level indicated on the side. Replace the reservoir securely onto the base.
5. **Insert Filter:** Place the permanent filter into the brew basket. If using a paper filter (size #4 cone filter), place it inside the permanent filter.
6. **Add Coffee Grounds:** Use the included Ninja Smart Scoop to add your desired amount of coffee grounds to the filter. Refer to the scoop markings for recommended measurements based on brew size and strength.
7. **Plug In:** Plug the power cord into a grounded electrical outlet. The display will illuminate.

OPERATING INSTRUCTIONS

1. Select Brew Size:

Use the dial on the control panel to select your desired brew size. Options typically include:

- Cup (single serving)
- Travel (for travel mugs)
- Multi-Serve (larger single servings)
- Half Carafe
- Full Carafe (14 cups)



Image: The Ninja Fresh Brew coffee maker highlighting the small batch setting for brewing 1-4 cups.

2. Select Brew Style:

Choose your preferred brew style using the buttons below the size dial:

- **Classic:** For a smooth, balanced cup of coffee.
- **Rich:** For a bolder, more intense coffee concentrate.

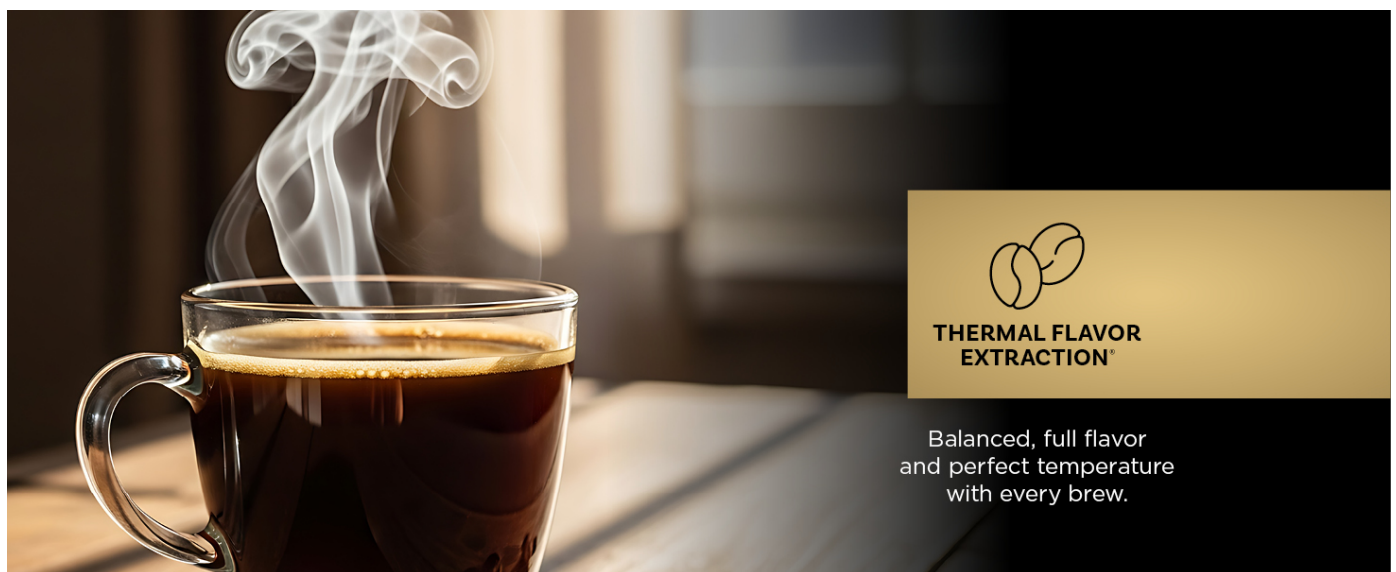


Image: Two cups of coffee, illustrating the difference between Classic and Rich brew styles.

3. Specialty Brews (Frother):

The integrated frother allows you to create frothed milk for lattes, cappuccinos, and other specialty drinks.

1. Swing out the frother arm located on the left side of the unit.
2. Pour cold milk into a mug.
3. Submerge the frother whisk into the milk.
4. Press the frother button on the top of the arm to activate. Froth until desired consistency is reached (approx. 30-60 seconds).
5. Turn off the frother and swing the arm back into its storage position.

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Video: Demonstration of using the integrated frother to prepare frothed milk for a coffee drink.

4. Start Brewing:

Press the **BREW** button to begin the brewing cycle. The coffee maker will automatically dispense the correct amount of water based on your selections.

5. Delay Brew:

To program a delayed brew:

1. Prepare your coffee maker with water and grounds as usual.
2. Press the **DELAY BREW** button.
3. Use the **H** (hour) and **M** (minute) buttons to set the desired start time.
4. The **DELAY BREW** indicator light will illuminate, confirming the setting.



REMOVABLE WATER RESERVOIR

Convenient pull-away
design allows you to
fill the water reservoir
without making a mess.



Image: The Ninja Fresh Brew coffee maker displaying the delay brew function, allowing users to program brewing up to 24 hours in advance.

6. Adjustable Warming Plate:

The warming plate automatically activates after brewing to keep your coffee hot. You can adjust the warming time up to 4 hours using the **KEEP WARM** button.



SMALL BATCH SETTING

Designed to brew smaller
amounts of coffee (up
to 4 cups) equally as
flavorful as the large
format, 14-cup carafe.



Image: The Ninja Fresh Brew coffee maker with its adjustable warming plate, designed to keep coffee hot for up to 4 hours.

MAINTENANCE & CLEANING

Regular cleaning ensures optimal performance and longevity of your coffee maker.

1. Daily Cleaning:

- **Carafe:** Wash the glass carafe and lid in warm, soapy water after each use. It is also dishwasher safe.
- **Permanent Filter & Brew Basket:** Remove the permanent filter and brew basket. Discard used coffee grounds. Wash both components in warm, soapy water. They are also dishwasher safe.
- **Water Reservoir:** The removable water reservoir can be washed in warm, soapy water.
- **Frother Whisk:** The frother whisk detaches for easy hand-cleaning.
- **Exterior:** Wipe the exterior of the coffee maker with a soft, damp cloth.



Image: A woman demonstrating the removal of the 70oz water reservoir for easy refilling and cleaning.

2. Descaling:

Over time, mineral deposits can build up in your coffee maker, affecting performance. The**CLEAN** indicator light will illuminate when descaling is recommended.

1. Pour 16 oz. of white vinegar into the water reservoir, then fill the rest of the reservoir with water to the MAX fill line.
2. Place the empty carafe on the warming plate.
3. Press the **CLEAN** button. The cleaning cycle will begin and typically takes about 20-30 minutes.
4. Once the cycle is complete, discard the cleaning solution from the carafe.
5. Fill the water reservoir with fresh water to the MAX fill line and run a full carafe Classic brew cycle to rinse the system. Repeat if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Coffee not brewing	No water in reservoir; Power cord unplugged; Brew basket not properly inserted.	Fill water reservoir; Ensure power cord is securely plugged in; Reinsert brew basket correctly.
Weak coffee	Not enough coffee grounds; Incorrect brew style selected.	Add more coffee grounds; Select 'Rich' brew style.

Problem	Possible Cause	Solution
Coffee overflows from filter	Too many coffee grounds; Filter clogged; Carafe not on warming plate.	Reduce coffee grounds; Clean permanent filter; Ensure carafe is correctly positioned.
CLEAN light illuminates	Mineral buildup.	Perform a descaling cycle as described in the Maintenance section.

SPECIFICATIONS

- **Brand:** Ninja
- **Model Name:** Ninja FreshBrew
- **Model Number:** CE451
- **Capacity:** 14 Cups (70 oz)
- **Color:** Stainless Steel / Black
- **Product Dimensions:** 11.53"D x 10.39"W x 14.49"H
- **Item Weight:** 7.05 pounds
- **Coffee Input Type:** Ground
- **Operation Mode:** Fully Automatic
- **Special Feature:** Adjustable Brew Strength, Programmable, Removable Water Reservoir, Adjustable Warming Plate

WARRANTY & SUPPORT

Your Ninja Fresh Brew Drip Coffee Maker (CE451) is covered by a limited warranty from the manufacturer. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For customer support, replacement parts, or additional information, please visit the official Ninja website or contact their customer service department.

Online Support: www.ninjakitchen.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question