



**MOD: DW3414-DE**

**Production code : EMD34NS1-S00E**

**05/2024**

Dear Customer,

Please read this manual carefully before connecting the appliance in order to prevent damage due to incorrect use. Read the safety regulations in particular very carefully.

---

## **Safety regulations**

- Incorrect operation and improper use of the appliance can seriously damage the appliance and injure users.
- This appliance is exclusively used for commercial purposes only and not be used for household use.
- The appliance may only be used for the purpose for which it was intended and designed. The manufacturer is not liable for any damage caused by incorrect operation and improper use.
- Keep the appliance and electrical plug away from water and any other liquids. In the unlikely event that the appliance should fall into water, immediately pull the plug out of the socket and have the appliance checked by a certified technician. Not following these instructions could give rise to life-threatening situations.
- Never try to open the casing of the appliance yourself.
- Do not insert any objects in the casing of the appliance.
- Do not touch the plug with wet or damp hands.
- Regularly check the plug and cord for any damage. Should the plug or cord be damaged have it/them repaired by a certified repair company.
- Do not use the appliance after it has fallen or is damaged in any other way. Have it checked and repaired, if necessary, by a certified repair company.
- Do not try to repair the appliance yourself. This could give rise to life-threatening situations.
- Make sure the cord does not come in contact with sharp or hot objects and keep it away from open fire. To pull the plug out of the socket, always pull on the plug and not on the cord.
- Make sure that no one can accidentally pull the cord (or extension cord) loose or trip over the cord.
- Always keep an eye on the appliance when in use.
- Children do not understand that incorrect use of electrical appliances can be dangerous. Therefore, never let children use home appliances without supervision.
- Always pull the plug out of the socket when the appliance is not being used and always before cleaning.
- Warning! As long as the plug is in the socket the appliance is connected to the power source.
- Turn off the appliance before pulling the plug out of the socket.
- Never carry the appliance by the cord.
- Do not use any extra devices that are not supplied along with the appliance.

- Only connect the appliance to an electrical outlet with the voltage and frequency mentioned on the appliance label.
- Avoid overloading.
- Connect the power plug to a easily accessible electrical outlet so that in case of emergency the appliance can be unplugged immediately. Pull the power plug out of the electrical outlet to completely switched off the appliance. Use the power plug as the disconnection device.
- Always turn the appliance off before disconnecting the power plug.”
- Turn off the appliance after use by removing the plug from the socket.
- Always remove the plug from the socket when filling or cleaning the appliance.
- The electrical installation must comply with the applicable national and local regulations.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by the children.
- Keep the appliance and its cord out of reach of children aged less than 8 years.
- Never use the accessories which are not recommended by the manufacturer. They could pose a safety risk to the user and might damage the appliance. Only use original parts and accessories.

---

## **Special safety regulations**

Warning: Liquids and other foods must not be heated in sealed containers since they are liable to explode.

- Never use this microwave without any food inside, it's very dangerous.
- This microwave is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp clothes and similar may lead to fire.
- This microwave should be cleaned regularly and any food deposits removed.
- This microwave is not to be operated by means of an external timer or separate remote control.”
- Do not attempt to operate this microwave with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.
- Do not place any object between the microwave front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- **WARNING:** If the door or door seals are damaged, the microwave must not be operated until it has been repaired by a certified technician.
- If the microwave isn't maintained in a good state of cleanliness, its surface could be degraded and affect the lifespan of the microwave and lead to dangerous situations.
- Check if the grease filter and air filter are properly installed before using the microwave.
- **Warning:** It is hazardous for anyone other than a certified technician to carry out any service or repair operation that involves the removal of a cover which gives protection against

exposure to microwave energy.

- Only use utensils suitable for use in microwaves.
- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- If smoke is observed, switch off or unplug the microwave and keep the door closed in order to stifle any flames.
- Do not use the oven cavity for storage purposes. Do not store items, such as bread, cookies, etc. inside the oven.
- Remove wire twist-ties and metal handles from paper or plastic containers/bags before placing them in the oven.
- Eggs in the shell and whole hard-boiled eggs should not be heated in microwaves since they may explode, even after microwave heating has ended.
- The temperature of accessible surfaces may be high when the microwave is operating.
- Warning: The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.
- Warning: Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.
- The microwave shall not be placed in a cabinet unless it has been tested in a cabinet.
- Microwaves are not intended to be operated by means of an external timer or separate remote-control system.
- The door or the outer surface may get hot when the microwave is operating.
- The ceramic board inside the microwave chamber can become hot, don't touch it after use to prevent the risk of burn wounds.
- Never press down on the ceramic board forcefully.
- Place items gently inside the microwave chamber otherwise the ceramic board might be damaged.
- Do not place objects on the top of the appliance. Allow at least 15 cm of free space from the top surface of the appliance.
- The lamp inside the appliance is used for lighting, this lamp is not used for room illumination.
- Can cause burns. The appliance will become hot when it is in use. Please make sure that you do not touch the heating elements in the cooking cavity.
- Can cause burns. Cookware can also be heated by the heated food. Therefore, always use potholders when you are removing cooked food from the appliance.
- Please ensure that the door closes properly when in use.

**DANGER Electric Shock Hazard** Touching some of the internal components can cause serious personal injury or death. Do not disassemble this microwave.

**WARNING Electric Shock Hazard** Improper use of the grounding can result in electric shock. Do not plug into an outlet until microwave is properly installed and grounded.

---

## Technical specifications

Model: DW3414-DE

Voltage: 230V~ 50Hz

Input power: 1900W

Output power: 1400W

Oven capacity: 34 liter

External dimensions: 553x488x(H)343 mm

Net weight: approximately 20,2 kg

---

## Grounding Installation

This microwave must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This microwave is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the microwave is properly grounded. If it is necessary to use an extension cord, use only a 3-wire extension cord.

---

## Utensils

There may be certain non-metalic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

Utensil Test:

Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question.

Cook on maximum power for 1 minute. Carefully feel the utensil. If the empty utensil is warm, do not use it for microwave cooking. Do not exceed 1-minute cooking time.

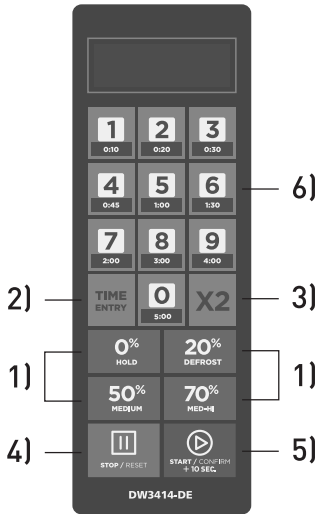
---

## Preparations before first use

- Remove all packing material and accessories.
- Examine the microwave for any damage such as dents or broken door. Do not install if the microwave is damaged.
- Remove any protective film found on the microwave cabinet surface.
- Clean the inside of the microwave with lukewarm water and a soft cloth.
- Clean the components.
- Place the microwave on a level surface.
- Keep an open space of at least 10 cm around the microwave and 30 cm from top to ensure proper ventilation.
- Do not place anything on top of the microwave.
- Position the microwave so that the plug can always be reached.
- Place the oven as far away from radios and TV as possible. Operation of microwave may cause interference to your radio or TV reception.

**Operation**

- 1) Different power level and defrost
- 2) Time Entry
- 3) Double quantity
- 4) Pause
- 5) Start
- 6) Number Keyboard



**Power Up**

When plug into the socket, --- will be shown on the display. It will disappear in 1 minute of inactivity. Then, the microwave will enter into the Idle Mode.

**Idle Mode**

During idle mode, the screen is blank and there will be no oven activity. Opening and then closing the oven door will activate the ready mode. The oven will enter idle mode after a minute of no use, The time it takes to activate idle mode can be changed with the 'user options' (Option 4, Timeout Window).

**Ready Mode**

Opening and closing the door while the oven is in Idle Mode will put the oven into Ready Mode. In this mode, the oven is ready to either begin a manual or preset cooking cycle. During Ready Mode, "READY" displays. From the Ready Mode, the oven can go to almost all of the other modes.

**Door Open Mode**

Door open mode is activated by opening the door. When the door was opened the program will be paused. During this mode, the screen is blank. And the fan and oven lamp work. When the oven was working

**Manual Entry**

Make sure the microwave is under "READY" mode. el button is set, the power will be default to 100%. Select the time with the **TIME ENTRY** button, the display will show "00:00", select the requested time with the number keyboard. After that, select the power level by pressing [0%/20%(Defrost)/50%/70%]. The display will show the selected power. If you press again the same power level button, the power will be back to set 100% power. Also, if no power level button is set, the power will be default to 100%. When everything is set, press the **START / CONFIRM** button, now the microwave will start operating. At the end of the cycle the display will show 'DONE' and beeps will be heard until the microwave is opened or the **STOP / RESET** button is pressed.

Pause Mode

This mode allows users to pause the cycle to inspect or stir the food. While the microwave is operating open the door or press the  button to pause the cycle. The display will show the remaining time.

To resume the cycle, close the door and press the  button. When nothing is done the microwave will go into idle mode.

Run program mode

This microwave comes with 10 preset programs. When the microwave is in 'ready mode' press one of the number keys and the microwave will run the program. Below you'll find the 10 preset programs.

When operating the microwave shows the remaining time in the display, when it's a multi-stage program the total remaining time will be displayed.

|                |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
| Button         | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 0    |
| Display (Time) | 0:10 | 0:20 | 0:30 | 0:45 | 1:00 | 1:30 | 2:00 | 3:00 | 4:00 | 5:00 |

Programming

This microwave can preset up to 99 programs. See and follow "User options - 9 Double digit" session for setting program no. from 10 to 99. Open the door, then press and hold number "1" on the number key-board for about 4 ~ 6 seconds, the buzzer will sound and the display will show 'PROGRAM' to indicate you entered program mode. Select the time with the **TIME ENTRY** button, the display will show "00:00", select the requested time with the number keyboard. After that, select the power level. Press the power level buttons [0%/20% (defrost) /50%/70%], the display will show the selected power. If you press again the same power level button, the power will be back to set 100% power . Also, if no power level button is set, the power will be default to 100%. After setting the time, power and press the 'start' button to save the program. The display will show 'PROGRAM'. Close the door to return to 'ready mode'. If you want to cancel during programming, press the 'pause' button and the oven will return to the 'door open' mode and the program won't be saved. Below a quick guide how to make a program of 1.25

minutes at 70% power:

- 1) Open the door and press number button '1' for 5 seconds, display will show 'PROGRAM'.
- 2) Press number button '3', display shows P:03. After 2 seconds the display will show the time related with the program ':30'.
- 3) Press the number buttons '1' '2' '5' to set the cooking time.
- 4) Press **70%** for the power level. The display will show '1:25 70'.
- 5) Press the  button. The program is now saved under number keyboard '3'.

To overwrite the program repeat the steps above.

Note: Total programming time is limited to 60 minutes only.

Note: When the cooking time exceeds the maximum time the microwave can operate (standard 60 minutes) three beeps will be sound. This means you need to adjust the time before the program can work.

Double quantity (X2)

This microwave is equipped with a function to calculate the amount of time needed when preparing a double quantity of food. Press the 'X2' button followed by the program and the microwave calculates

how long it will take to prepare a double or triple quantity" to "double the time you preset and start the process. This function can only be used in combination with a preset program.

---

## Multi stage cooking

This function can be used during manual entry or programming. The maximum number of stages is 3. To use this function first follow the steps under 'Manual entry'. After setting the time and power of the first stage press 'time entry' again, the display shows 'STAGE-2', now input the desired time and power. If a third stage is needed, press 'time entry' once more, the display will show 'STAGE-3', and input the desired time and power. Now press the 'start' button to start the microwave. Multi stage input is set in a same manner while in programming mode. Below an example of how this could work:

- 1) Open the door, then press and hold number "1" on the number keyboard for 4 ~ 6 seconds, display will show 'PROGRAM'.
- 2) Press number button '3', display shows P:03. After 2 seconds the display will show the time related with the program (standard ':30').

- 3) Press the number buttons '1' '2' '5' to set the cooking time.
- 4) Press **70%**  
MED-H for the power level of stage 1. The display will show '1:25 70'.
- 5) To set the second stage press 'time entry' button, the display will show 'STAGE-2'.
- 6) Press the number buttons '3' '3' '0' to input the time.
- 7) Press **50%**  
MED-L for the power of stage 2. The display will show '3:30 50'.
- 8) Press the  button. The multi stage program is now saved under button '3'.

Note: Total cooking time is limited to 60 minutes only.

Note: When multi stage cooking is active the microwave shows the total time remaining of all stages.

---

## Return to factory settings

To return the microwave back to the factory settings press and hold the  and '0' button until the buzzer sounds, the display will show 'CHECK'. When the microwave restored the factory settings the display will show '11'. If returning to the factory

settings failed the display will show '00', press  button and the display will now show 'CLEAR' and the buzzer will sound once, after a check the display will either show '11' or '00'.

---

## User options

This microwave allows the user to change some options. To change first start by opening the door and press '2' for 5 seconds, the display will show 'OP:--'. Press the number button related with what needs to be changed, for example '2'. Now the display shows 'OP:22', keep pressing '2' until the desired setting is displayed 'OP:20'/'OP:21'/'OP:22' (it cycles through

these options). To set the desired setting press . Now the change is saved. During changing the options you can cancel this by pressing . The change won't be saved and the microwave will return to 'door open mode'. Below an list of the options that can be changes, bold printed items are the preset options.

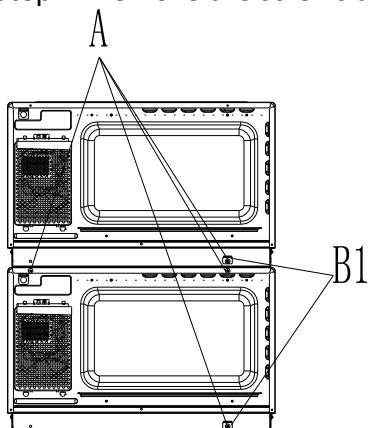
| Option               | Setting | Description                     |
|----------------------|---------|---------------------------------|
| 1 EOC Tone           | OP:10   | 3 seconds beep                  |
|                      | OP:11   | Continuous beep                 |
|                      | OP:12   | 5 quick beeps, repeating        |
| 2 Beeper Volume      | OP:20   | Beeper Off                      |
|                      | OP:21   | Low                             |
|                      | OP:22   | Medium                          |
|                      | OP:23   | High                            |
| 3 Beeper On/Off      | OP:30   | Key beep Off                    |
|                      | OP:31   | Key beep On                     |
| 4 Keyboard Window    | OP:40   | 15 seconds                      |
|                      | OP:41   | 30 seconds                      |
|                      | OP:42   | 60 seconds                      |
|                      | OP:43   | 120 seconds                     |
| 5 On the Fly         | OP:50   | On-the-Fly Disable              |
|                      | OP:51   | On-the-Fly Enable               |
| 6 Door Reset         | OP:60   | Door reset Disable              |
|                      | OP:61   | Door Reset Enable               |
| 7 Max time           | OP:70   | 60 Minute Maximum Cook Time     |
|                      | OP:71   | 10 Minute Maximum Cook Time     |
| 8 Manual Programming | OP:80   | Manual Programming Disable      |
|                      | OP:81   | Manual Programming Enable       |
| 9 Double Digit       | OP:90   | Single Digit Mode (10 programs) |
|                      | OP:91   | Double Digit Mode (99 programs) |

## Cleaning and maintenance

- Always remove the plug from the socket before cleaning the microwave.
- Beware: Never immerse the microwave in water or any other liquid!
- Clean the outside of the microwave with a damp cloth and water with mild detergent. And dry afterwards.
- Clean the inside and door with a damp cloth and water with mild detergent to remove all food and grease build up.
- Remove any spillage right after each use. Not cleaning can result in burnt stains and bad smells.
- Keep the sealing gaskets on the door clean, clean them regularly with a wet cloth and water with a mild detergent.
- Never use aggressive cleaning agents or abrasives. Do not use any sharp or pointed objects. Do not use petrol or solvents! Clean with a damp cloth and detergent if necessary. Do not use abrasive materials.
- Clean the grease and air filter regularly, the microwave might overheat when this isn't done properly or food will get contaminated with grease.

## Stacking installation

Step A: Remove the screws at the back of oven.

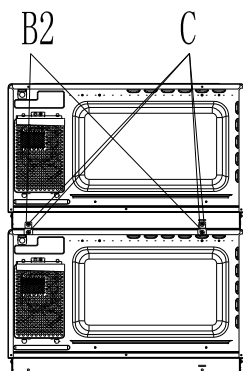


Step B: Move the mounting plates from B1 position to B2 position, put the mounting plates against screw hole in the rear of microwave oven back plates, mount the plate with screws, as shown C in the drawing.

Note: Do not stack the microwave ovens more than two layers, it is unsafe to stack more than two layers.



mounting plate



## Trouble shooting

The following events can be considered as normal effects of working with this microwave.

- Radio and TV reception may be interfered when the microwave is operating.
- The light of the oven might be dimmed when operating.
- During heating steam can come from the food and can accumulate on the cooler parts of the microwave like for instance on the door.

| Trouble                                                         | Possible cause                                               | Solution                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Microwave doesn't start working                                 | Power cord not plugged in correctly.                         | Check if the power cord is plugged in correctly.                                                                                                                                                                                                             |
|                                                                 | Fuse blown or circuit breaker active.                        | Replace fuse or reset circuit breaker. If not sure how to do this contact your supplier.                                                                                                                                                                     |
|                                                                 | Power outlet defective                                       | Test outlet with other appliance and check circuit breaker.                                                                                                                                                                                                  |
| Oven doesn't heat                                               | Door not closed correctly                                    | Check the door if it closes properly, if it can't be closed properly contact your supplier.                                                                                                                                                                  |
| The display shows 'E-01' or 'E-02'                              | Temperature sensor broken                                    | Unplug the microwave from the power outlet and wait 10 seconds before plugging the power cord back in. If the problems isn't solved after this contact your supplier.                                                                                        |
| The display shows 'OVEN IS HOT DO NOT OPEN THE DOOR'            | Warning is activated by the high temperature in the chamber. | Wait 3 minutes, the microwave will cool down. Check if the vents are clear. Never use the microwave without food in it, don't overheat food. If the problem isn't solved after these steps contact your supplier.                                            |
| Light and fan make noise when the microwave finished operating. | High temperatures.                                           | This is normal, the lamp and fan stop when the microwave has cooled down enough. If they don't stop working unplug the microwave from the power socket and wait 10 seconds before plugging back in. If this doesn't solve the problem contact your supplier. |

---

### **Discarding & Environment**

At the end of the life of the appliance, please dispose of the appliance according to the regulations and guidelines applicable at the time. Throw packing materials like plastic and boxes in the appropriate containers.