



**IK 30TC-1 / 105991**



**IK 30TCS-1 / 105991S**

**ENGLISH**

**Table of contents**

**1. Safety ..... 24**  
1.1 Key to symbols ..... 24  
1.2 Safety instructions ..... 25  
1.3 Intended use ..... 30

**2. General information ..... 31**  
2.1 Liability and Warrantees ..... 31  
2.2 Copyright protection ..... 31  
2.3 Declaration of conformity ..... 31

**3. Transport, packaging and storage ..... 32**  
3.1 Delivery check ..... 32  
3.2 Packaging ..... 32  
3.3 Storage ..... 32

**4. Technical data ..... 33**  
4.1 Technical data ..... 33  
4.2 Overview of parts ..... 34

**5. Installation ..... 35**  
5.1 Positioning ..... 35  
5.2 Electric connection ..... 35

**6. Operation ..... 36**  
6.1 Functionality of induction cookers ..... 36  
6.2 Suitable and unsuitable cookware ..... 37  
6.3 Operation ..... 38

**7. Cleaning ..... 42**

**8. Possible malfunctions ..... 43**

**9. Waste disposal ..... 44**

Bartscher GmbH  
Franz-Kleine-Str. 28  
33154 Salzkotten  
Germany

phone: +49 5258 971-0  
fax: +49 5258 971-120  
**Service-Hotline:** +49 5258 971-197  
www.bartscher.com



**Read these instructions before using and keep them available at all times!**

This instruction manual contains information about the installation, operation and maintenance of the device and should be consulted as an important source of information and reference guide.

Awareness of the safety instructions and instructions for use in this manual will ensure the safe and correct use of the device.

In addition to the information given here, you should comply with any local Health and safety cControls and generally applicable safety regulations.

The instruction manual forms part of the product and should be kept near the device and easily accessible for anyone carrying out the installation, servicing, maintenance or cleaning.

Please keep these instructions and give them to future owners of the device.

## 1. Safety

This device is designed in accordance with the presently applicable technological standards. However, the device can pose a danger if handled improperly and inappropriately.

All persons using the device must follow the recommendations and instructions in this manual.

### 1.1 Key to symbols

In this manual, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions should be followed very carefully to avoid any risk of accident, personal injury or material damage.



**DANGER!**

This symbol highlights hazards which could lead to injury.



**WARNING!**

This symbol highlights dangerous situations which could lead to injury or death.



### **HOT SURFACE!**

This symbol is a warning that the device surface is hot when in use. Ignoring this warning may result in burns!



### **CAUTION!**

This symbol highlights dangerous situations which could lead to light injuries, or damage, malfunction, and/or destruction of the device.



### **CAUTION! Magnetic field!**

This symbol informs that the magnetic fields occurring during the device operation may cause interference.



### **NOTE!**

This symbol highlights recommendations and information aimed for effective and trouble-free device operation.

## **1.2 Safety instructions**

- The device is not intended for use by individuals (including children) with physical or mental disabilities, insufficient experience, and/or insufficient knowledge unless such persons are under the care of a person responsible for their safety or have received instructions regarding appropriate use of the device.
- Children should be observed to ensure that they are not playing with or starting the device.
- **Never** leave the device unattended when in use.
- Only use the device indoors.
- The device is **not** designed for use with an external timer or remote control.

- The device must be operated in correct and safe technical condition only. In case of operational problems disconnect the device from the power supply and contact the service company.
- Prevent access of children to the package materials like plastic bags and foamed polystyrene elements. **Suffocation hazard!**
- Only a qualified technician and using original spare parts and accessories should carry out repairs and maintenance of the device. **Do not attempt to repair the device yourself.**
- Do not use any accessory or spare parts that have not been recommended by the manufacturer. These can be dangerous for the user or lead to damages of the device or personal injury, and further, the warranty expires.
- To prevent hazards and to ensure optimum efficiency, no modifications or alterations to the device that are not explicitly approved by the manufacturer may be undertaken.



## **DANGER! Electric shock hazard!**

To avoid the hazard results please follow the safety instructions below.

- Never allow the power cable to come into contact with heat sources or sharp edges. The power cable should not hang over the side of the working surface. Ensure that no one can step on or trip over the cable.
- The power cable must not be folded, bent or tangled, and must always remain fully unrolled. Never place the device or other objects on the power cable.
- Do not cover the cable. Keep away the cable from operating range.

- 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.
- The supply cable must be disconnected from the socket only by pulling the plug.
- Never carry or lift the device by the supply cable.
- In any case do not open the device housing. In case of electrical or mechanical modifications the **electric shock hazard** will occur.
- Never immerse the appliance, the power cord and the power plug in water or other liquids.
- Do not use any acid agents and make sure no water ingresses the device.
- **Never** operate the device with moist hands or standing on wet floor.
- Remove the plug from its socket:
  - when the device is not used,
  - in case of anomalies during operation,
  - before cleaning.



**HOT SURFACE! Burn hazard!**

To avoid the hazard results please follow the instructions below.

- During the operation the cooking surface becomes very hot. **Keep in mind**, that the induction cooker itself does not produce any heat during cooking. However, the heat from the pan will leave the cooking surface hot! **After use the surface is hot. Do not touch!**

- Do not place any metal kitchen utensils, pot covers, frying pans, knives, or other metal objects on the cooking field. After the device activation they may become very hot.
- Keep in mind that the objects like rings, watches, etc. may become hot in the vicinity of the cooking surface.
- Do avoid overheating do not place the aluminium foil or metal plates on the surface of the device.



## **WARNING! Fire hazard!**

To avoid the hazard results please follow the instructions below.

- Avoid prolonged heating of oils and fats! The overheated oil or fat may quickly ignite. In case of ignition on the cooking field deactivate the device and cover the flame with large pot cover, plate, or moistened cloth.

### **Never use water for extinguishing!**

After covering the flame wait for the cooking pots to cool down and assure appropriate amount of fresh air.



## **WARNING! Explosion hazard!**

To avoid the hazard results please follow the instructions below.

- Do not place any flammable plastic containers or acidic and basic materials near the device as it may limit its life and cause deflagration during the activation.

- Do not heat closed containers, e.g. canned food, on the induction cooking field. The containers or cans may explode (crack) due to overpressure. Open the can and place it in the pot with some water heated on the cooking field.



**CAUTION! Electromagnetic field hazard!**

To avoid the hazard results please follow the instructions below.

- The magnetic objects, like credic cards, data storage devices, or calculators, must not be placed in the direct vicinity of the operating device. Their operation may be disturbed by the magnetic field.
- Do not open the lower cover!
- Make sure that the cooking pots are placed in the centre of the work field to cover the electromagnetic field in the best possible range.
- The scientific research confirm that the induction cookers are not dangerous. But persons with the artificial pacemakers should keep the distance of min. 60 cm from the operating device.



**CAUTION!**

**In order to avoid any damages of the device follow the instructions below.**

- Do not use any sharp objects or abrasive agents for cleaning the surfaces.
- The device should not be used as a shelf or for storage of empty kitchenware.



- The cooking surface is made from glass resistant to high temperature. In case of damages or small cracks disconnect the device from the power supply immediately and contact the service.

## 1.3 Intended use

Safe operation is only guaranteed when using the device for its intended purpose.

Any technical interventions, as well as assembly and maintenance are to be made by a qualified customer service only.

**The device is not suitable for continuous commercial use.**

The device is intended for home use or in similar places such as:

- in stores, offices or similar places of work;
- in agricultural holdings;
- for customers in hotels, motels and similar dwellings;
- in Bed & Breakfast facilities.

**The induction cooker is designed only for preparing and heating food while using the appropriate cookware.**

**Do not use the induction cooker, among other things, for:**

- heating and warming flammable, harmful, volatile or similar liquids or materials.



**CAUTION!**

**Any use going beyond the intended purpose and/or any different use of the device is forbidden and is not considered as conventional.**

**Any claims against the manufacturer or his authorized representative as a consequence of experiencing damages resulting from unconventional use are impossible.**

**The operator is liable for all damages resulting from inappropriate use.**

## 2. General information

### 2.1 Liability and Warrantees

All the information and instructions in this manual take into account standard safety regulations, current levels of technical engineering as well as the expertise and experience we have developed over the years.

The instruction manual was translated with all due care and attention. However, we do not accept liability for any translation errors. The German version of this instruction manual is definitive.

If the delivery consists of a special model, the actual scope of delivery may differ from the descriptions and illustrations in this manual. This is also the case for special orders or when the device has been modified in line with new technology.



#### **CAUTION!**

**Read this manual carefully and thoroughly before any operation of the device, and especially before turning it on!**

Manufacturer **is not liable** for any damages or faults caused by:

- violation of advice concerning operation and cleaning;
- use other than designed;
- alterations made by user;
- use of inadequate spare parts.

We reserve the right to make technical changes for purposes of developing and improving the useful properties.

### 2.2 Copyright protection

The instruction manual including any texts, drawings, images or other illustrations is copyright. No part of this publication may be reproduced, transmitted or used in any form or by any means without permission in writing from the manufacturer. Any person who commits any unauthorized act in relation to this publication shall be liable to claims for damages. All rights reserved.



#### **NOTE!**

**The contents, texts, drawings, pictures and any other illustrations are copyright and subject to other protection rights. Any person unlawfully using this publication is liable to criminal prosecution.**

### 2.3 Declaration of conformity



The device complies with the current standards and directives of the EU. We certify this in the EC declaration of conformity. If required we will be glad to send you the according declaration of conformity.

## 3. Transport, packaging and storage

### 3.1 Delivery check

Please check the delivery upon completeness and transport damage immediately after receipt. In case of visible damage do not accept or accept the delivery with reservation only.

Note the extent of damage on the carrier's bill of delivery. Trigger off the complaint.

Hidden damages should be reclaimed immediately after notice, as claims for damages can only be asserted within the effective period for complaints.

### 3.2 Packaging

Please do not throw away the covering carton of your device as it might be useful for storage purposes, when moving or, in case of damages, when the device must be sent back to a repair center. The outer and inner packing material should be removed completely from the device before installation.



**If you liked to dispose the packing, consider the regulations applicable in your country. Supply re-usable packing materials to the recycling.**

Please inspect the device upon completeness. In case any part is missing please contact our customer service center immediately.

### 3.3 Storage

Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

Packages should be stored under consideration of the following:

- do not store outdoors,
- keep it dry and dust-free,
- do not expose it to aggressive media,
- do not expose it to direct sunlight,
- avoid mechanical shocks and vibration,
- in case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly, if required refresh or renew.

## 4. Technical data

### 4.1 Technical data

<b>Name</b>	<b>Induction cooker</b>	
Code-No. / type:	<b>105991 / IK30TC-1</b>	<b>105991S / IK30TCS-1</b>
Material:	Stainless steel	
Material hob	Glass	SCHOTT CERAN®
Colour:	Silver/black	
Model:	<ul style="list-style-type: none"> <li>▪ The connection of the device: ready to connect</li> <li>▪ Hob: <ul style="list-style-type: none"> <li>- Number: 1</li> <li>- Type: induction</li> <li>- Diameter: 230 mm</li> <li>- Output hob max.: 3000 W</li> </ul> </li> <li>▪ Control: <ul style="list-style-type: none"> <li>- Electronic</li> <li>- Touch</li> <li>- Regulation of: power, temperature, time</li> </ul> </li> <li>▪ Digital display</li> <li>▪ Timer</li> <li>▪ Pot recognition</li> <li>▪ ON/OFF switch</li> <li>▪ Indicator lights: ON/OFF, power, temperature, time</li> <li>▪ Overheating protection</li> <li>▪ Grease filter</li> </ul>	
Power level:	10	
Temperature levels / Temperature range:	10 / 60 °C - 240 °C, intervals: 20 °C	
Time setting:	1 to 180 minutes, intervals: 1 min. / 10 min.	
Power:	3 kW / 230 V 50 Hz	
Dimensions:	Device: W 325 x D 420 x H 105 mm Glass hob: W 275 x D 275 mm	
Weight:	5.55 kg	

We reserve the right to make technical changes!

## 4.2 Overview of parts



- 1 Heating plate
- 2 Hob
- 3 Body
- 4 Touch control panel
- 5 Feet (4)
- 6 Grease filter

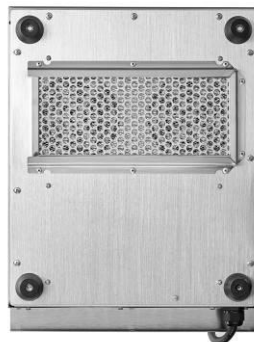
### Grease filter

The induction cooker is provided with a grease filter. It is located at the bottom of the device.

The grease filter is to protect the body from dirt and grease sucked by the fan together with the air.

The grease filter is easily detachable and dishwasher safe.

**The device should be always provided with the grease filter when in operation.**



---

## 5. Installation

### 5.1 Positioning

- Unpack the device and remove all package materials according to the valid environment protection regulations.



#### **CAUTION!**

**Never remove the rating plate and any warning signs from the device.**

- Place the device on top of an even, stable, dry, and water-resistant surface which supports the weight of the device and is not heat sensitive.
- **Never** place the device on a flammable surface.
- **Do not** place the device near an open flame, electric oven or other source of heat.
- Do not block or cover the ventilation ducts that allow for air to circulate around the device. Doing so may lead to overheating of the device.
- Keep a distance of at least 5 – 10 cm from flammable walls and other objects.
- **Never** place the device in humid or wet environment.
- Do not place the induction plate near other equipment and objects sensitive to magnetic fields (e.g. radio, television, etc.).
- Place the device so that the plug is easily accessible and can be quickly removed from its socket in case of necessity.

### 5.2 Electric connection



#### **DANGER! Electric shock hazard!**

**The device can cause injuries due to improper installation!  
Before installation the local power grid specification  
should be compared with that of the device (see type label).  
Connect the device only in case of compliance!**

- The power supply circuit with the socket must be protected by the fuse of at least 16A. Connect the device directly to a single grounded socket. Do not use any power bar or multiple socket.

## **6. Operation**

### **6.1 Functionality of induction cookers**

With induction cooker, an electric voltage is applied on a conductor spool beneath the glass. This creates magnetic fields, which directly heat up the bottom of the cookware through a physical effect.

This means saving time and energy, because contrary to common hotplates, the cookware is heated up, not the heating element and the glass.

Due to the technical characteristics described above, another advantage is the very short start-up cooking time.

In addition, the heat supply promptly adapts to changed settings and can be controlled in small steps. The induction cooker reacts to changed settings just as fast as a gas stove, as the energy reaches the pot immediately without having to heat up other materials first.

The induction technology combines this fast reaction with the basic advantage of electricity, meaning being able to exactly adjust the heat supply.

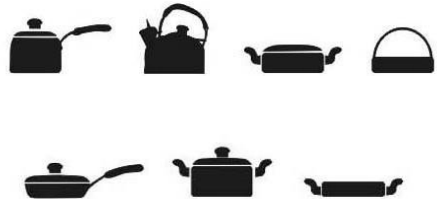
#### **Additional advantages of an induction cooker:**

- As the cooking zone is only heated up indirectly via the bottom of the cookware, over spilling food cannot stick. The glass cooking zone is only heated up by the hot cookware.
- If the device is turned on and no dish for cooking is present or is removed, a repeating audio signal will sound and the device will turn itself off after approx. 30 seconds.
- The device will detect if the appropriate cookware is placed on the heating plate. If the cookware is not appropriate for induction hotplates, energy will not flow. The device will turn off after approx. 30 seconds.
- When operating the cooking zone with empty cookware, a temperature sensor turns it off automatically.

## 6.2 Suitable and unsuitable cookware

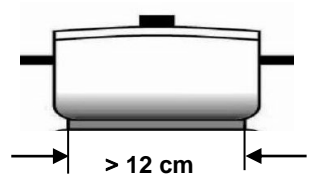
### Suitable cookware

- Iron cookware;
- Enameled iron cookware;
- Steel or enameled iron pots / pans;
- Cast iron pots / pans;
- Stainless steel 18/0 and aluminum cookware, if they are marked as suitable for induction cookers (pay attention to the description of the cookware).



Due to the particular nature of the induction field, the cookware must have a plane magnetic bottom (a magnet must stick to it).

We recommend only pots/pans with the bottom diameter between 12 cm and 26 cm for better results.



e.g.

**Bartscher Induction cookware, 9-piece cooking pot set chromium-nickel steel • edge suitable for pouring • cold handles**

#### 4 pots with lid

2.0 litres • Ø 16 cm • height 10.0 cm

2.7 litres • Ø 18 cm • height 11.0 cm

5.1 litres • Ø 24 cm • height 11.5 cm

6.1 litres • Ø 20 cm • height 20.0 cm

**Code-No.: A130442**

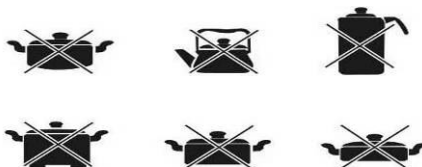
#### 1 pan

2.8 litres • Ø 24 cm • height 6.5 cm



## Unsuitable cookware

- Cookware with a convex bottom;
- Aluminium, bronze or copper cookware. The exception is cookware clearly labeled as suitable for induction cookers;
- Pots / pans with a diameter less than 12 cm;
- Cookware with feet;
- Ceramic cookware;
- Glass cookware.



### CAUTION!

Please use only the cookware marked suitable for induction cooker.

If the induction hotplate detects too great a separation from the magnetizing container, it will cause a reduction in power. This may cause the overheating prevention device to malfunction. For this reason, do not use aluminum, bronze or non-metallic containers.

## 6.3 Operation

- Before the first use, thoroughly clean the device according to the instructions in section 7 “Cleaning”.
- Place the appropriate cookware with food in the middle of the hob.



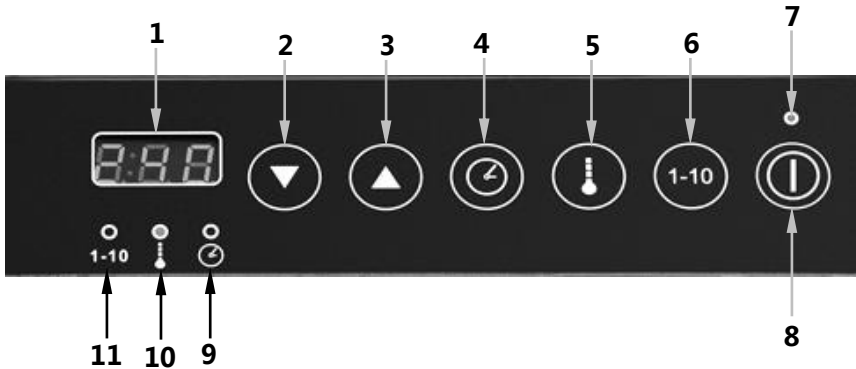
### CAUTION!

Never place empty pans on the hob.

Warming up an empty pot or frying pan activates the overheating protection system; an error acoustic signal sounds and the device turns off. The digital display shows “E2”.

Remove the cookware from the hob and leave the device for a few minutes to cool down. Then, you may start using the device again as usual.

## Touch control panel




- 1 Digital display
- 2 Selection button ▼: Time, temperature or output level can be reduced
- 3 Selection button ▲: Time, temperature or output level can be increased
- 4 Time setting key ⌚
- 5 Temperature setting key 🌡️
- 6 Power level button 1 - 10
- 7 **ON/Standby** LED indicator
- 8 **ON/OFF** button ⏻
- 9 Time LED indicator ⌚
- 10 Temperature LED indicator 🌡️
- 11 Power level LED indicator 1 - 10

## Device start-up

- Connect the device to a single grounded socket.  
An audio signal sounds and the **ON / Standby** LED indicator light starts blinking.  
The device is now in **STANDBY** mode.
- To switch the device on, press the **ON/OFF** button. ⏻

## Settings



### Power

- When the **ON/OFF** button has been pressed  the power level LED indicator is on. The control panel shows the the **power level** default setting “**5**” and the device starts. The **ON/Standby** LED indicator stays lit at all times.






### NOTE!


**Unless within 30 seconds following pressing the ON/OFF button  new settings are introduced, the device automatically returns to the Standby mode.**

- By the selection button  or  you can modify the settings at any time in the range **1 - 10** (500 – 3000 W).  
Power level 1 refers to 500 W value and power level 10 to 3000 W value.  
The digital display shows the selected power level and the LED indicator is on **1 - 10**.

### Temperature

- Press the button  to set the temperature.
- The digital display shows the **temperature** “**120 °C**” default setting and the device starts.
- By the selection button  or  you can modify the setting at any time in the range 60 °C to 240 °C. The following temperature settings are possible:

**60, 80, 100, 120, 140, 160, 180, 200, 220 and 240 °C**

The digital display shows the selected temperature level and the temperature LED indicator  is on.

- The device heats up the foods in the cookware and then maintains the set temperature. The output level is then controlled automatically.





### NOTE!



**When the device is on without the pan or the pan is removed from the hob during operation, the repetitive acoustic signal sounds and the device switches off after approx. 30 seconds.**

**The digital display shows “E0”.**


## Time

- When the operation mode (power level or temperature level) has been selected, you can set the cooking time. Press the button  to set the time.

The digital display shows “0” and the time setting LED indicator is  on.



- By the selection button  or  you can set the operation time in the range 1 - 30 minutes with 1-minute intervals or in the range 30 – 180 minutes with 10-minute intervals.


The selected time of operation is counted down in 1-minute intervals and the digital display returns to the previous indications (the power level or temperature is shown).

To verify the cooking time left, press again the button .



### NOTE!

**When the timer is on you can modify the cooking time setting at any time by using the selection button  or . The device memory function let the set output or temperature stay unchanged. The same way the power level or temperature level may be modified without changing the set time.**

- When the set time elapses the acoustic signal sounds and the device automatically switches to **Standby mode**.
- When the device has been switched off, the cooling fans will continue working for some time and then they will switch off.
- In order to stop the timer before the set time has expired, press **ON/OFF** button . Press the button again to restart the device.
- When the cooking or heat maintaining process has been finished the device should be disconnected from the socket (unplug!).



### NOTE!

**The induction cooker switches off automatically when within 2 hours no new setting has been introduced.**

## 7. Cleaning



### WARNING!

**Before cleaning disconnect the device from the power supply (pull the plug!).**

**Wait for the device to cool down.**

**The device is not suited for direct washing via water jets.**

**Protect the device from the water penetration.**



### CAUTION!

**Never use sharp or scouring cleaning agents which may scratch the surface of the device.**

**Never use any cleaning agents containing petrol or solvents.**

- Clean the device regularly.
- **The hob, touch control panel and body** should be cleaned with a soft, damp cloth and a mild, not scouring, cleaning agent.
- Regularly clean the **grease filter** with a mild cleaning agent or in a dishwasher. To do so, pull out the grease filter from the holder (fig. in section **4.2 “Overview of parts”**). When the cleaning has been finished, place a completely dry grease filter in the device.



### CAUTION!

**To prevent injuries or damage, do not connect the device without the filter to the power supply to start.**

- Ventilation slots at the rear and bottom of the device should not be blocked with dirt or dust. Clean with a brush or blower, if necessary.
- After cleaning, dry and polish the surface with a soft and dry cloth.

### Storing of the device

- When you leave the device unused for a longer time, clean it thoroughly according to the instructions. Store in a dry, clean, frost free and out of the sun place, away from the reach of children. Do not place any heavy objects on the device.

## 8. Possible malfunctions

If there are any disruptions in the device operation and the display will show an error code check with the table below if the problem can be solved before you contact the customer service or supplier.

<b>Error code</b>	<b>Cause</b>	<b>Solution</b>
<b>E0</b>	<ul style="list-style-type: none"><li>• No pan on the hob or not suitable cookware</li></ul>	<ul style="list-style-type: none"><li>• Place the appropriate cookware with food on the hob</li></ul>
<b>E1</b>	<ul style="list-style-type: none"><li>• The device heats up extensively (due to e.g. covered ventilation slots)</li><li>• Parts are damaged (e.g. transistor)</li></ul>	<ul style="list-style-type: none"><li>• Clear the ventilation slots. Let the device cool off for a few minutes; afterwards the device is ready for operation. If the error code is displayed when the device has cooled off, contact the supplier.</li><li>• Contact the supplier</li></ul>
<b>E2</b>	<ul style="list-style-type: none"><li>• The overheating protection is on and the device will switch off</li></ul>	<ul style="list-style-type: none"><li>• Pull the plug from the socket. Remove the cookware from the hob. Let the device cool off for a few minutes; afterwards restart the device.</li></ul>
<b>E3</b>	<ul style="list-style-type: none"><li>• Short lasting power cut</li></ul>	<ul style="list-style-type: none"><li>• Pull the plug from the socket. After a few minutes, plug in the device again. Have an electrician to check the power supply.</li></ul>

### If you cannot remove the malfunctions:

- do not open the body,
- notify the customer service point or contact the sales agent, while providing the following information:
  - type of malfunction;
  - article and serial number (rating plate at the rear of the device);
  - date of purchase.

## 9. Waste disposal

### Old devices



The electric devices are marked with this symbol. You must not dispose of electric devices with household waste. When the device may not be longer used each consumer is obliged to dispose of the device at the dedicated local collection point, separately from household waste.



#### NOTE!

Electric devices should be used and disposed of properly to prevent the impact on the environment.

- Disconnect the device from the power supply and remove the power cord from the device.