

Chefnificent KF-JN-01

Chefnificent KF-JN-01 Portable Espresso Machine User Manual

Model: KF-JN-01

1. PRODUCT OVERVIEW

The Chefnificent KF-JN-01 is a versatile portable espresso machine designed for both hot and cold brewing. It operates with a powerful 20-bar pressure system, ensuring optimal extraction for your coffee. Its compact design and rechargeable battery make it ideal for use on the go.

Key Features:

- **Dual Brewing Modes:** Supports both hot and cold coffee extraction.
- **Versatile Compatibility:** Works with ground coffee (8-9g), Original Nespresso capsules (foil side DOWN), and Dolce Gusto capsules (foil side UP).
- **High Pressure:** 20-bar pressure for rich espresso extraction.
- **Portable Design:** Compact dimensions (77.9 x 77.9 x 245.5 mm) with a 7500 mAh rechargeable battery.
- **Capacity:** 60 ml water tank, 120 ml transparent cup capacity.

Components:

The KF-JN-01 machine consists of several parts for flexible brewing options:

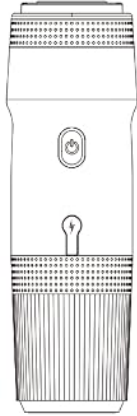
- Main Host Unit (with On/off button and DC Charging port)
- Water Container
- Coffee Powder Holder
- Small Capsule Holder

- Big Capsule Holder
- Transparent Cup
- Anti-slip Mat
- Charging Cable

INSTRUCTION MANUAL

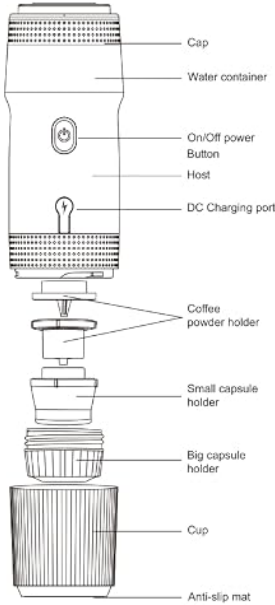
Portable Electric Espresso Machine

KF-JN-01



Caution: Can't Wash Host Part
Please read the instruction manual before first use and keep it if necessary.

Portable Espresso Machine Chart



Cap

Water container

On/Off power Button

Host

DC Charging port

Coffee powder holder

Small capsule holder

Big capsule holder

Cup

Anti-slip mat

Parameter

Model Number: KF-JN-01	Product Size: 77.9*77.9*245.5mm
Capacity: 120ml	Colour box size: 360*193*82mm
Charge voltage/current: 12V/1.5A	Material: ABS+304+PC
Power: 72W	Working voltage: 12V
Boiled Time: 5 mins	Battery capacity: 18650/2500mAh*3
Extract time: 60S	Water Heating Temperature: 86°C
Anti-Dry burning temperature: 145°C	

Charging

1. Please charge the device in time when red LED running. There are USB-DC cable, car cable and adaptor for selection. Red LED is running when it's in charging. Green LED will be on after fully charged.

2. Device can work directly during adaptor or car cable charging. For USB cable charging, it cannot work until it is fully charged.

Cautions

1. Don't touch red pad on the cap when it's heating. Keep children away from device when it's heating.

2. Don't heat the devices if there is no water inside, even though there is anti-dry heat protection for 145°C. At the status of anti-dry heat protection, LED flashes 5S and peeps 5S.

3. Clean the device and keep it dry after use.

LED Color	Working Status
Red LED flash 5S	Heat overtime
Orange running LED	Heating
Green LED on	Extraction

Figure 1: Exploded view of the KF-JN-01 portable espresso machine, showing its main components including the host, water container, various holders, and cup.



Figure 2: The 3-in-1 functionality of the KF-JN-01, illustrating how different components are used for large coffee capsules, small coffee capsules, and ground coffee powder.

2. SETUP

Initial Charging:

Before first use, fully charge the device. Connect the charging cable to the DC charging port. The Red LED will illuminate during charging. Once fully charged, the Green LED will turn on. A full charge typically takes 3 to 5 hours.

The device can operate directly when connected to an adapter or car charger. However, for USB cable charging, it must be fully charged before use.



Figure 3: Illustration of the KF-JN-01's battery capacity (7500 mAh) and the charging process, indicating that a full charge supports over 50 extractions.

3. OPERATING INSTRUCTIONS

The KF-JN-01 supports both hot and cold coffee extraction using ground coffee or compatible capsules.

Compatible Coffee Types:

- Original Nespresso capsules (insert with foil side DOWN)
- Dolce Gusto capsules (insert with foil side UP)
- Ground Coffee (8-9g)

Note: This machine is NOT compatible with Vertuo, K-Cup, or any other capsule types not listed above.

Compatible Capsules



Incompatible capsules



Figure 4: Visual guide to compatible coffee types (ground coffee, Dolce Gusto, Nespresso) and incompatible capsule types (Vertuo, K-Cup) for the KF-JN-01.

Accessory Assembly Procedure:

Follow these steps to assemble the correct holder for your chosen coffee type:

Accessory Assembly Procedure

Coffee capsule (large)



Coffee capsule (small cup)



Coffee powder



Figure 5: Step-by-step guide for assembling the large capsule holder, small capsule holder, and coffee powder holder with the KF-JN-01 machine.

For Large Coffee Capsules (e.g., Dolce Gusto):

1. Insert the large capsule into the big capsule holder.
2. Attach the big capsule holder to the main unit.
3. Twist firmly to secure.

For Small Coffee Capsules (e.g., Nespresso):

1. Insert the small capsule into the small capsule holder.
2. Attach the small capsule holder to the main unit.
3. Twist firmly to secure.

For Ground Coffee:

1. Fill the coffee powder holder with 8-9g of ground coffee.
2. Press the coffee powder tightly using a spoon or tamper for better extraction.
3. Attach the coffee powder holder to the main unit.
4. Twist firmly to secure.

Brewing Coffee:

After assembling the correct holder and coffee, proceed with brewing:

For Cold Coffee Extraction:

1. Remove the top cap and pour cold water into the water container (max 60ml). Close the cap.
2. Press the power button once to check the battery level (Green LED will be on).
3. Long press the power button to start cold coffee extraction. The Green LED will run during extraction.
4. The Red LED will indicate if the battery level is below 25%.

For Hot Coffee Extraction:

1. Remove the top cap and pour cold water into the water container (max 60ml). Close the cap.
2. Press the power button once to check the battery level (Green LED will be on).
3. Long press the power button to start hot coffee extraction. The Green LED will run during extraction.
4. The machine will heat the water to 85°C within approximately 5 minutes. It will beep 4 times and automatically extract hot coffee for 60 seconds.

Note: Heating time is approximately 6-10 minutes. Extraction time is approximately 70 seconds. Output is typically a 50ml espresso shot.

Installation Steps



Big Capsule



Small Capsule



Coffee powder



Coffee Extract

You can choose cold water or hot water for extract.

For cold water, please operate as below steps:

- 1.Take cap off, pour cold water into water container then close the cap.
- 2.Press power button once to check battery level (green LED on), then long press power button to extract cold coffee (green LED running), Red LED is running when battery level below 25%.
- 3.If heat the cold water,press button twice to heat the water to 86 °C within 5mins (orange LED breathing), it beeps 4 times and automatically extract hot coffee for 60S (green LED running).

For hot water, please operate as below steps

- 1.Take cap off, pour hot water into water container then close the cap.
- 2.Press power button once to check battery level (green LED on), then long press power button to extract hot coffee for 60S (green LED running).

Troubleshooting

Malfunction	Analysis	Troubleshooting
Red light is on for 8 seconds	Ran out of battery	Charge it for 3 to 5 hours to make sure that it gets a full recharge.
Red light flashes slowly with buzzer sounds for 5 seconds	Heat time over 15 mins, device stop working	Restart Double click power button to heat water.
Red light flashes quickly with buzzer sounds for 5 seconds	Over-heating protection	Take cap off to cool it down for 5 mins.Then re-heat by double clicking power button.
Extraction of water only	Big capsule or small capsule is not pricked well	Twist the big capsule holder tightly to the end until it can't be screwed.
Extracted ground coffee is with residue	Coffee powder is overflowed on the holder edge	Make sure no overflow coffee powder around the powder holder and use a spoon to press coffee powder tightly for a better extraction.

Figure 6: Detailed instructions for cold and hot coffee extraction, along with visual guides for capsule and ground coffee preparation.

4. MAINTENANCE AND CLEANING

Proper maintenance ensures the longevity and optimal performance of your Chefnificent KF-JN-01.

- After each use, clean the device and ensure it is dry.
- **DO NOT wash the main host part of the machine.**This can cause internal damage.
- Avoid overfilling the water or coffee compartments.

- Do not force the capsule or coffee powder holders.
- The transparent cup and coffee holders can be rinsed with water.

5. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Malfunction	Analysis	Troubleshooting
Red light is on for 5 seconds	Run out of battery	Charge the device for 3 to 5 hours for a full recharge.
Red light flashes slowly with buzzer sounds for 5 seconds (over 15 minutes)	Device stopped working (host time out)	Restart the device. Double-click the power button to reheat water if necessary.
Red light flashes quickly with buzzer sounds for 5 seconds	Over-heating protection activated	Remove the cap to allow the device to cool down for 5 minutes. Reheat by double-clicking the power button.
Extraction of water only	Big or small capsule holder not properly secured	Twist the capsule holder tightly until it is fully secured and cannot be twisted further.
Extracted ground coffee contains residue	Coffee powder overflowed or not pressed tightly	Ensure no coffee powder overflows. Use a spoon or tamper to press the coffee powder tightly for better extraction.

6. SPECIFICATIONS

Detailed technical specifications for the Chefnificent KF-JN-01 portable espresso machine:

Feature	Detail
Model Name	KF-JN-01
Brand	Chefnificent
Dimensions (D x W x H)	7.8 x 7.8 x 24.5 cm (77.9 x 77.9 x 245.5 mm)
Weight	380g (approximate, for battery capacity reference)
Color	White
Material	ABS, Stainless Steel, PA/GF
Water Tank Capacity	60 ml
Cup Capacity	120 ml

Feature	Detail
Coffee Input Type	Ground coffee (8-9g), Coffee capsules (Nespresso, Dolce Gusto compatible)
Pressure	20 Bar
Power	72 Watts
Voltage	12 Volts
Battery Capacity	7500 mAh (3 x 2500 mAh)
Charging Voltage/Current	12V/1.5A
Boiling Time	Approx. 5 minutes
Extraction Time	Approx. 60-70 seconds
Anti-Dry Burning Temperature	145°C
Operation	Manual
Dishwasher Safe	No (for main unit)
Included Components	Coffee maker, Charging cable, Transparent cup

7. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not available in the provided product data. Please refer to the product packaging or contact the retailer/manufacturer directly for warranty details and support inquiries.