NIVONA

passion for coffee



GB User manual

WELCOME TO THE NIVONA FAMILY!

We are delighted at the confidence you have shown in us by choosing a quality product from NIVONA.

We would like to express our sincere **THANKS**.

To ensure maximum enjoyment of your NIVONA machine, please read through this document carefully and pay attention to the safety instructions before using the machine for the first time.

Please keep this document in a safe place. Then you can use it as a reference or pass it on to any subsequent owner.

We hope you enjoy your NIVONA product and, with it, a good, flavourful cup of coffee.

Best wishes to you from the NIVONA team!

SYMBOLS USED

The following symbols are used in these instructions:



CAUTION

This symbol draws your attention to possible dangers.



NOTE

This symbol draws your attention to special information.



TIP

This symbol indicates helpful advice on how to use the machine.

CONTENTS

| 1. | | SAFETY INSTRUCTIONS | | |
|----|------|--|----|--|
| | 1.1. | Correct use | 4 | |
| | 1.2. | General instructions for the user | 4 | |
| | 1.3. | Limits to the range of users | 5 | |
| 2. | CON | NTROL ELEMENTS | 6 | |
| 3. | OPE | ERATION OF THE MACHINE | 7 | |
| | 3.1. | Function switches | 7 | |
| | 3.2. | Operation with the rotary dial | 7 | |
| | 3.3. | Operation with the touchscreen | 8 | |
| | 3.4. | Functions of the buttons | 8 | |
| 4. | INIT | IAL STARTUP | 9 | |
| | 4.1. | Preparation | 9 | |
| | 4.2. | Initial Start menu | 9 | |
| 5. | MEN | NU NAVIGATION | 11 | |
| 6. | PRE | PARE SPECIALTY COFFEES | 12 | |
| | 6.1. | Draw specialty coffee | 12 | |
| | 6.2. | 2-cup function | | |
| | 6.3. | COFFEE quantity function (can symbol) | 13 | |
| | 6.4. | Cappuccino-Connaisseur | 14 | |
| | 6.5. | Flavour profiles | 14 | |
| | 6.6. | MY COFFEE (for individual specialty coffees) | 14 | |
| | 6.7. | Permanent recipe settings | 15 | |
| | 6.8. | Prepare ground coffee | | |

| 7. | BASIC SETTINGS17 | | | |
|-----|---------------------------------|-------------------------------|----|--|
| | 7.1. | General settings | 17 | |
| | 7.2. | Set grind fineness | 19 | |
| | 7.3. | Aroma Balance System | 19 | |
| | 7.4. | NIVONA App | 20 | |
| 8. | CLE | ANING & MAINTENANCE | 20 | |
| | 8.1. | Rinse frother | 21 | |
| | 8.2. | Clean frother | 22 | |
| | 8.3. | Rinse system | 23 | |
| | 8.4. | Clean system | 23 | |
| | 8.5. | Descale system | 24 | |
| | 8.6. | Remove & clean brewing unit | 25 | |
| | 8.7. | Clean regularly by hand | 26 | |
| | 8.8. | Disassemble and clean frother | 27 | |
| | 8.9. | Change filter | 27 | |
| | 8.10. | Status of maintenance | 28 | |
| 9. | SOL | VING PROBLEMS YOURSELF | 29 | |
| 10. | ACCESSORIES & COFFEE ASSORTMENT | | | |
| 11. | CUSTOMER SERVICE & WARRANTY | | | |
| 12. | PACKAGING & DISPOSAL | | | |
| 13. | TECHNICAL DATA | | | |

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1. SAFETY INSTRUCTIONS

Repairs to electrical appliances must be carried out only by specialised technicians! Improper repairs can expose the user to considerable dangers! If the machine is used other than for its intended purpose or is operated or maintained improperly, we cannot accept liability for any resulting damage!

Actuating the on/off switch during the brewing process can damage the machine! Switch the machine off only when it is idle!

Danger of burns! Hot water might spray out of the outlet at first when steam or hot water is drawn. Touch the outlet only when cold.

1.1. Correct use

The machine is intended for use in the home and similar applications such as kitchens for personnel, shops, offices and other commercial premises, agricultural estates, by customers in hotels, motels and other residential establishments and in bed and breakfasts (see warranty terms attached). Otherwise the warranty will be void.

1.2. General instructions for the user

- Set the machine on a dry, level and stable surface, and use it only indoors. Never place this machine on a hot surface, near other appliances which become very hot when in use (e.g. stove, deep fryer), or near open flames.
- The machine must not be used in cupboards or other closed pieces of furniture.
- The mains supply voltage must always match the working voltage of the machine. Please refer to the type plate on the machine.
- The machine must not be used at altitudes over 2000 m above sea level.
- Do not operate the machine if the mains supply cable or the casing is damaged. Never let the mains supply cable touch hot parts.
- If the mains supply cable of the machine is damaged, it must be replaced by the manufacturer, its customer service representative, or a similarly qualified technician to avoid hazards.
- Never immerse the machine in water.
- Always keep the mains supply plug dry and keep it away from moisture.
- Do not pull on the mains supply cable to disconnect the plug from the mains socket.

- If a fault occurs, disconnect the mains plug immediately (never by pulling on the mains supply cable or the machine itself).
- Before carrying out maintenance or cleaning, check that the machine is switched off and that the mains plug is disconnected.
- No liability for damage is accepted in case of incorrect operation, improper use, or incorrect repairs. The warranty is void in these cases.
- Always follow the instructions for cleaning and descaling! Failure to comply voids the warranty.
- Never clean the machine or individual parts in the dishwasher. Failure to comply voids the warranty.
- Do not leave the machine switched on unnecessarily.
- If you will be away for several days, always unplug the mains supply cable.
- Please use the integrated coffee grinder only to grind roasted and untreated coffee beans, not for other food items! Always make sure that there are no foreign objects mixed in with the coffee beans, which voids the warranty.
- If repair of the machine is required (including replacement of the mains cable!), please first contact the NIVONA service telephone or the dealer from which the machine was purchased, and, after consultation

with us and observing the section "How to make your machine ready for shipment" in Chapter 11 of this document, send it to **NIVONA Central Customer Service, Südwestpark 49, D-90449 Nuremberg, Germany.**

1.3. Limits to the range of users

This machine can be used by children 8 and older and by persons with physical, sensory, or mental impairments or who are lacking in experience and knowledge, provided they are acting under supervision or have been instructed on how to use the machine safely and are aware of the possible dangers. Children must not play with the machine. Cleaning and maintenance of this machine must not be carried out by children unless they are age 8 or over and are acting under supervision. The machine and its connection line must be kept away from children younger than 8.

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2. CONTROL ELEMENTS



Operation of the machine

3. OPERATION OF THE MACHINE

3.1. Function switches

The NIVONA machine can be operated with the following switches:



Rotary dial navigate / select / change / confirm by turning and pressing



Touchscreen navigate / select / change / confirm by touching

3.2. Operation with the rotary dial

Turning the rotary dial

To change between the three main menus **SPECIALTY COFFEES**, **SETTINGS** and **MAIN-TENANCE**, to select / navigate within the main menus and to change the setting options in the submenus and **Recipe menu**.

Pressing the rotary dial

To start / confirm the currently marked function or the changed setting option. In the submenus and in the **Recipe menu**, the first press selects the setting parameters and the next press confirms the change.

Pressing the *rotary dial* once when the beverage is drawn cancels the procedure. If the draw is cancelled while the parameters are still flashing, the *rotary dial* must be pressed 2x.

* The Recipe menu only appears before each draw of a specialty coffee if DIRECT DISPENSING is disabled (SETTINGS - COMFORT SETTINGS menu). 7

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3.3. Operation with the touchscreen

Using the touchscreen, the menu and function selection can be made directly by touching the symbols and buttons.

3.4. Functions of the buttons

The buttons can be selected either by touching (directly) or with the *rotary dial* (by turning and pressing). To change a setting option in the **SPECIALTY COFFEES** and **SETTINGS** menus, turn the *rotary dial*. The arrow symbols can only be operated by touching.

| START | start | EXIT | back leave menu |
|--------------|---|---|---|
| ОК | confirm save | CHOOSE | select option enable |
| NEXT | confirm to next step | ◇◇◇ | navigate select by touching |
| CANCEL | cancel | \checkmark | confirm a message / instruction |
| \mathbf{U} | Instruction for a manual action on the machine | highlighted; th | selected symbol / function is ne symbol description is dis- SPECIALTY COFFEES menu. |

INITIAL STARTUP 4.

4.1. Preparation

- Remove the machine and other supplied parts from the packaging $\mathbf{\Sigma}$
- Place the machine on a level, dry work surface (ventilation slots must not be covered) \mathbf{N}
- \mathbf{N} Connect the mains supply cable to a power socket which has been correctly installed (any unnecessary length of cable remains inside the cable compartment)
- Switch on the machine \mathbf{N}

If the machine is switched on after the initial startup, it first heats up. If the automatic switchon rinse is enabled, the display shows **RINSING SYSTEM** and the rinse procedure starts automatically. If the automatic switch-on rinse is disabled, the display shows **PLEASE RINSE** and the rinse procedure must be started.

4.2. Initial Start menu

The instructions on the display lead you through the Initial Start menu conveniently and step-by-step.

Set language

Select the language and confirm \mathbf{N}

Set filter

Select the filter setting $\mathbf{\Sigma}$

NOTE

Details on **Operation of the machine** are contained in Chapter 3, starting at page 7. DE

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SCAN ME!



Filter YES

RU



Example: Water hardness display DEGREE 3

| Test strips | Degree of hardness | Water hard- ness display |
|----------------|-----------------------|-----------------------------|
| ≤1red point | 0 - 9° | DEGREE 1 |
| 2 red points | 10 - 14° | DEGREE 2 |
| 3 red points | 15 -19° | DEGREE 3 |
| | | (factory setting) |
| ≥ 4 red points | ≥20° | DEGREE 4 |



FILL WATER TANK



$Operation \ \underline{with} \ filter$

Set the menu to INSERT FILTER? Set YES and confirm with NEXT

NOTE If used with a filter, the machine does not need to be descaled as often.

Operation <u>without</u> filter (factory setting)

Set the menu to **INSERT FILTER**? Set **NO** and confirm with **NEXT**

When using the machine without a filter, the water hardness must be entered in the next step.

Set water hardness*

- Immerse supplied test strip briefly in water, shake it off and read the test result after about 1 minute
- In the menu, select the water hardness read from the test strip and confirm with **NEXT**.

Fill water tank (> 0.7l)

Remove the water tank and fill it with fresh, cold water without carbonation (no mineral water), reinsert the tank.

Do not fill any carbonated liquids or any other liquids, or the warranty is void!

Fill coffee bean holder

Fill the coffee bean holder with untreated, roasted coffee beans without foreign objects or dirt and without sugar, then close the flavour protection cover well

* For operation without filter

DE

Insert filter*

- Using the mounting aid at the end of the measuring spoon, screw the filter into the water tank
- Place a large container (> 0.5 l) under the outlet and confirm with **NEXT**

Rinse filter*, fill / rinse system

A message / instruction is shown on the display when the system hast to be filled

- Place a large container (> 0.5 l) under the outlet
- Wait until no more water comes out of the outlet, then empty the container
- Solution Confirm the message / instruction

All settings that were determined during initial startup can be changed at any time in the **SETTINGS** menu.

5. MENU NAVIGATION

In the NIVONA machine, you can select the main menus **SETTINGS**, **SPECIALTY COFFEES**, and **MAINTENANCE**. All available functions of the machine can be carried out within these main menus.

Detailed information on navigation within and between the main menus is found in Chapter 3 starting at page 7.





Insert the filter







RINSING F FILTER S

FILLING SYSTEM RINSING SYSTEM GB





SETTINGS



SPECIALTY COFFEES

TY MAINTE-S NANCE PL

* For operation with filter

(i) NOTE

At first preparation, the grinding chamber is still empty. After the first grinding, it is possible that **FILL BEANS** is displayed and the machine does not make coffee.

Follow the instructions on the display and press the *rotary dial* again for an additional draw; the process is then repeated

Before switching off the machine, the frother must be rinsed **also when using the double milk tube** (if a message / instruction appears on the display) and the **connection (valve)** of the double milk tube **must be rinsed** under cold, clean water (see Chapter 8.7. on page 26).

 With the rotary dial / by touching select and confirm the message / instruction on the display





Double milk tube Single milk tube – connected to the milk container –

6. PREPARE SPECIALTY COFFEES

6.1. Draw specialty coffee

- Select the desired specialty coffee in the SPECIALTY COFFEES menu
- For specialty coffees with milk, connect the milk-filled container (milk container, milk cooler, Tetra Pack, etc.) to one end of the milk tube (in case of a double milk tube to the valve). Connect the other end to the height-adjustable outlet
- When direct dispensing is enabled (see Chapter 7.1. on page 17), short pressing / touching the desired specialty coffee starts dispensing immediately
- When direct dispensing is disabled (see Chapter 7.1. on page 17), short pressing / touching the desired specialty coffee takes you to the recipe menu for the stored beverage, with the option of changing some of the stored parameters for the next dispensing
- Confirmation in the recipe menu of the specialty coffee starts the beverage dispensing

After completing the preparation of a specialty coffee with milk, the display shows the message / instruction to rinse the frother.

If the **single milk tube** is used, the frother should be rinsed as soon as possible, but at the latest before switching off the machine.

Reconnect the tube to the drip tray, select and confirm the message / instruction on the display with the *rotary dial* / by touching and follow the instructions on the display until the end of the program



If the **double milk tube** is used, the frother does not need to be rinsed immediately, because the **easyclean**⁺ rinsing program rinses it automatically after the set time (see Chapter 7.1, on page 17). It is not necessary to remove the tube end from the connected milk source.

Even during a started coffee dispensing, the parameters coffee strength, quantity, aroma and 2-cup function can still be changed by selecting and turning the rotary dial as long as they are flashing.

Beverage dispensing can be cancelled either with **CANCEL** or by pressing the rotary dial. If dispensing is cancelled with the rotary dial while the parameters are still flashing, the rotary dial must be pressed several times.

6.2. 2-cup function*

To dispense two cups of the same beverage directly one after the other at the press of a • button / by touching, the cup symbol must be changed during dispensing and a second cup must be placed under the outlet

6.3. COFFEE quantity function (can symbol)

- To dispense up to 8 cups (max. 1.9 l) of the specialty coffee COFFEE one after the other, • place a suitably large container under the outlet and change the cup symbol to the desired quantity. When direct dispensing is enabled (see Chapter 7.1. on page 17), the cup symbol must be changed during dispensing. If direct dispensing is disabled, the cup symbol is changed in the recipe menu before dispensing.
- > If the quantity of coffee beans or water falls below the minimum quantity during dispensing, dispensing can either be continued or cancelled after refilling.



Single milk tube connected to drip trav

Before removing the double milk tube, the frother must be rinsed (if a message / instruction appears on the display).

Confirm the message / instruction on the display.





2 cups

NL

ΡL

FR



Can

1 cup

GB

DE





CONSTANT





MY COFFEE

6.4. Cappuccino-Connaisseur

By changing the PREPARATION, CAPPUCCINO or CAFFÈ LATTE lovers can determine in BEVERAGE RECIPES whether milk (milk → coffee), coffee (coffee → milk) or both at the same time (coffee + milk) is added to the cup first

6.5. Flavour profiles

- Changing the flavour profile (DYNAMIC | CONSTANT | INTENSE) changes the brewing process and extraction from the beans and thus the taste of the coffee (see also Chapter 7.3 Aroma Balance System on page 19).
- The QUICK flavour profile makes it possible to dispense a specialty coffee **more quickly** than the other three flavour profiles

6.6. My Coffee (for individual specialty coffees)

Up to 20 different beverages can be individually set, named, and stored with the NIVONA machine.

To do this, in the SETTINGS menu select the menu option BEVERAGE RECIPES and edit, add or delete beverages under MY COFFEE

Add a beverage:

Select basic recipe, assign name, go one step further, select symbol, set individual recipe, save and exit the menu

6.7. Permanent recipe settings

 \mathbf{N}

 \mathbf{N}

The following parameters for the individual specialty coffees can be permanently set in the **SETTINGS** menu under the item **BEVERAGE RECIPES**:

| STRENGTH | FLAVOUR* (DYNAMIC, CONSTANT, INTENSE) | PREPARATION** (Cappuccino Connaisseur) |
|---|---|---|
| QUANTITY (coffee / milk foam / water / milk, depending on the specialty coffee) | TEMPERATURE*** (NORMAL, HIGH, HOT, MAXIMUM) | |

(i) NOTE

Detailed information for setting a permanent **TEMPERATURE** and for the general setting of an **FLAVOUR PROFILE** is given in chapter 7.1. General settings on page 17 DE

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* Only if the INDIVIDUAL option is selected in the AROMA menu option of the SETTINGS menu

Pressing the rotary dial / touching **OK** saves the changed parameters

** Only for CAPPUCCINO or CAFFÈ LATTE

Press **FXIT** to exit the menu level

*** Only if the INDIVIDUAL option is selected under TEMPERATURE in the SETTINGS menu; the available temperature options depend on the beverage

The ground coffee shaft is not a storage container. Therefore, never add more than one portion to the shaft and use only fresh or vacuum-packed ground coffee from coffee beans.

Water-soluble instant coffee must not be used!





FILL GROUND COFFEE

CLOSE THE GROUND COFFEE SHAFT LID

6.8. Prepare ground coffee

- Open the lid of the ground coffee shaft (top centre on the right-hand side of the machine)
- The display alternately shows FILL COFFEE POWDER and CLOSE GROUND COFFEE SHAFT
- Add a level measuring spoon of ground coffee
- Close the cover and flap
- > The display shows when the ground coffee is ready
- Place a cup in the middle below the coffee outlet
- Select the beverage in the SPECIALTY COFFEES menu
- Start preparation

(i) NOTE

If you accidentally open the ground coffee shaft – or have not started a beverage draw after adding ground coffee – the machine is automatically rinsed about one minute after the cover is closed again and is then ready for use again.

7. BASIC SETTINGS

7.1. General settings

All parameters displayed in the SETTINGS menu can be changed using the rotary dial / by touching.

| BEVERAGE RECIPES Permanent recipe setting of the individual specialty coffee LIVE PROGRAMMING within the individual beverages, i.e. changing and saving the recipe setting during dispensing (Select LIVE PROGRAMMING within the beverage recipe and follow the instructions on the display) | FILTER Set operation with / without filter | WATER HARDNESS - Set the water hardness (only displayed during operation without filter) | FR |
|---|--|--|----------|
| FLAVOUR - Setting the aroma profile for all beverages in the SPECIALTY COFFEE menu (CONSTANT, DYNAMIC, INTENSE, QUICK, INDIVIDUAL) With the setting INDIVIDUAL, different aroma profiles can be defined for the different spe- cialty coffees | TEMPERATURE Setting the temperatures for COFFEE, MILK, MILK FOAM and HOT WATER for all beverages in the Specialty Coffee menu (NORMAL, HIGH, HOT, MAXIMUM, INDIVIDUAL)* With the setting INDIVIDUAL, different temperatures can be defined for the different specialty coffees | LANGUAGE - Set the language | NL PL |

17



DE

| FIMES Activate / deactivate automatic switch-off time* Activate / deactivate automatic switch-on time (setting of the current time and the switch-on time) Set time of day** (only appears when the switch-on time is activated) | COMFORT SETTINGS Activate / deactivate cup heating Activate / deactivate display lock / energy saving (ECO) mode*** Activate / deactivate milk products (specialty coffee with milk) Activate / deactivate automatic switch-on rinse Set frother rinsing**** Activate / deactivate automatic switch-on rinse Activate / deactivate direct dispensing (immediate beverage dispensing with a single press / by touching the SPECIALTY COFFEE menu, without the possibility of making changes in the recipe menu) | FACTORY SETTING - Recipes, settings and Bluetooth can be reset to the factory setting |
|---|---|--|
| STATISTICS Displays the draws per specialist coffee and the performed maintenance functions since initial startup | BLUETOOTH Connection to smartphone / tablet and control of the machine with the NIVONA App. | |

Extending the time before switch-off increases energy consumption. Detailed information on energy consumption can be found via the QR code in chapter 13 on p. 33.

- ** After disconnection from the power network, the time of day must be reset.
- *** If the *rotary dial* has not been actuated for a longer period of time, the machine switches automatically into the **ECO mode**. A screen saver appears on the display. Actuate the *rotary dial* to leave the **ECO mode**.
- **** For the **easyclean**⁺ automatic rinsing program when using the machine with double tube.

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7.2. Set grind fineness

To change the grind fineness, please:

- Open the service door on the right side of the housing (gently pull the unlocking device inside the handle upward, then carefully remove the service door from the housing)
- Place cup under the height-adjustable outlet
- Select and start ESPRESSO in the **SPECIALTY COFFEE** menu
- While the grinder grinds, change the grind fineness by moving the regulator (above right) (left = finer, right = coarser)
- Close the service door again (guide pins on the rear of the service door into the recesses, then press the service door until it locks in place)

7.3. Aroma Balance System

The NIVONA machine is equipped with the **Aroma Balance System**, which brings out the best of the bean for every taste. The three flavour profiles DYNAMIC, CONSTANT and INTENSE create a different taste with the same bean, same coffee strength, and same water amount.

The fourth flavour profile, QUICK, enables a specialty coffee to be dispensed more quickly than with the other three flavour profiles while maintaining a balanced aroma.









CONSTANT



QUICK

DYNAMIC

INTENSE





Open / close the service door

Set grind fineness

The grind fineness may only be set when the grinder is running!

The grinder can be adjusted to adapt to the roast of the coffee beans. We recommend always leaving the grinder at a medium setting.

i) NOTE

When changing the grind fineness, we recommend:

- a finer setting for light roasts (regulator further to the left),
- a coarser setting for dark roasts (regulator further to the right).

NL

i NOTE

The NIVONA machine supports only **one active** Bluetooth connection with a mobile device.



7.4. NIVONA App

The NIVONA machine can be controlled and operated through the NIVONA App, as it is equipped with a Bluetooth interface.

- Download the NIVONA App from the Google Play Store (Android) or from the Apple App Store (iOS) onto your mobile device
- In the SETTINGS menu, select the BLUETOOTH menu option and activate Bluetooth with CONNECT on the NIVONA machine
- Activate Bluetooth on your mobile device and from there connect to the NIVONA machine through the NIVONA App

Now the NIVONA machine can be operated / controlled through the app.

8. CLEANING & MAINTENANCE

All cleaning and maintenance programs can generally be selected and started in the **MAINTENANCE** menu.

Select MAINTENANCE menu

Select the cleaning or maintenance program and start it with the *rotary dial* / by touching

The machine starts the corresponding cleaning or maintenance process and displays instructions for additional actions if required.

• Follow the instructions on the display up to the end of the program and confirm each time with the *rotary dial* / by touching

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NL

When a message / instruction for cleaning or maintenance activities appears on the display:

Select and confirm the instruction with the *rotary dial* / by touching

The machine starts the corresponding cleaning or maintenance process and displays instructions for additional actions.

Follow the instructions on the display up to the end of the program and confirm each time with the *rotary dial* / by touching

8.1. Rinse frother

After completing the preparation of a specialty coffee with milk, the display shows the message / instruction to rinse the frother.

If the **single milk tube** is used, the frother should be rinsed as soon as possible, but at the latest before switching off the machine. Proceed as follows:

- Select and confirm the instruction with the *rotary dial* / by touching or
- In the Maintenance menu, select the menu option RINSE FROTHER
- Connect the supplied tube with one end to the height-adjustable outlet and put the other end in the drip tray, and confirm with the *rotary dial* / by touching
- Put a sufficiently large container (≥ 0.5 l) under the height-adjustable outlet and confirm with the *rotary dial* / by touching

The machine starts the rinse process. As soon as the rinse cycle is ended, the machine heats up and is then ready for operation again.

CAUTION The running program must not be interrupted!





FROTHER RINSING

PL



Connected milk container

The running program must not be interrupted!

Both the single milk tube and the double milk tube can be used for the cleaning program.

If the double milk hose is used, it should be used for cleaning, as the valve must be cleaned regularly. After cleaning, the valve must always be rinsed with cold, clear water (see Chapter 8.7. on page 26). If the **double milk tube** is used, the frother does not need to be rinsed manually, because the **easyclean**⁺ rinsing program rinses it automatically after the set time (see Chapter 7.1. on page 17) without having to remove the double milk tube from the milk source.

However, manual flushing is possible. Proceed as follows:

- Select and confirm the instruction with the *rotary dial* / by touching or
- > In the MAINTENANCE menu, select the menu option RINSE FROTHER
- It is not necessary to remove the tube end from the connected milk source
- Put a sufficiently large container (≥ 0.5 l) under the height-adjustable outlet and confirm with the rotary dial / by touching

The machine starts the rinse process. As soon as the rinse cycle is ended, the machine heats up and is then ready for operation again.

Even when the machine is switched off, the frother is automatically rinsed by **easyclean**⁺ if the **double milk tube is used**.

After switching off the machine, make sure to rinse the connection (valve) of the double milk tube under cold, clean water.

8.2. Clean frother

A message / instruction is shown on the display when the frother has to be cleaned.

- Select and confirm the instruction with the *rotary dial* / by touching or
- In the MAINTENANCE menu, select the menu option CLEAN FROTHER
- Put some detergent (recommendation: NIVONA CreamClean milk system cleaner) and water into a container (min. 0.3 l)
- Please observe the instructions of the detergent manufacturer for the mix ratio



CLEANING FROTHER

CONNECT TUBE TO THE OUTLET AND PUT IN CLEANER





RINSE VALVE LINDER COLD WATER

SCAN ME!



RINSING SYSTEM

CAUTION

The running program must not be interrupted!

Please do not insert a cleaning tablet into the round opening of the brewing unit until the machine instructs you to do this.



rupted!



FR

DE

GB

Follow the instructions on the display up to the end of the program and confirm each \mathbf{N} time with the *rotary dial* / by touching

The machine then heats up and is ready for operation again.

 \mathbf{N} Rinse the value of the double milk tube under cold, clear water

8.3. Rinse system

The system should be rinsed from time to time.

In the MAINTENANCE menu, select the menu option RINSE SYSTEM. The display \mathbf{N} shows **RINSING SYSTEM**

As soon as the rinse cycle is ended, the machine heats up and is then ready for operation again.

8.4. Clean system

- Put a sufficiently large container (≥ 0.5 l) under the height-adjustable outlet \mathbf{N}
- \mathbf{N} Select and confirm the instruction with the *rotary dial* / by touching or
- In the MAINTENANCE menu, select the menu option CLEAN SYSTEM \mathbf{S}
- Follow the instructions on the display up to the end of the program and confirm each \mathbf{N} time with the rotary dial / by touching

The machine then heats up and is ready for operation again.

NOTE

A message / instruction is shown on the display when the machine has to be cleaned. Beverages can still be drawn. But we recommend carrying out the cleaning program as soon as possible to avoid endangering the warranty.

SCAN ME!



PL

Please always remove residual descaling fluid on the housing with a moist cloth afterwards!

(i) NOTE

A message / instruction is shown on the display when the machine has to be descaled. (The descaling program can also be started manually at any time.) Beverages can still be drawn. But we recommend carrying out the descaling program as soon as possible to avoid endangering the warranty.



DESCALING SYSTEM



SCAN ME!

8.5. Descale system

The running descaling program must not be interrupted!

Both the single milk tube and the double milk tube can be used for the descaling program.

Never use vinegar or vinegar-based material for descaling, but always use commercially available **liquid products** recommended for fully automatic coffee machines (recommendation: NIVONA PREMIUM liquid descaler).

The filter (if present) must be removed from the water tank prior to the start of the descaling program.

During descaling, please follow exactly the sequence of the displays!

First fill in the corresponding amount of **water** up to the 0.7 l mark and **then** add the **descaler**. **Never in reverse order!** Observe the instructions of the descaler manufacturer.

- Select and confirm the instruction with the *rotary dial* / by touching or
- > In the MAINTENANCE menu, select the menu option DESCALE SYSTEM
- Put a sufficiently large container (≥ 0.7 l) under the height-adjustable outlet
- Follow the instructions on the display up to the end of the program and confirm each time with the *rotary dial* / by touching

The machine then heats up and is ready for operation again.

8.6. Remove & clean brewing unit

The brewing unit should be removed and cleaned under running water as needed. Please never use detergent, but only pure **cold** water!

- Open the service door on the right side of the housing (gently pull the unlocking device inside the handle forward, then carefully remove the service door from the housing)
- Unlock the brewing unit (press the red switch upward and turn the handle to the left up to the stop and to lock)
- Solution Carefully remove the brewing unit with the handle
- Clean the brewing unit under cold, running water and **then let it dry**
- Carefully insert the brewing unit again and lock it (hold down the red switch and turn the handle to the right up to the stop and to lock it)
- Close the service door again (guide pins on the rear of the service door into the recesses, then press the service door until it locks in place)

Clean the brewing unit at least once a month. Otherwise, warranty claims may be excluded.





Open / close the service door

Unlock the brewing unit

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Never immerse the machine in water! Do not use scouring agents for cleaning. Dried milk residue is hard to remove. Therefore, always clean immediately after the machine cools down! Always follow the message / instructions on the display on rinsing and cleaning the frother.

The connection (valve) of the double milk tube must be cleaned manually every day. To do this, remove the double milk tube from the machine and clean the valve under cold, clear water.





Double milk tube





RINSE VALVE UNDER COLD WATER

Please follow these cleaning instructions. Maximum cleanliness is required, especially when handling food and beverages.

NOTE

(i)

When cleaning the drip tray, make sure that the two metal contacts and the space between them at the rear of the drip tray are always clean and dry. Occasionally use some soapy water to clean the drip tray.

From time to time (ideally before every longer break in coffee making, but always on a regular basis!), the frother must be disassembled completely and then cleaned under cold, clean water.

The machine is equipped with rear rollers. These permit movement on a flat work surface. This allows cleaning under the machine.

- Dean the housing inside and outside only with a soft, moist cloth without detergent
- Empty the drip tray and coffee grounds container not later than when shown on the display (only with the machine switched on, as only then can it tell that the containers have been emptied)
- After the drip tray and coffee grounds container have been removed, clean the housing inside with a soft, moist cloth without detergent
- The water tank should be rinsed under clean water daily and refilled with fresh, cool water
- Clean the frother, tube, and outlet regularly

8.7. Clean regularly by hand

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Assembled frother

NIVONA

Cover plate on the

height-adjustable

outlet

Individual parts of the frother

NOTE

You can continue to draw beverages. But we recommend changing the filter immediately.





Unscrew the filter from the water tank

TIP To clean the display during operation, the display can be locked in the MAINTENANCE menu under the item SCREEN MAINTENANCE. Pressing the rotary dial once releases the lock.

8.8. Disassemble and clean frother

- Remove the cover plate at the height-adjustable outlet, gently pull the frother down ۶D and then out to the front and take it apart
- Thoroughly clean the parts and put the frother back together \mathbf{S}
- Insert the assembled frother back in the height-adjustable outlet Ø
- \mathbf{S} Reattach the cover plate to the height-adjustable outlet

8.9. Change filter

The filter's effectiveness is used up after about 50 l of water has flown through it. A message / instruction to replace the filter appears on the display.

- Select and confirm the instruction with the *rotary dial* / by touching or \mathbf{i}
- In the SETTINGS menu, select the FILTER menu option \mathbf{S}
- Select YES so that the machine detects that a filter is currently inserted \mathbf{N}
- Select CHANGE FILTER \mathbf{N}

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Insert the filter **straight** and do not overturn!

In case of low water consumption, you must replace the filter not later than after two months. No message appears on the display. You can set the replacement date with the dial on the head of the filter (month indicator).

- Empty the water tank; carefully unscrew the old filter from its holder using the mounting aid at the end of the measuring spoon, and throw the filter away
- Carefully screw the new filter into its intended holder in the water tank using the mounting aid at the end of the measuring spoon
- Place a large container (> 0.5 l) under the outlet and confirm
- Wait for some time until no more water comes out of the outlet

The machine then heats up and is ready for operation again.

8.10. Status of maintenance

The machine shows through a progress bar whether cleaning or descaling will be required soon. The further to the right the progress bar is, the sooner the cleaning / descaling will be needed.

In the MAINTENANCE menu, select the STATUS OF MAINTENANCE menu option

9. SOLVING PROBLEMS YOURSELF

The following table shows some causes and options for solving the problem if the machine does not work properly.

If the system detects a fault, an error message appears on the display:

- Note the error message (according to the table on page 30 / 31, error 8 can sometimes resolve itself)
- Switch off the machine
- Pull out the mains plug



If a fault occurs, or you cannot fix a problem yourself, please contact your selling dealer or visit the service area at **www.nivona.com**.

The following information is important for fast, competent processing of the matter

- Model of the NIVONA product
- Serial number
- If available:
 Error number / error message



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(i) NOTE

To avoid problems, the following should be observed:

- Always remove the water tank from the machine to fill it
- Do not store coffee beans in the refrigerator
- Always empty containers with the machine switched on
- Use fresh and cooled milk

| Problem | Cause | Remedy |
|---|---|--|
| No hot water or drawing of milk foam / | System might need descaling | Perform high-dosage descaling (Chapter 8.5.) |
| steam possible | Frother is plugged | Disassemble the frother com- pletely and clean it thoroughly |
| Too little milk foam or liquid foam or | Frother is plugged | Disassemble the frother com- pletely and clean it thoroughly |
| milk splashes when frothing | Unsuitable milk | Use cold milk |
| - | System might need descaling | Perform high-dosage descaling (Chapter 8.5.) |
| | Valve of the double milk tube is plugged | Place the valve in liquid CreamClean milk system cleaner, let it soak in and then rinse thoroughly under clean water; reduce the time interval for automatic frother rinsing (Chapter 7.1) |
| Coffee comes out only dropwise | System might need descaling | Perform high-dosage descaling (Chapter 8.5.) |
| | Grind fineness is too fine / too coarse | Set grind fineness coarser / finer (Chapter 7.2.) |
| | Ground coffee is too fine | Use coarser ground coffee |
| | Too much ground coffee added | Add less ground coffee |

| Problem | Cause | Remedy |
|---|--|--|
| Coffee comes out only dropwise | Brewing unit is plugged | Remove and clean the brewing unit (Chapter 8.6.). Reinsert the brewing unit and perform sys- tem cleaning (Chapter 8.4.). |
| | Coffee outlets are plugged | Perform system cleaning (Chapter 8.4.) |
| Coffee does not have "foam" | Brewing unit is plugged | Remove and clean the brewing unit (Chapter 8.6.). Reinsert the brewing unit and perform system cleaning (Chapter 8.4.). |
| | Unsuitable coffee type | Change the coffee type |
| | Beans are no longer roast-fresh | Use fresh beans |
| Loud noise in the grinder | Grind fineness not adapted to coffee beans | Optimise the grind fineness (chapter 7.2.) |
| | Foreign matter in the grinder, e.g. small stones | Call the NIVONA service telephone; ground coffee can still be used |
| The display shows Error 8 SERVICE PHONE | The drive cannot properly position the brewing unit | Switch off the machine and pull the plug. Plug it back in and switch on the machine. If the machine is ready for operation, remove and clean the brewing unit (Chapter 8.6.). |
| Despite emptied and inserted containers, the display shows EMPTY TRAYS | Gap between the contacts at the rear of the drip tray is dirty | Clean the gap between the contacts with water and some detergent as well as a brush, then dry |
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32 Accessories & coffee assortment Customer service & warranty Packaging & disposal



EVAPO-



SCAN ME!

(i) NOTE

Both the single milk tube and the double milk tube can be used for the cleaning program.

WARRANTY & CUSTOMER SERVICE CONDITIONS

Please see the accompanying information sheet for detailed warranty and customer service conditions.

10. ACCESSORIES & COFFEE ASSORTMENT

Our current assortment of accessories and coffee can be found at www.nivona.com.

11. CUSTOMER SERVICE & WARRANTY

If you have to send in the machine due to a defect, first evaporate it out so that no water remains in the system.

How to make your machine ready for shipment | Evaporate machine

- > In the MAINTENANCE menu select the EVAPORATE SYSTEM menu option
- Follow the instructions on the display until the end of the program and confirm each time with NEXT
- Dempty drip tray, coffee grounds container, water tank and ideally the coffee bean holder
- Reinsert all parts
- Pack the machine, ideally in the original packaging (no liability can be accepted for transportation damage)

12. PACKAGING & DISPOSAL

The machine's complete original packaging should be kept to protect it during shipping in case customer service is needed.

Electrical and electronic appliances contain many materials which are still valuable or are harmful to the environment, and these should not be treated in the same way as normal household waste. If treated as household waste or handled incorrectly, they may cause harm to human health or the environment. Therefore, never throw a defective machine away with

household waste, but bring it to the community collection point for return and recycling of old electrical and electronic devices.

You can obtain more information from your local town hall, waste disposal service provider, or the retailer from whom the machine was purchased. Filter cartridges are disposed of as household waste.

13. TECHNICAL DATA

| Voltage | 220-240 V AC, 50-60 Hz |
|-----------------------------------|---|
| Power output | 2400-2800 W |
| Conformity mark | CE |
| Static pump pressure max. | 15 bar |
| Water tank capacity | approx. 3.5 l |
| Coffee bean holder capacity | approx. 600 g |
| Coffee grounds container capacity | approx. 22–37 portions* |
| Cable length | approx. 1.6 m |
| Weight | approx. 13.4 kg |
| Dimensions (W x H x D) | approx. 30 x 42 x 48 cm |
| Bluetooth** | Frequency range: 2,400–2,483.5 MHz Max. transmission output: 10 mW |

Detailed information on energy consumption can be found via the following QR code:





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- * Depending on the coffee strength used
- ** NIVONA Apparate GmbH hereby declares that the radio system complies with the Directive 2014/53/EU.

The complete text of the EU conformity declaration is available at the internet address www.nivona.com in the SERVICE download area.

Technical data

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