Bartscher

18180D

610839

Version: 1.0
Date of preparation: 2021-11-03

Bartscher

Original instruction manual

	Read this instruction manual before using and keep it available at all times!

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms and integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

1 Safety

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This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

1.1 Explanation of Signal Words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.

⚠ **DANGER!**

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.

⚠ WARNING!

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.

⚠ CAUTION!

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

IMPORTANT!

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

NOTE!

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

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1.2 Safety instructions

Electrical Current

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.

- Always completely unwind the power cord.
- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.

Flammable Materials

- Never subject the appliance to contact with high temperature sources, e.g.: oven, furnace, open flame, heat generating devices, etc.
- To avoid fire hazard, clean the appliance regularly.
- Do not cover the appliance with, e.g., aluminium foil or cloths.
- Use the appliance only with materials designated to this end and with correct temperature settings. Materials, groceries and left-overs remaining in the appliance may catch fire.
- Never use the appliance near flammable or inflammable materials, e.g.: petrol, spirit, alcohol, etc. High temperature triggers evaporation of these materials, and, as a result of contact with sources of ignition, an explosion may occur.
- In case of fire, disconnect the appliance from the power supply before attempting suitable fire-extinguishing actions.
- Never attempt to extinguish fire with water if the appliance is connected to the power supply. Following extinction of fire, ensure sufficient fresh air inflow.

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Fire or Explosion Hazard

- Do not place any objects inside the appliance (cookbooks, sponges, etc.). Sudden activation of the appliance can cause damage to such objects, and even burn them.
- When heating or cooking food products in containers from flammable materials such as plastic or paper, remain near the appliance as there is a risk of the appliance overheating.
- If objects in the device catch fire, leave the door closed, turn the appliance off and remove the plug from its socket orR flip the main circuit breaker switch.
- Do not use metallic pots, pans or covers. Metal may lead to sparks in the cooking chamber. Use only dishes resistant to high temperatures, designed for use in microwave ovens (see sec. 5.3). Risk of fire!
- Do not prepare food products and beverages in closed or sealed containers. Such containers may crack inside the device or injure the user when being opened!

- Do not use the appliance for preparation of fresh or hard-boiled eggs, either in shell or peeled, as eggs may explode.
- Food products with thick skins, such as potatoes, pumpkins, apples or chestnuts, should be pierced prior to heating.
- Do not place solutions inside containing water, oil or grease, as such a mixture may explode.

Microwave Radiation Hazard!

Exposure to microwave radiation may cause bodily injury. To avoid the effects of this risk, follow the safety instructions presented below:

- Do not turn the microwave oven on when the door is open, as the appliance may emit an excess of damaging electromagnetic waves.
- Never change the safety locks!
- It is extremely important to not damage the door and that it can be closed properly. Example of damage to the door which may be unsafe include the following:
    – warping and indentations,
    – cracked and/or properly secured hinges and screws,
    – damaged door seals,
    – cracked glass pane,
    – damaged locking elements.

- The space between the door and the appliance must be free of foreign objects.
- Door seals must be tight and clean, as dirt and damage may allow electromagnetic waves to escape from the microwave oven. Take care to prevent buildup of any residues (e.g. cleaning agents, dust, grease, etc.).

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Safety of Microwave Oven Operation

- Do not fry any food products in the appliance. Hot oil can lead to skin burns and/or damage to the appliance.

- Food products prepared in the appliance are heated unevenly. Also, containers are usually hotter than the food products inside. Carefully check the temperature of food products, especially those prepared for children. Risk of burns!

- During the heating of liquids in the microwave oven it is possible that the liquid may reach boiling temperature without externally visible bubbling. For this reason, special care must be taken when handling the container. Even a light bump, e.g. when removing the liquid from the device, may lead to spillage. Risk of burns!

- For that reason avoid using tall, narrow containers with a thin neck.

- Place a spoon (only in exceptional cases use a metallic one) or glass stirrer in the beverage, then place the dish in the center of the rotating tray. Stir the liquid prior to heating and after half the heating time has elapsed. After heating: wait for a moment, carefully stir the liquid, then remove from the cooking chamber.

- As food prepared in the microwave is heated unevenly, the contents of children's bottles must be mixed thoroughly - optimally by shaking – then, before giving the bottle to the child, check the temperature of the food. **Prior to heating food remove the bottle cap and nipple!**

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Operating personnel

- The appliance can be used by children of 8 years old and older, as well as by people with reduced physical, sensory or mental abilities and those with limited experience/knowledge as long as they are under supervision or have been instructed on safe use of the appliance and possible risks. Children should not play with the appliance.
- Do not leave the appliance unattended in the presence of children.

- Cleaning and user maintenance may not be performed by children.
- Children that are 8 or younger may not get close to the appliance nor the power cord.

Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.

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1.3   Intended Use

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

– heating-up and defrosting foods with the use of suitable cookware.

This appliance is intended for use in households and similar places, e.g.:

– in employee canteens in shops, offices, and similar areas;
– on farms;
– by customers in hotels, motels, and other typical accommodation establishments;
– in lodging-houses.

1.4   Unintended Use

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An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

– for industrial and laboratory needs,
– as a storage compartment (e.g., for cookware/dishes),
– drying paper, textiles or other flammable materials,
– heating/heating up flammable, harmful, and quickly evaporating liquids or materials, etc.

2 General information

2.1 Liability and Warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

2.2 Copyright Protection

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This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

2.3 Declaration of Conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.

3 Transport, Packaging and Storage

3.1 Delivery Check

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint. Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

3.2 Packaging

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

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When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

3.3 Storage

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

– in closed rooms;
– in dry and dust-free surrounding;
– away from aggressive agents;
– in a location protected against sunlight;
– in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

4 Technical Data

4.1 Technical Specifications

Name:	**Microwave 18180D**
Art. No.:	**610839**
Material:	stainless steel
Thermal processing chamber material:	stainless steel, ceramic
Chamber dimensions (W x D x H), in mm:	330 x 310 x 175
Volume, in l:	18
Microwave output, in W:	1800
Number of magnetrons:	2
Number of power output levels:	10
Programs for setting:	30
Time setting, up to, in min.:	60
Connected load:	2,8 kW | 230 V | 50 Hz
Dimensions (W x D x H), in mm:	420 x 540 x 338
Weight, in kg:	18,0

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We reserve the right to implement technical modifications.

Version / Characteristics

- Functions: defrosting, heating-up
- Control: touch
- Digital timer
- Internal lighting
- Digital display
- Touch keys
- USB memory (optional)
- Stackable

4.2 List of Components of the Appliance
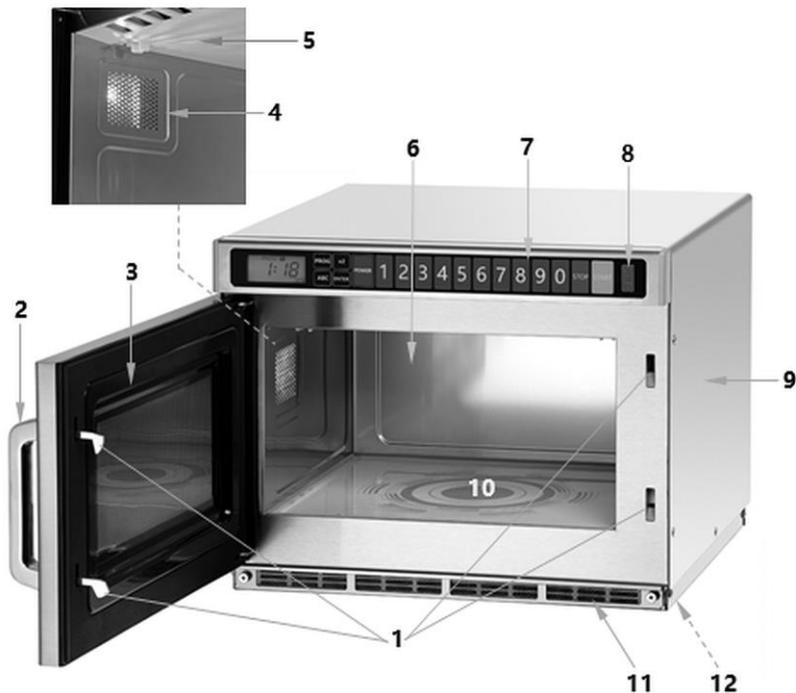
Fig. 1

1. Door safety lock system
2. Door handle
3. Door with sight glass
4. Internal lighting
5. Splash guard
6. Thermal processing chamber
7. Control panel
8. USB connection
9. Housing
10. Ceramic base plate
11. Filter
12. Feet (4 pcs)

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4.3   Functions of the Appliance

The 1,800 W microwave unit featuring 2 magnetrons, timer and 30 available program settings is designed for heating up and defrosting foods with the used cookware suitable for use in microwave units. With the use of suitable touch keys you may set output and time, as required for a given dish.

5   Installation and operation

5.1   Installation

Unpacking / Positioning

• Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.

⚠ **CAUTION!**

Choking hazard!

   Prevent children from accessing package materials, for instance: plastic bags and EPS.

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• If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
• Be careful not to damage the rating plate and warning labels fixed on the appliance.
• **Never** place the appliance in humid or wet environment.
• Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
• The appliance should be placed on surfaces that are:
    – even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
    – sufficiently large, and thus enabling usage of the appliance with no problems;
    – easily accessible;
    – well ventilated.
• Maintain sufficient clearance from table edges. The appliance might turn over and fall down.

- To ensure proper functioning, the device must have sufficient ventilation.
- Never block the ventilation ducts!
- It is necessary to maintain the following safe distances:
    – above the device: 20 cm
    – at rear of device: 10 cm
    – at sides of device: 5 cm.

- The device must remain a minimum distance of 2 m from radios, televisions, and other such electronics in order to avoid interference with the signal reception.

Adaptation for Stacking 2 Appliances

Units of the appliance may be stacked. The maximum stack height is two units of the appliance.

The special installation of stacked units is as follows:

1. Remove 6 screws (a), as presented in the figure below.

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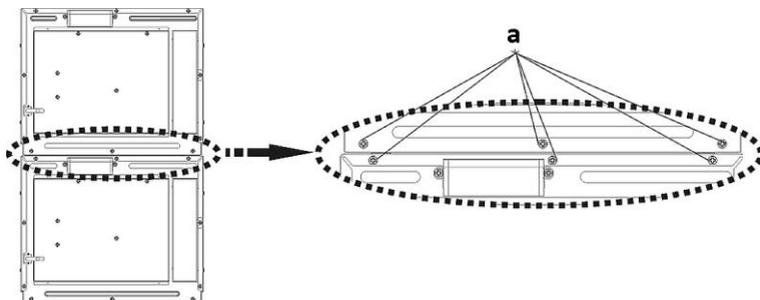
Fig. 2

2. Fix the connection plate (b)between both units and align respective screw holes with openings in the connection plate.
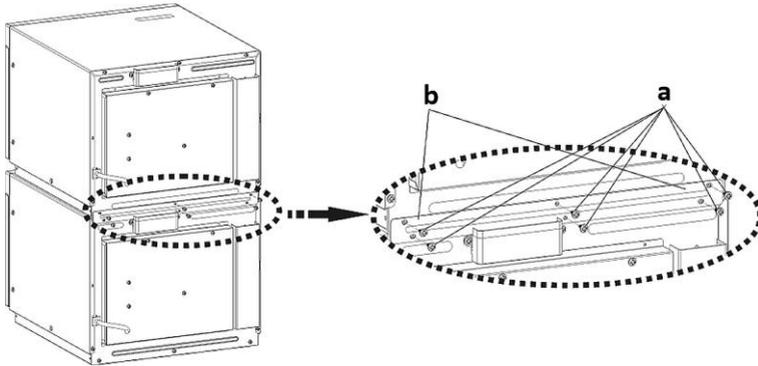

Fig. 3

3. Put 6 screws (a) back in their original positions and tighten them.
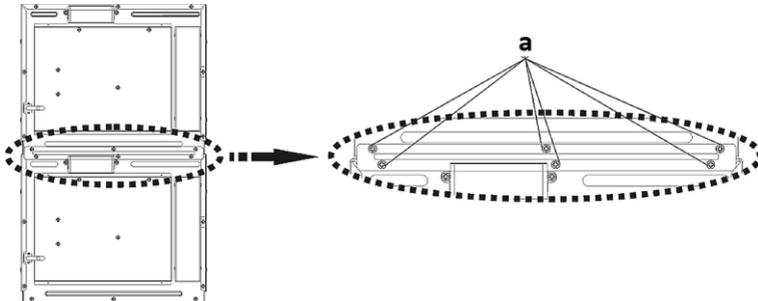
Fig. 4

**Power supply connection**

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.

5.2 Basics of Thermal Processing in Microwave

Instead of traditional heat sources, a microwave oven applies an electron lamp which emits electromagnetic waves. These waves, like radio waves, are invisible but their effects can be observed. Such waves can pass through materials such as glass, porcelain, artificial materials and paper. As these materials do not contain water, grease or oil, they are not heated by the microwaves. Simply put, the microwaves directly reach the food product, causing molecules of water, grease and oil to vibrate; friction results in the creation of heat which is used for defrosting, heating or cooking. During cooking with microwaves, heat remains inside the product being prepared, in opposition to the processes of boiling or grilling in which heat enters the food from the outside. If the device is not damaged, energy created by the microwaves remains inside the device and does not pose a threat to the user.

- Carefully place food products to be cooked inside the microwave oven, with larger pieces at the outer edges.
- Remember the cooking time. It is best to at first set the shortest possible time and then lenghten cooking time as necessary. Excessive cooking time may cause the food product to smoke or catch fire.
- Cover food products during cooking. This will ensure even cooking and prevent splattering.
- Turn food products over while cooking. This will speed up the process of cooking such products as chicken or hamburgers. Large products, such as a roast, should be turned over at least once.
- Such dishes as dumplings should, after half of the cooking time has elapsed, be turned over, moved from the top to bottom, moved from the outside to the inside, etc.

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5.3 Cookware Suitable for Use in Microwave

- Check that a dish is suitable to be used in a microwave.

  Test: place the empty dish together with a glass of water (never activate the device when empty or with only an empty container inside), then heat at the highest power level for 60 seconds. An appropriate dish will be lukewarm. If the dish is hot, it is not appropriate for use in the microwave.

  Proper materials for dishes for the microwave allow microwaves to pass through. Energy goes through the container and heats the food product.

- Do not use metallic containers or containers containing metallic parts (e.g. gold strips around the edge of a plate). Microwaves do not pass through metal.

- Do not use products from recycled materials, as they may contain small pieces of metal. If such containers are used, sparks and even fire may result.
- Dishes of oval and round shapes should be used, as food products cook more quickly in the corners of square-shaped containers.
- Wide, flat containers are best suited to use in the microwave as compared to narrow and tall ones. Food products cook evenly in flat dishes.
- To avoid food from baking onto the edge of dishes, you may cover the edges with thin strips of aluminum foil. Do not use too much aluminum foil, and leave a minimum distance of 2.5 to 3.0 cm between the foil and walls of the microwave cooking chamber.

Information in the below table may be helpful in selecting the right cookware:

Cookware piece	Microwave unit operation
Oven-proof glass, ceramics, chinaware	yes
Non oven-proof glass, ceramics, chinaware	no
Oven-proof glass ceramics	yes
Plastic cookware suitable for microwave units	yes
Paper towels	yes
Metal cookware or cookware with metal elements (e.g. gold-plated rim)	no
Aluminium film and aluminium film container	no

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5.4 Operation

Before Use

1. Empty the thermal processing chamber.
2. Before use, clean the appliance, observing instructions in section **6 'Cleaning'**.
3. Leave the door open for the chamber to dry completely.

Indications for User

- With first connection, all indicators are displayed in the digital display for 2 seconds and an audible signal sounds. Next, the appliance switches back to the Standby mode and the digital display shows '0'.
- During the setting up process, the appliance returns to the Standby mode after approx. 1 minute.
- If during thermal processing, STOP key is pressed once or door is open, the appliance stops the current thermal processing program. To continue with the thermal processing program, close the appliance door and press START key again.
- If during the pause, STOP key is pressed once, the thermal processing program is cancelled.
- When the thermal processing is finished, '0000' is shown in the digital display, and a sound signal is emitted every two minutes until the user opens the door.
- If the thermal processing program was set in the microwave unit manually, the digital display shows total time for all stages of the thermal processing in the final thermal processing program, the symbol of the first processing stage and the symbol of the number of the thermal processing, which is concurrent with the given thermal processing program.
- Electronic control system of the microwave unit features the cooling option. When the thermal processing is finished or following a pause, the appliance fan operates automatically for approx. 1 minute to cool the electronic circuits and extend the appliance life.

Messages and Key Functions
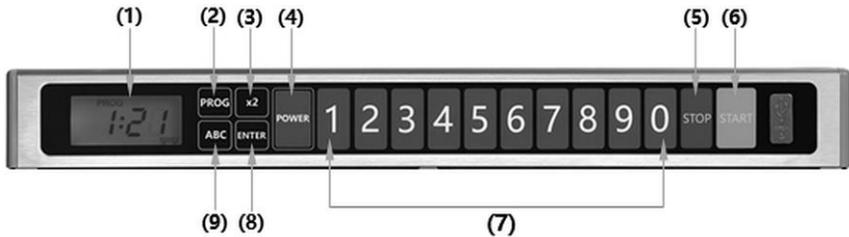
Fig. 5

(1) Digital display

The digital display shows the set thermal processing time, power output level, selected programs/thermal processing steps, options and current mode.

(2) PROG key

For saving thermal processing programs, memory lock, lamp, etc.

(3) Key x2

By pressing this key you may extend or shorten the thermal processing time.

(4) POWER key

By pressing this key you may set the required power output level.

(5) STOP key

This key is used for interrupting or reversing the executed thermal processing program: press once to interrupt temporarily the thermal processing program; press twice to cancel the entire process.

With this key you may also set the child safety lock.

(6) START key

Pressing of this key activates the thermal processing program, and settings in the programming mode are saved.

(7) Numpad keys (10)

These keys are used for setting time and selecting thermal processing program

(8) ENTER key

When pressed, the key allows for saving entered settings.

(9) ABC key

For selection of programmed thermal processing programs

Messages

① Thermal processing with x2 function

② Programming of the thermal processing

③ Thermal processing stages

④ Selected power output levels
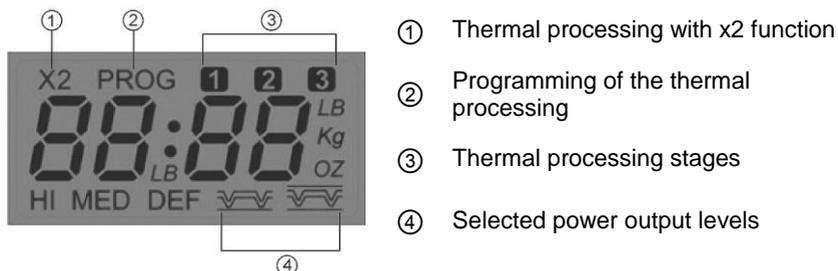
Fig. 6

Warning Indications

⚠️ **WARNING**

Risk of scalding!
Heated foods and the used cookware and appliance surfaces may become very hot.

Use protective oven mitts to remove containers with food.

⚠️ **CAUTION!**

Risk of incineration!

Observe the appliance especially with high output levels.

Reduce the output in the case of abnormal noises, pouring or bubbling of liquids.

Appliance Start-up

1. Plug the appliance into a suitable single socket.

When the unit is connected for the first time, the digital display shows all indicators (functions, thermal processing stages, power output levels, thermal processing times, etc.); next, no values are shown.

2. Press STOP key (5).

The appliance switches to the Standby mode.

> **NOTE!**
>
> **No settings may be made in the Standby mode.**

Thermal Processing in Microwave Unit

> **NOTE!**
>
> **The 1–0 numpad keys are programmed by factory default according to the below table.**

Key (program)	Thermal processing time	Power output	Key (program)	Thermal processing time	Power output
1 (A-01)	10 sec.	100%	6 (A-06)	60 sec.	100%
2 (A-02)	20 sec.	100%	7 (A-07)	70 sec.	100%
3 (A-03)	30 sec.	100%	8 (A-08)	80 sec.	100%
4 (A-04)	40 sec.	100%	9 (A-09)	90 sec.	100%
5 (A-05)	50 sec.	100%	0 (A-10)	100 sec.	100%

Tab. 1

> **NOTE!**
>
> **To select one of the factory default programmed thermal processing programs (A-01 – A-10), press the right numpad key, and the thermal processing program starts with the saved data.**

Setting Thermal Processing Stages

For one thermal processing program you may set and save up to 3 automatic thermal processing stages. Enter settings in the following way:

1. Open the appliance door in the Standby mode.
2. Place food in the thermal processing chamber.
3. Close the appliance door.

4. Set the 1st stage of the thermal processing program:
   - press POWER key repeatedly to select the power output level (Tab. 2);
   - next, set the thermal processing time using numpad keys;
   - press ENTER key to save the setting.
5. Set the 2nd stage of the thermal processing program:
   - press POWER key repeatedly to select the power output level;
   - set the thermal processing time using numpad keys;
   - press ENTER key to save the setting.
6. Set the 3rd stage of the thermal processing program:
   - press POWER key repeatedly to select the power output level;
   - set the thermal processing time using numpad keys;
   - press ENTER key to save the setting.
7. Close the appliance door.
8. Press START key to start the set thermal processing program.

To select the power output level, press POWER key repeatedly:

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Pressing POWER key	Power output (display)	Pressing POWER key	Power output (display)
1 time	100% (P 10)	7 times	40% (P 04)
2 times	90% (P 09)	8 times	30% (P 03)
3 times	80% (P 08)	9 times	20% (P 02)
4 times	70% (P 07)	10 times	10% (P 01)
5 times	60% (P 06)	11 times	0% (P 00)
6 times	50% (P 05)		

Tab. 2

NOTE!

During the thermal processing, total of three thermal processing times are counted down on the digital display.

To check the power output level setting, press POWER key.

In the 1st stage of thermal processing, the ■1 indicator blinks, and the ■2 and ■3 indicators are lit constantly.

In the 2nd stage of thermal processing, the ■1 indicator goes off, the ■2 indicator blinks, and the ■3 indicator is lit constantly.

In the 3rd stage of thermal processing, the ▮1 and ▮2 indicators are off and the ▮3 indicator blinks.

9. When the thermal processing time elapses, open the appliance door and take out the ready food.
10. Place more food in the thermal processing chamber, close the appliance door and press START key to start the selected thermal processing program, or STOP key to return to the Standby mode.

Maximum Thermal Processing Time

The maximum thermal processing time of P 10 for individual processing stage is 15 minutes, and maximum total thermal processing time for all three stages is 25 minutes.

The maximum thermal processing time that may be set for individual stages of P 09 – P 00 is 60 minutes, and the maximum thermal processing time that may be set for three stages is 3 hours.

If the set thermal processing time is outside the allowable limits, you cannot move to the subsequent thermal processing stage through pressing POWER key.

Also, through pressing of START key you cannot start the thermal processing.

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Automatic Thermal Processing

You may program and save 20 subsequent thermal processing programs. To program, proceed as described below.

Setting B-01 – B-10 / C-01 – C-10 Thermal Processing Programs

For example: setting B-01 thermal processing program.

1. Open the appliance door in the Standby mode.
2. Press PROG key once.
3. Press ABC key once (for C thermal processing programs, press ABC key twice).
4. Press the numpad key 1 once.
5. Press POWER key repeatedly to set the power output level.
6. Use numpad keys to set the thermal processing time.
7. Press ENTER key once.

NOTE!

To set the 2nd and 3rd stage of the thermal processing, repeat steps 5 and 6.

Starting Thermal Processing Programs

For example: starting A-04 thermal processing program.

1. Open the appliance door in the Standby mode, put food in the thermal processing chamber and close the appliance door.
2. Press the numpad key 4 once.
3. Press START key once.

For example: starting B-04 thermal processing program.

1. Open the appliance door in the Standby mode, put food in the thermal processing chamber and close the appliance door.
2. Press ABC key once (for C thermal processing programs, press ABC key twice).
3. Press the numpad key 4 once.
4. Press START key once.

NOTE!

If the memory is locked, press numpad keys to select the menu.

If no setting is introduced for 2 seconds, the thermal processing program will start automatically.

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Cancelling Thermal Processing Program Data

For example: cancelling B-01 thermal processing program data.

1. Open the appliance door in the Standby mode.
2. Press PROG key once.
3. Press ABC key once.
4. Press the numpad key 1 once.
5. Press POWER key repeatedly to select the power output level.
6. Press STOP key once.

x2 Function

The thermal processing time of programs/stages may be extended or shortened depending on the setting of x2 key. The x2 function is by factory default set to 2.0.

Example: Execution of B-04 thermal processing program with x2 function doubled time.

1. Open the appliance door in the Standby mode, put food in the thermal processing chamber and close the appliance door.
2. Press x2 key once.
3. Press ABC key once.
4. Press the numpad key 4 once.
5. Press START key to start the thermal processing program.

NOTE!

If A thermal processing programs are to be executed, you may press numpad keys directly, to start the menu following step 2.

If C thermal processing programs are to be set, press ABC key once again following step 3.

If the memory is locked, press numpad keys to select the menu.

If no key is pressed for 2 seconds, the system will start automatically.

If, with the use of x2 function, the thermal processing time exceeds the allowable settings limit, the system may not start the thermal processing through pressing of START key.

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Setting Extension/Shortening of Thermal Processing Time

The thermal processing time may be changed with the memory setting; the modification range is 0.1–3.0x.

For example: Setting the B-04 thermal processing program to 1.8x.

1. Open the appliance door in the Standby mode, put food in the thermal processing chamber and close the appliance door.
2. Press PROG key once.
3. Press ABC key once.
4. Press the numpad key 4 once.
5. Press x2 key once.
6. Press numpad keys 1 and 8 one after another.
7. Press ENTER key to confirm the setting.

Control Function

This function is used as a user's reminder to check components of the appliance.

When the number reaches the value of 100,000, the 'CHEC' message blinks after each new use.

The 'CHEC' message may be acknowledge the following way:

> 1. Open the appliance door in the Standby mode.
> 2. Press and hold START key, and press the numpad key 4 once.

NOTE!

After a pause in the thermal processing, the system will register the new thermal processing.

Checking Operation Times

With this function, you may check operation times of the appliance.

When the number of operation times amounts to 10, the displayed number is increased by 1. When the number of times reaches the value of 100,000 times, the information is accompanied with symbols of multi-stage thermal processing ('1',
'2' and '3') in the capacity of the highest number of times.

When, for example, the number of uses amounts to 100,000 times, the digital display shows '1' and '0000'.

> 1. Open the appliance door in the Standby mode.
> 2. Press and hold START key, and press POWER key once.
> 3. Press STOP key to return to the Standby mode.

Checking Memory Information

Pieces of information in the memory include: information about ABC menu, buzzer settings, memory lock status, CHEC times, appliance lighting settings.

Checking ABC Menu Information

For example: Checking B-04 menu information:

1. Open the appliance door in the Standby mode.
2. Press and hold START key, and press the numpad key 1 once.
3. Press ABC key once.
4. Press the numpad key 4 once.
5. Press ENTER key once.

The digital display shows 'PROG', '1' and 'P10'.

3 seconds later the digital display shows 'PROG', '1' and '2:00'.

3 seconds later the digital display shows 'PROG', '2' and 'P00'.

3 seconds later the digital display shows 'PROG', '2' and '00:00'.

3 seconds later the digital display shows 'PROG', '**3**' and 'P00'.

3 seconds later the digital display shows 'PROG', '**3**' and '00:00'.

3 seconds later the digital display shows 'PROG' and '2 18'.

3 seconds later the system returns to the Standby mode.

Checking Another Memory Information

1. Open the appliance door in the Standby mode.
2. Press and hold START key, and press the numpad key 2 once.

The digital display shows 'PROG' and 'P'.

3 seconds later the digital display shows 'PROG', ' ' and 'L R1'.

3 seconds later the digital display shows 'PROG', ' ' and 'b F1'.

3 seconds later the digital display shows 'PROG' and 'P o1'.

3 seconds later the digital display shows 'PROG', '**1**' and '0000'.

3 seconds later the system returns to the Standby mode.

Memory Function Setting

The memory function includes: memory settings lock, lighting setting, buzzer setting, energy saving mode setting and factory and factory settings reset.

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Memory Settings Lock Function:

1. Open the appliance door in the Standby mode.
2. Touch and hold PROG key for 3 seconds.
3. Press the numpad key 1, to select the lock state (PL) or unlock state (P).
4. Press ENTER key once.
5. Press STOP key once to return to the Standby mode.
   NOTE!
   If the memory jest reset to locked status, the system may execute the menu and x2 function automatically, without pressing START key. Press one of the numpad keys to select the required thermal processing program, and the system starts automatically after 2 seconds.
   The factory default setting is 'P'.

Lighting setting function:

1. Open the appliance door in the Standby mode.
2. Touch and hold PROG key for 3 seconds.
3. Press the numpad key 2 to select the lighting ON (LR1) or lighting OFF (LR2).

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4. Press ENTER key once.
5. Press STOP key once to return to the Standby mode.

NOTE!

The factory default setting is 'LR1', and the lighting is ON, when the appliance door is open.

Buzzer setting function:

1. Open the appliance door in the Standby mode.
2. Touch and hold PROG key for 3 seconds.
3. Press the numpad key 3 to select the high (bF1), medium (bF2) or low (bF3) volume.
4. Press ENTER key once.
5. Press STOP key once to return to the Standby mode.

NOTE!

The factory default setting is 'bF1'.

Function for Energy Saving Mode Setting

1. Open the appliance door in the Standby mode.
2. Touch and hold PROG key for 3 seconds.
3. Press POWER key to select one of the settings: Po1→Po2→Po3→Po4.
4. Press ENTER key once.
5. Press STOP key once to return to the Standby mode.

NOTE!

Po1: In the Standby mode the system returns to the Standby mode if no operation actions are performed for 1 minute; with Po2: after 2 minutes, with Po3: after 3 minutes, with Po4: the appliance does not switch to the energy saving mode.

If the appliance door is opened in the Standby mode and no operation actions will be performed for 15 minutes, the appliance will switch to energy saving mode.

The factory default setting is 'Po1'.

Factory Settings Reset

1. Open the appliance door in the Standby mode.
2. Touch and hold PROG key for 3 seconds.
3. Press the numpad key 0 once.
4. Press ENTER key once.
5. Press STOP key once to return to the Standby mode.

Child Safety Lock

The safety lock prevents children from unintentional operation.

1. To set the child safety lock on, press and hold STOP key for 3 seconds in the Standby mode.

The appliance switches automatically to the child safety lock mode. The safety lock indicator light is on. In the locked state, all keys are deactivated.

2. To set the child safety lock off, press and hold STOP key for 3 seconds in the Safety Lock mode.

The appliance switches back to the Standby mode and the digital display shows '0'. All key functions are active again.

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6 Cleaning

6.1 Safety Instructions for Cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

6.2 Cleaning

1. Clean the appliance regularly after the end of each working day, or more frequently if needed.

   ATTENTION!

   To protect elements inside the appliance against damages, do not allow water to enter the appliance through ventilation openings.

Thermal Processing Chamber and Appliance Door

1. Remove any food and beverage splatters on internal walls of the appliance and the ceramic bottom with warm water and a soft cloth. With extensive soiling you may use a mild cleaning agent.
2. To remove the entire soiling, wipe the internal side of the appliance door, door seals and neighbouring elements with a damp cloth.
3. If condense water collects on the internal side of the door, remove it with a soft cloth.

Condensed water is collecting when the appliance is used in conditions of high air humidity. The phenomenon of water condensing is normal.

4. To remove odours from inside of the appliance, place a container suitable for use with microwave units filled with a cup of water, and one lemon juice and peel in the microwave unit for approx. 10 minutes at full power output. Then wipe the thermal processing chamber with a soft, dry cloth.
5. After cleaning of the thermal processing chamber, leave the appliance door open until the appliance dries completely.

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Housing and Control Panel

> **NOTE!**
> **Leave the appliance door open to avoid accidental switching on.**

1. Wipe the housing and control panel with a soft, damp cloth only.

Filter

1. Periodically clean the filter located in front section of the appliance.
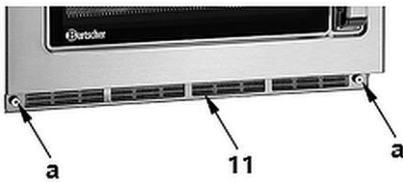
Fig. 7

2. Undo right and left hand side screws (a) by rotating them counter-clockwise.
3. Remove the filter (11).
4. Clean the filter (11) in warm water with a mild cleaning agent.
5. Rinse the filter (11) in fresh water and disinfect.

6. Leave the filter (11) to dry in open air and dry it thoroughly with a soft cloth.
7. Place the filter (11) back in its original location.
8. Next, fix the filter (11) with screws (a) at the right and left hand side of the appliance.
9. Before you use the appliance, always make sure the filter is installed.

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Upper Splash Guard

1. Clean the splash guard regularly.
2. Remove the splash guard for cleaning.
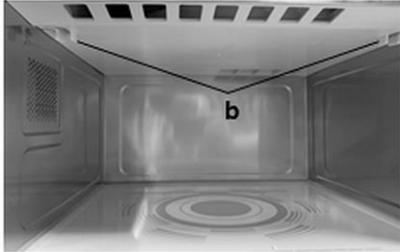
Proceed the following way:

– Press both levers (b) at the same time, at the left and right hand side, and release the splash guard from fixing openings.

– Press the splash guard down and pull it to the front.

Fig. 8

3. Wash the splash guard in warm water and a mild cleaning agent.
4. Rinse in fresh water.
5. To end with, dry the splash guard thoroughly.
6. Install the splash guard in the appliance:

– Side it in diagonally into the inner chamber of the appliance, until rear studs of the splash guard enter fixing openings of the rear wall of the thermal processing chamber.

– Next, push the splash guard up.

– Slide the studs at the left and right hand side of the guard's front section into fixing openings at the front, until they click.

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7 Possible Malfunctions

If the microwave does not work:

1. Check if the appliance is correctly connected to the power supply. Remove the plug from the socket and wait for approx. 10 minutes before re-connecting it correctly.

2. Check if a fuse has not been tripped or if the main switch is not switched off. If they operate correctly, check the connection with another appliance.

3. Check if door is locked correctly (door safety lock system). Otherwise, due to safety reasons, microwaves are not generated in the thermal processing chamber.

NOTE:

If all the errors listed above may be excluded, have a qualified specialist or a re-seller immediately check the appliance and repair it should it be necessary.

In such a case, provide article number, model name and serial number. These data may be found in the rating plate.

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Error Code Messages

Error code	Possible cause
E-01	Error in VPC1 frequency conversion
E-02	Error in VPC2 frequency conversion
E-05	Open circuit alarm of VPC1 temperature sensor
E-06	Shorting alarm of VPC1 temperature sensor
E-07	Interruption alarm of VPC2 temperature sensor
E-08	Shorting alarm of VPC2 temperature sensor
FOOD	High temperature alarm with no food
FALL	Key sticking alarm

8   Disposal

Electrical Appliance

	Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.

Electrical appliances should be returned to designated collection points.

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