

User manual



Vacuum cleaning robot with lasernavigation

MEDION® MD 18871

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1. Information about this user manual



Thank you for choosing our product. We hope you enjoy using this appliance.

Read the safety instructions carefully before using the appliance for the first time. Note the warnings on the appliance and in the user manual.

Always keep the user manual close to hand. If you sell the appliance or give it away, please ensure that you also pass on this user manual. It is an essential component of the product.

1.1. Explanation of symbols

If a block of text is marked with one of the warning symbols listed below, the hazard described in that text must be avoided to prevent the potential consequences described there from occurring.



DANGER!

Warning: risk of fatal injury!



WARNING!

Warning: risk of possible fatal injury and/or serious irreversible injuries!



WARNING!

Warning: risk of electric shock!



WARNING!

Warning: risk of explosive materials!



CAUTION!

Warning: risk of minor and/or moderate injuries!



NOTICE!

Follow these instructions to prevent damage to the appliance!



More detailed information about using the appliance!



Follow the instructions in the user manual!

- Bullet point/information on steps during operation
- ▶ Instruction to be carried out



Declaration of Conformity (see "Declaration of Conformity" section): Products that feature this symbol meet the requirements of the EC directives.



Protection class II

Electrical appliances in protection class II refers to appliances that have double and/or reinforced insulation throughout and do not have the option of connecting a protective conductor. The housing of an electrical appliance in protection class II, with surrounding insulating material, might either form all of the additional or reinforced insulation, or part of it.



DC current symbol

Polarity symbols



Symbol denoting the polarity of the DC connector (according to IEC 60417)

On devices carrying this marking, positive is on the inside and negative on the outside.



Energy efficiency level VI

The energy efficiency level is a standard scale for rating the efficiency of external and internal power supplies. The energy efficiency symbol indicates the efficiency level and the ratings are classified up to level VI (most efficient level).



Symbol for electrical switched-mode power supply

Transformer – short circuit-proof



A transformer in which the temperature does not exceed specified limits if the transformer is overloaded or short-circuited, and which continues to meet all the requirements specified in the relevant standard once the overload or short circuit has been rectified.

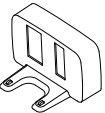


Indoor use

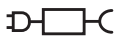
Appliances with this symbol are intended solely for indoor use.



Dispose of the appliance in compliance with environmental regulations (see “16. Disposal” on page 90).



Only use the charging station provided.



Only use the mains adapter provided.



Tested Safety

Products labelled with this symbol meet the requirements of the German Product Safety Act.

The AC / DC adapter has degree of protection IP20 in accordance with DIN EN 60529, which means:

The AC / DC adapter is protected:

IP20

- against access to dangerous parts with one finger.
- against the penetration of solid foreign bodies with a diameter of 12.5 mm and larger

The AC / DC adapter is not waterproof

Ta=40° The power adapter can be used up to an ambient temperature of 40 ° C.

2. Proper use

The robot vacuum cleaner is designed to automatically vacuum dry indoor surfaces such as smooth, level floors.

Thanks to laser-controlled navigation, the robot vacuum cleaner manoeuvres independently and is able to detect and navigate around objects and obstacles. The appliance can be controlled using either the control panel on the robot vacuum cleaner or the mobile app. The robot vacuum cleaner is able to store a map of the operational environment. The user can divide this map into rooms and define zones that the robot vacuum cleaner may not enter.

Do not use the appliance outdoors.

The appliance is only intended for private use and not for industrial/commercial use.

Please note that we shall not be liable in cases of improper use:

- Do not modify the appliance without our consent and do not use any auxiliary equipment that we have not approved or supplied.
- Only use replacement parts or accessories that we have supplied or approved.

Comply with all the information in this user manual, especially the safety information. Any other use is considered improper and can cause personal injury or property damage.

3. Trademark information

The Bluetooth® word mark and logos are registered trademarks of Bluetooth SIG, Inc. and are used by MEDION under licence.

4. Safety information



WARNING!

Risk of injury!

Risk of injury to children and persons with limited physical, sensory or mental abilities (for example, partially disabled people or older people with limited physical and mental abilities) or to those without experience and knowledge (such as older children).

- Keep the appliance and its accessories out of the reach of children.
- This appliance can be used by children over the age of 8 and by persons with reduced physical, sensory or mental abilities or by those without experience and/or knowledge, if they are supervised or have been instructed in the safe use of the appliance and have understood the dangers that result from it.
- Children must not be allowed to play with the appliance.
- Cleaning and user maintenance must not be carried out by children, unless they are aged 8 or over and are supervised.
- Children younger than 8 should be kept away from the appliance, mains adapter and mains cable.
- Do not store any of the packaging material used (bags, polystyrene etc.) within the reach of children.



DANGER!

Risk of electric shock!

Live parts. There is a risk of electric shock/short circuit.

- Use the supplied mains adapter and the charging station to charge the batteries.
- The mains adapter may only be used in dry rooms.
- Only connect the mains adapter to a properly installed, easily accessible power socket. The local mains voltage must correspond to the technical data for the mains adapter.
- The mains socket must be easily accessible so you can unplug the appliance from the mains quickly if necessary.
- When unplugging the mains cable from the socket, always pull on the plug rather than on the cable. Do not kink or crush the mains cable.
- In the event of damage to the plug, mains cable, charging station or the appliance itself or if liquids or foreign bodies get into the appliance, unplug the appliance from the socket immediately.
- Only use the appliance in enclosed spaces and never expose the appliance to water droplets or spray.
- Do not touch the appliance with wet hands while the appliance is charging.
- Check the robot vacuum cleaner and the mains cable for damage before using the appliance for the first time and after every use.
- Do not use the appliance if the robot vacuum cleaner, charging station or mains adapter is visibly damaged.
- If you discover any transport damage, contact the Service Centre immediately.
- Unplug the mains adapter from the socket if you are away for a long period or in the event of a thunderstorm.
- Never immerse the robot vacuum cleaner, charging station or mains adapter in water or other liquids! Always unplug the mains adapter from the socket before cleaning or servicing the appliance and before fitting or removing accessories.
- Do not expose the appliance to extreme conditions. Avoid:
 - high humidity or wet conditions
 - extremely high or low temperatures
 - direct sunlight
 - open flames



WARNING!

Risk of explosion!

There is a risk of fire or explosion when vacuuming up flammable liquids or certain solid materials.

- Never use the appliance near highly flammable materials. Do not vacuum up sharp-edged or highly flammable objects and liquids such as matches or hot ashes.
- Do not vacuum up toner particles (laser printer, photocopier) under any circumstances.



CAUTION!

Risk of injury/risk of damage to the appliance!

There is a risk of injury or damage to the appliance due to improper use.

- Only use the appliance to vacuum small amounts of dust, dirt and crumbs. Empty the dust container after every use.
- Do not use the appliance to vacuum up liquids or damp dirt.
- In order to avoid the risk of tripping, do not use an extension cable and inform any per-

sons present about the operation of the robot vacuum cleaner.

- Remove all fragile items (e.g. glass, lamps, vases) and objects that could become trapped in the brushes or sucked up (e.g. cords, clothing, newspapers, curtains) from the working area before operating the appliance. If required, set the light barrier to limit the working area.
- Do not cover the sensors and ventilation slots on the robot vacuum cleaner.



NOTICE!

Possible damage to the appliance due to abrasion on rough surfaces.

Some skirting, especially chimneys and ovens, can have a rough, brushed or grainy anodised, cast iron, steel or metal surface. These surfaces can act like sandpaper on rubber and plastic surfaces and damage the surface if coming into contact with the appliance. The above surfaces themselves can also be damaged by collision with the appliance.

- Prevent the appliance from colliding with rough, brushed or grainy surfaces so as to avoid damage. Test the surface by carefully rubbing a cloth or towel over the area. If this results in fluff, the area should be excluded from suction so as to avoid a collision.

CAUTION!

Risk of injury/risk of damage to the appliance!

For reasons of design within a room, it may be possible that the sensors of the robot vacuum cleaner do not fully detect stairs and obstacles. There is the risk of blind spots within which the robot can fall down stairs or unsecured edges.

- Test in operation whether or not the robot vacuum cleaner detects stairs or other obstacles, particularly on very light or white high-gloss floors.
- Do not use the robot vacuum cleaner to clean stairs, tables or shelves.
- If necessary, set up additional barriers or define so-called "No go areas" using the **Medion® Robot MD 188XX** app to prevent damage to objects, walls, stairs or the appliance.
- The stair height must be at least 8 cm.
- Do not stand beneath unsecured edges or stairs when the appliance is in use.
- Clean the sensors on the robot vacuum cleaner regularly.
- Do not place the charging station close to heat sources.

4.1. Safe handling of rechargeable batteries

This appliance contains a lithium-ion battery block.



WARNING!

Risk of explosion!

Batteries might explode when exposed to extreme heat.

- Never throw the battery into a fire.
- Never expose the battery to excessive heat such as direct sunlight, fire, strong artificial light or similar!



NOTICE!

Risk of damage to battery!

Improper handling of the battery can completely destroy it.

- Avoid heavy impacts and vibrations.
- Charge the battery regularly and as fully as possible. Do not leave the battery discharged for a long period of time.
- If the battery no longer charges or only charges partially, contact our Service Centre.
- Do not use chargers that are damaged in any way.
- Do not take the battery apart or deform it. You could injure your hands or fingers, or battery fluid could get into your eyes or onto your skin. If you do come into contact with the battery fluid, rinse the affected area with plenty of water and contact your doctor immediately.
- Do not leave the battery in hot or cold places. Extreme temperatures impair the battery's charging capacity.
- Only operate the battery block at a room temperature of 10–40 °C.
- Dispose of used batteries in an environmentally friendly manner

4.1.1. Battery disposal

The rechargeable battery is an integral component of the appliance and users cannot dispose of the battery themselves.

- Therefore, dispose of the entire appliance (see section "Disposal").

4.2. Safety instructions regarding the WLAN interfaces used

- Do not use the WLAN function of this product in the immediate vicinity of medical equipment or other electronic devices. Using the WLAN function in the vicinity of medical equipment or other electronic devices can impair their functionality.
- This product could receive interference from other devices that emit radio waves. To prevent interference, use this product as far away from such devices as possible or avoid using such devices at the same time as this product.

4.3. Laser

- The robot vacuum cleaner is a Class 1 laser product. The appliance has a safety system that prevents dangerous laser beams from escaping during normal use. To avoid eye injuries, never tamper with or damage the appliance's safety system and do not look directly into the laser beam.
- Do not point the laser beam at people or animals.

LASER KLASSE 1
CLASS 1 LASER
PRODUCT
APPAREIL LASER
DE CATEGORIE 1

5. System requirements

- Smartphone/tablet with iOS 9.0/Android 4.4 or later
- **Medion® Robot MD 188XX** app (see section "10. Functions of the Medion® Robot MD 188XX app" on page 85).

6. Package contents



DANGER!

Risk of choking and suffocation!

There is a risk of choking and suffocation due to swallowing or inhaling small parts or plastic wrap.

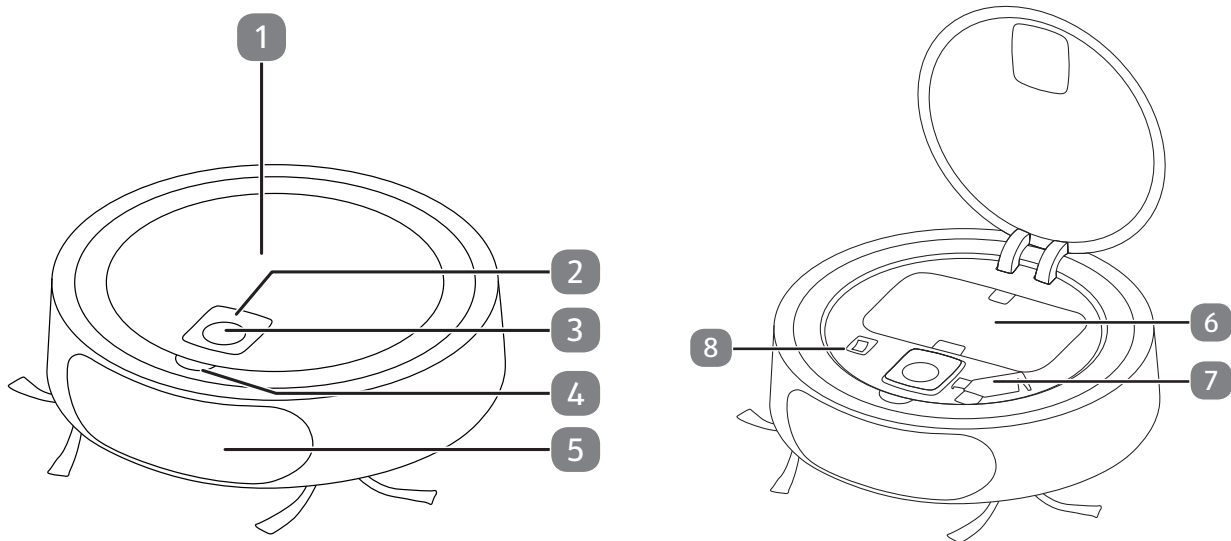
- Keep the plastic packaging out of the reach of children.

Please check your purchase to ensure that all items are included. If anything is missing, please contact us within 14 days of purchase.

The following items are supplied with your product:

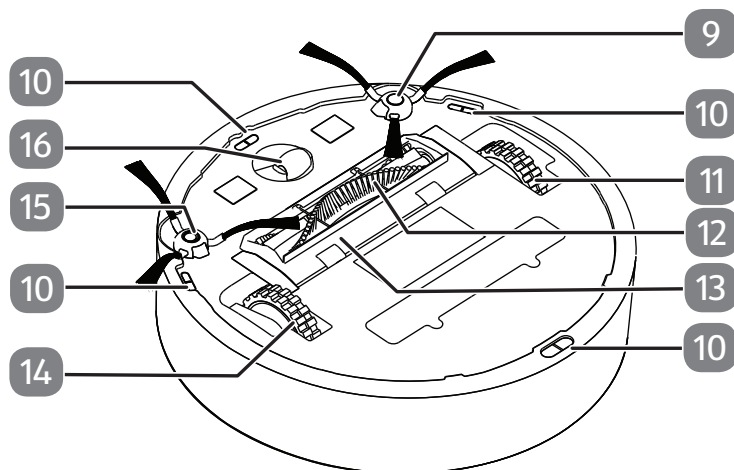
- Robot vacuum cleaner with integrated lithium-ion battery block
- Docking station (charging station)
- Mains adapter
- 2 side brushes
- Main brush
- Dust container
- Dust filter
- Cleaning tool (under the vacuum cleaner lid)
- Documentation

7. Appliance overview



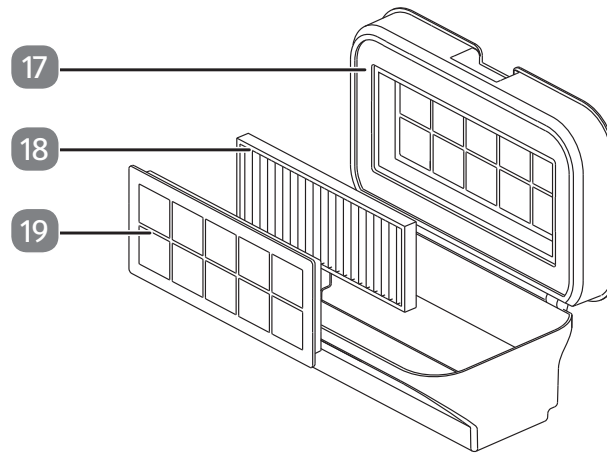
- 1) Vacuum cleaner lid
- 2) LED status indicators
- 3) HOME, START/PAUSE button
- 4) Recess for opening the lid
- 5) Sensor cover
- 6) Dust container with filter
- 7) Cleaning tool
- 8) ON/OFF switch

7.1. Bottom



- 9) Cleaning brush, right
- 10) Sensor
- 11) Running wheel: for driving the appliance
- 12) Main brush
- 13) Cover for main brush
- 14) Running wheel: for driving the appliance
- 15) Cleaning brush, left
- 16) Running wheel: to aid the direction of movement

7.2. Dust container with filter



- 17) Dust container lid
- 18) Dust filter
- 19) Dust filter frame

8. Using the appliance for the first time

8.1. Attaching the cleaning brushes

The brushes supplied must be attached, if applicable, before the appliance is used for the first time. The front cleaning brushes (9) and (15) can be pushed into the holders provided and removed again.


- ▶ Press both brushes onto the holder.
- ▶ To attach the main brush (12), proceed as follows:
- ▶ Press both tabs on the cover (13) to remove it.
- ▶ Insert the narrow side of the main brush in the opening provided and then place the wide end into the recess.
- ▶ Close the cover again.

8.2. Positioning the charging station

- ▶ Position the charging station on a wall close to a router with good WLAN reception or a WLAN repeater.
- ▶ Please note that a clearance of 0.5 m to the sides and 1 m to the front is required.
- ▶ Connect the mains cable to the mains connection on the charging station.
- ▶ Insert the mains plug into the mains socket.

8.3. Charging the battery block

The robot vacuum cleaner is fitted with a lithium-ion battery block. After unpacking the appliance, first charge the battery block for approx. 3 hours. This benefits battery performance in the long run. The robot vacuum cleaner must be fully charged, and can either be placed on the charging station manually or return to the charging station independently.

- ▶ Place the robot vacuum cleaner onto the charging station so that the charging contacts lie on top of each other.
- ▶ For the robot vacuum cleaner to return to the charging station independently, place it approx. 30 to 50 cm away from the charging station and press the  (3) button.

Once the robot vacuum cleaner has successfully reached the charging station, an acoustic signal sounds.

The appliance is charged, charge level LED  flashes.

When the battery block is fully charged, the LED lights up continuously.

At the latest, the battery block must be charged when the charge level LED flashes.

- ▶ Charge the battery block before the next cleaning operation. The robot vacuum cleaner automatically returns to the charging station if the battery level is low. This return to the charging station interrupts the cleaning process.



If battery performance is drastically reduced, contact the Medion Service Centre.

9. Vacuum mode


To achieve the best cleaning performance, ensure that all loose objects (curtains, clothing, paper, loose cables and extension cables) are removed from the floor.



It is also possible to operate the robot vacuum cleaner without connecting to the **Medion® Robot MD 188XX** app. However, we recommend establishing the connection to create a map. The map is required for the use of the additional functions.



To achieve the best cleaning performance, ensure that all loose objects (curtains, clothing, paper, loose cables and extension cables) are removed from the floor.



The robot vacuum cleaner requires approx. 20 seconds until it is ready for use. During this initialisation phase, the LED status indicators light up and the HOME, START/PAUSE button  pulse slowly.

Use the HOME, START/PAUSE button to control your robot vacuum cleaner directly on the appliance.





- ▶ Ensure that the dust container is clean and that the filter has been correctly inserted.
- ▶ Place the robot vacuum cleaner in an open space in the room.
- ▶ Move the On/Off switch  to the **ON** position and the appliance is ready for use.
- ▶ To start the cleaning operation, press the START/PAUSE button . The button icon lights up and an acoustic signal will sound.


As part of the cleaning operation, the robot vacuum cleaner divides the room into sub-sections it deems sensible and cleans them, starting with the edges and then cleaning the area in orderly lines.

The robot vacuum cleaner cleans the entire accessible area.



Cleaning operations started using the START/PAUSE button  only work if there is no local map stored in the robot vacuum cleaner or if the robot vacuum cleaner cannot locate itself in its stored map. Stored "No go areas" are disregarded during this type of cleaning operation.

The cleaning task can be interrupted by pressing the START/PAUSE button  again. To resume the task, the START/PAUSE button must be pressed once again.

When the HOME button  is pressed during the cleaning operation, the task can be ended. In this case, the robot vacuum cleaner returns to the charging station.



Upon completion of the cleaning operation, the robot vacuum cleaner returns to the charging station independently.

The robot vacuum cleaner provides the following information via the LED status indicators:



Notice – an overview of error messages displayed by the robot vacuum cleaner can be found in section “14. Troubleshooting” on page 89.



Dust container full



Battery level



Robot vacuum cleaner is connected to the home network



NOTICE!

Risk of damage to property!

Loose cabling can become caught around your robot vacuum cleaner during vacuuming and be pulled by the appliance. This can result in appliances being pulled off a table and consequently damaged.

- Lay cables out of the reach of the appliance.



This robot vacuum cleaner is not suitable for use on carpets, with the exception of very short-pile carpets.

10. Functions of the Medion® Robot MD 188XX app

The following functions are available with the **Medion® Robot MD 188XX** app:

- Use virtual restricted zones to keep the robot vacuum cleaner out of entire rooms or living areas.
- Real-time display of the cleaning operation on a map.
- 3 vacuum power level settings.
- Schedule (day/time) for regular cleaning tasks.
- Start or stop the cleaning operation via the app.
- Install new firmware for the robot vacuum cleaner, so that the robot vacuum cleaner always uses up-to-date firmware.
- As well as numerous additional functions

10.1. Connecting the robot vacuum cleaner to a smartphone/tablet



- ▶ Download the **MEDION® Robot MD 188XX** app from the Google Play Store (for Android devices) or the App Store (for iPhones) to your smartphone/tablet and install the app.



- ▶ If you have installed a QR code reader on your smartphone/tablet, you can use the QR code to the left to download the app.



When it is used for the first time, the robot vacuum cleaner must be in the charging cradle and the charging cradle itself must be close to the internet router or a WLAN repeater.

- ▶ Switch on both location services and the Bluetooth® function as well as the WLAN function on your smartphone/tablet and start the **Medion® Robot MD 188XX** app.
- ▶ Follow the instructions shown in the app.

10.2. Exploratory trip

As part of the **Medion® Robot MD 188XX** app set-up process, when indexing new rooms, the robot vacuum cleaner performs an exploratory trip.

- ▶ Move all obstacles out of the way before starting the exploratory trip.
- ▶ Open all doors so that the robot vacuum cleaner can create a complete map. All rooms that are not explored, cannot be cleaned by the robot vacuum cleaner.
- ▶ Ensure that the dust container is clean and that the filter has been correctly inserted.



The duration of the exploratory trip depends on the living environment. For 100 m², the robot vacuum cleaner requires approx. 20 minutes.



The camera on the laser unit is designed only for the evaluation of reflected laser signals to create maps and it does not detect images in the conventional sense.

Once the robot vacuum cleaner has returned to the charging station, the exploratory trip is complete and the additional functions can be used with the app.



NOTICE!

Risk of damage!

For reasons of design within a room, it may be possible that the sensors of the robot vacuum cleaner do not fully detect stairs and obstacles.

- Test in operation whether or not the robot vacuum cleaner detects stairs or other obstacles.
- If necessary, set up additional barriers to prevent damage to objects, walls, stairs or the appliance or alternatively define so-called “No go areas” via the **Medion® Robot MD 188XX** app.

11. Power consumption of the robot vacuum cleaner

The power consumption of the robot vacuum cleaner is shown in the following table:

Power consumption	Value
Standby mode during battery operation	Type 1.5 W from the battery
Standby mode on the charging station	< 2 W
Power consumption during operation, maximum	~192 W (short term, maximum 3 seconds)
Power consumption during operation, typical	~ 36 W

12. Cleaning and care



DANGER!

Risk of electric shock!

There is a risk of electric shock/short circuit from live parts.

- Never immerse the robot vacuum cleaner, charging station or mains adapter in water or other liquids! Only clean the appliance and all accessories with a dry or slightly damp cloth.
- Move the ON/OFF switch to the **OFF** position and pull the mains plug out of the socket before cleaning and maintenance as well as before assembly or disassembly of the accessories.

Your robot vacuum cleaner is easy to clean and maintain. Empty the dust container and clean the dust filter after every use. Clean the suction openings as required.

- Do not use any solvents or caustic/gaseous cleaning agents to clean the appliance's surfaces. Wipe the surface of the robot vacuum cleaner and the charging station with a damp cloth.
- Clean the surfaces of the sensors and charging contacts with a clean, dry cloth.

12.1. Cleaning the dust container

We recommend emptying the dust container **6** and cleaning the filter after every use. Carry out the following steps:

- A) Open the cover on the top of the robot vacuum cleaner using the recess **4**.
- B) Remove the dust container by pressing the unlocking mechanism in both recessed grips.

The recessed grips are at the front and back on the top of the dust container.

- C) Open the dust container lid **17** and empty it over a dustbin.
- D) Rinse the dust container with water if necessary.

It is not necessary to rinse with water every time. Never put the dust container in the dishwasher! There is a filter on the inside of the lid, which must also be cleaned.

- E) Remove the dust filter frame **19** as well as the dust filter **18** and rinse the filter.
- F) When the dust container and filters are dry again, reinsert the filters.
- G) Reinsert the dust container and close the lid of the robot vacuum cleaner.

- ▶ Before using the appliance for the first time, ensure that the filter has been inserted correctly in the dust container.

12.2. Cleaning the suction opening

After a while, dirt and dust can collect around the suction opening and can reduce the vacuum power. To avoid this, the suction opening should be cleaned regularly.

- ▶ Switch off the appliance.
- ▶ Remove the main brush **12** by pressing both tabs on the cover **13** on the underside of the robot vacuum cleaner.
- ▶ Remove dust and dirt on and in the suction opening.

12.3. Cleaning the brushes

We recommend that the brushes are cleaned regularly. Please carry out the following steps:

- ▶ Switch off the appliance and place it upside down onto a flat surface with the bottom of the appliance facing upwards.
- ▶ Hold both cleaning brushes **9** and **15** firmly and pull them straight up to remove them from the appliance.



Use the supplied cleaning tool to clean the side brushes and the main brush. It is intended for removing dirt, dust and hairs.

- ▶ After cleaning, reattach the brushes.
- ▶ After a while, the brushes will need to be replaced to ensure the appliance works efficiently. Please contact our Service Centre for more information on replaceable accessories.



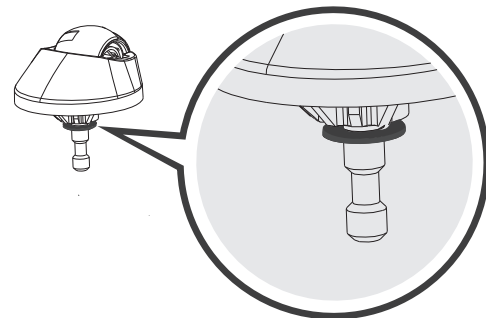
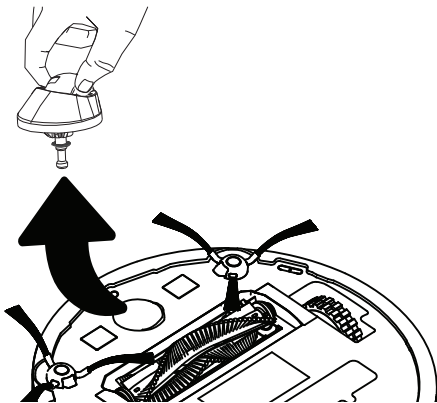
If the brushes bend, it may help to place the brushes in hot water to encourage them to return to their original shape.

12.4. Cleaning the sensors

The robot vacuum cleaner has one sensor on the front **5** and four sensors underneath **10**.

- ▶ Clean the front sensor cover and the covers of the lower sensors regularly using a soft cloth to ensure the best orientation of the robot vacuum cleaner possible.

12.5. Cleaning the front wheel



- ▶ If the front wheel is blocked, remove the wheel and clean the dirt from it using a damp cloth.
- ▶ Reinsert the front wheel until it clicks into place.

13. Reset to factory settings

- ▶ Press and hold the START/PAUSE button **▶||** **3** for approx. 10 seconds to reset the robot vacuum cleaner.

All operating lights turn off for approx. 1–2 seconds.

The robot vacuum cleaner is restarted and all operating lights turn on again.



When the appliance is reset to factory settings, all stored map information is deleted. The connection to the app must be re-established and an exploratory trip must be performed to create a new map.

14. Troubleshooting

If the appliance stops working properly, please refer to the troubleshooting table shown below to see if you can resolve the problem yourself.

Never attempt to repair the appliance yourself. If a repair is necessary, please contact our Service Centre or a suitable authorised repair workshop.

Problem	Possible cause	Solution
Main brush	The main brush jams or does not turn properly.	▶ Clean the main brush to remove dirt, fluff or hairs.
Vacuum motor	Something is blocking the suction opening.	▶ Remove the main brush and the dust container to remove objects from the suction opening.
Battery at a critically low level	The battery is too low and the robot vacuum cleaner cannot return to the charging station.	▶ Manually place the robot vacuum cleaner onto the charging station to charge it.
The wheel is stuck or does not turn properly	Wheel is blocked.	▶ Clean the wheels to remove any dirt, fluff or hairs.
No dust container	The dust container has not been inserted or has been inserted incorrectly.	▶ Insert the dust container properly.
Electrical issue	Internal software error	▶ Reset to factory settings.
The side brushes do not move.	Blocked by dirt.	▶ Remove the brushes, clean them thoroughly and replace the brushes.
Robot vacuum cleaner is stuck	The robot vacuum cleaner cannot move.	▶ Free the robot vacuum cleaner so that it can move freely again.
Robot vacuum cleaner is not on the floor.	Robot vacuum cleaner has been lifted up.	▶ Place the robot vacuum cleaner on the floor properly.

15. Storing/transporting

- ▶ When you are not using the appliance, switch off the power point and pull out the plug, and store the appliance in a dry, dust-free and frost-free environment that is not exposed to direct sunlight.
- ▶ Observe the environmental conditions specified in the technical data.
- ▶ Do not store the appliance within the reach of children.
- ▶ To avoid damage during transport, we recommend that you use the original packaging.

16. Disposal



PACKAGING

Your appliance has been packaged to protect it from damage in transit. The packaging is made of materials that can be recycled in an environmentally friendly manner.



APPLIANCE

Old appliances that carry the symbol illustrated may not be disposed of in ordinary household waste.



In accordance with Directive 2012/19/EU, these appliances must be disposed of correctly at the end of their service life.

This involves separating the materials in the appliances for the purpose of recycling and minimising the environmental impact.

Take old appliances to a collection point for electrical scrap or a recycling centre.

Contact your local waste disposal company or your local authority for more information on this subject.





RECHARGEABLE BATTERIES

The appliance is fitted with an integrated lithium-ion high performance battery. At the end of its service life, do not dispose of the appliance in the normal household rubbish. Instead, contact your local authority to find out how to dispose of it in an environmentally friendly manner at collection points for electrical and electronic scrap.

17. Technical specifications (Ecodesign Regulation 2019/1782)

Dust container volume	Approx. 0.6 l
Operating time	Approx. 120 min.
Cleaning area	Up to 200 m ²
Vacuum power	Max. 1.85 kPa
Weight	Approx. 3.5 kg
Dimensions	Approx. 34.6 x 9 x 34.6 cm
Operating temperature	+10°C to +40°C
Humidity during operation	40%–60% relative humidity
Storage temperature	+5°C to +50°C
Humidity during storage	20%–75% relative humidity
WLAN	
WLAN standard	802.11 b/g/n
Encryption	64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Frequency range	2,400–2,4835 MHz
Max. transmission power	Approx. 12 dBm
Channel	1–13
Battery block	
Lithium-ion battery block	
Model	FD-5RSW (RB)
Manufacturer	Shenzhen Unite Fortune
Capacity	2600 mAh

Rated voltage	14.4 V 
Output	37.44 Wh
Cells	4
Charging time	Approx. 3 hours
Mains adapter	
Manufacturer	Chanzeho Technology
	Importer: MEDION AG Am Zehnthof 77 45307 Essen Germany HR number: HRB 13274
Model name	CZH024180100BSWH
Input voltage/current/in- put AC frequency	100–240 V ~ 50/60 Hz
Output voltage/current	18 V  1000 mA
Output power	18.21 W
Average efficiency during operation	85.72%
Efficiency with low load (10%)	78.36%
Power consumption with zero load	0.08 W

18. EU Declaration of Conformity

MEDION AG hereby declares that this appliance complies with the fundamental requirements and the other relevant provisions of:

- Radio Equipment Directive 2014/53/EU
- Ecodesign Directive 2009/125/EC
- Low Voltage Directive 2014/35/EU
- RoHS Directive 2011/65/EU.

You can download the complete EU Declaration of Conformity at www.medion.com/conformity.

19. Privacy statement

Dear Customer,

We wish to inform you that we, MEDION AG, Am Zehnthof 77, 45307 Essen, Germany process your personal data as a data controller.

For matters regarding data protection, we are supported by our company data protection officer, who can be contacted at MEDION AG, Datenschutz, Am Zehnthof 77, D – 45307 Essen; datenschutz@medion.com. We process your data for the purpose of warranty processing and associated processes (e.g. repairs) and rely on the sales contract concluded with us when processing your data. Your data will be provided to repair service providers contracted by us for the purpose of warranty processing and associated processes (e.g. repairs). We generally store your personal data for a period of three years in order to fulfil your legal warranty rights.

You have the right to be informed of the personal data concerned as well as the right to rectification, erasure, restriction of processing, the right to object to processing and the right to data portability.

In the case of the right to be informed and the right to erasure, restrictions apply according to paragraphs 34 and 35 of the BDSG (Federal Data Protection Act) (Art. 23 of the GDPR). In addition, there is a right of appeal to a competent data protection supervisory authority (Article 77 of the GDPR in conjunction with paragraph 19 of the BDSG). For MEDION AG, this is the state official for data protection and freedom of information North Rhine-Westphalia, PO box 200444, 40212 Düsseldorf, Germany, www.ldi.nrw.de.

The processing of your data is necessary for warranty processing: it is not possible to process the warranty without the provision of the required data.

20. Service information

Please contact our Customer Service team if your device ever stops working the way you want or expect it to. There are several ways for you to contact us:

- In our Service Community, you can meet other users, as well as our staff, and you can exchange your experiences and pass on your knowledge there.
You will find our Service Community at community.medion.com.
- Alternatively, use our contact form at www.medion.com/contact.
- You can also contact our Service team via our hotline or by post.

Opening times	Hotline number UK
Mon – Fri: 08.00 – 20.00 Sat – Sun: 10.00 – 16.00	☎ 0333 3213106
	Hotline number Ireland
	☎ 1 800 992508
Service address	
MEDION Electronics Ltd. 120 Faraday Park, Faraday Road, Dorcan Swindon SN3 5JF, Wiltshire United Kingdom	



You can download this and many other sets of operating instructions from our service portal at

www.medion.com/gb/service/.

You will also find drivers and other software for a wide range of devices there.

You can also scan the QR code on the side of the screen, to download the operating instructions onto your mobile device from the service portal.

21. Legal Notice

Copyright © 2020

Date: 05.11.2020

All rights reserved.

These operating instructions are protected by copyright.

Mechanical, electronic and any other forms of reproduction are prohibited without the written permission of the manufacturer.

Copyright is owned by the company:

MEDION AG

Am Zehnthof 77

45307 Essen

Germany

Please note that you cannot use the address above for returns. Please always contact our Customer Service team first.

22. General Warranty Conditions

22.1. General information

The warranty period is 24 months and begins on the day the product is purchased. The warranty covers all types of material and product damage that could occur during normal use.

Please keep your original proof of purchase in a safe place. The warranty provider reserves the right to refuse to confirm the status of the warranty or to carry out a repair under warranty if a valid proof of purchase cannot be produced.

If it is necessary to return your device for repair, please ensure that it is suitably packaged for transportation. Unless otherwise specified, you shall bear the costs for sending the device and the transport risk. The warranty provider does not assume any liability for additional materials sent with the product that do not belong to the original package contents supplied with the product.

Please enclose as much information as possible about the fault when sending the device to the warranty provider. In order to make a valid claim under warranty and before returning the device, please contact the Service Hotline operated by the warranty provider or the Service Portal. They will provide you with information on how to proceed further.

This warranty has no effect on your statutory warranty rights and is subject to the laws of the country in which the first purchase of the product was made by the end customer.

22.1.1. Scope

In the event of a fault on your product that is covered by this warranty, the warranty provider guarantees to repair or replace the product. The decision about whether to repair or replace the device is taken by the warranty provider. Therefore, the warranty provider can at its own discretion decide to replace a device submitted for repair under warranty with a refurbished device of the same quality.

No warranty is provided for batteries or rechargeable batteries or for consumable materials i.e. parts which have to be replaced at regular intervals during the normal use of the product e.g. video projector lamps.

A pixel error (permanently coloured, light or dark point in an image) is not generally considered a fault. Please refer to the information provided in the manual for this product for the precise number of permissible defects in the image.

The warranty provider gives no warranty for burnt-in images on plasma or LCD devices that result

from the improper use of the device. Please refer to the information provided in the manual for this product for precise instructions on operating your plasma or LCD device.

The warranty does not cover errors relating to the playback of data media that have been created in an incompatible format or as a result of using unsuitable software.

If it is discovered during the repair that the fault concerned is not covered under warranty, the warranty provider reserves the right to invoice the customer for the costs already incurred in the form of a flat-rate handling charge, as well as to charge the customer for the materials and labour required for the repair after submitting a cost estimate. You will be informed in advance as the customer about these repair charges; you are responsible for accepting or rejecting the repair process.

22.1.2. Exclusions

Malfunctions and damage to the device caused by external influences, accidental damage, improper use, changes made to the product, modifications, upgrades, the use of third-party parts, neglect, viruses or software faults, improper transport, improper packaging or loss during the return of the product are not covered by the warranty issued by the warranty provider.

The warranty will be invalidated if the fault to the device is caused by maintenance or repair carried out by someone other than a service partner authorized by the warranty provider. The warranty will also be invalidated if labels or serial numbers on the device or a component of the device have been modified or made illegible.

22.1.3. Service Hotline

Before sending the device to the warranty provider, you must contact us via the Service Hotline or the Service Portal. This ensures that you receive further information on how to make a valid claim under warranty.

The use of the hotline may be subject to a charge.

The Service Hotline should under no circumstances be considered a substitute for user training for software and hardware or reading the manual, nor does it provide support for third-party products.

22.2. Special warranty conditions for PC, notebook, pocket PC (PDA), devices with navigation functions (PNA), telephone devices, mobile telephones and devices with a memory function

Should any of the supplied options (e.g. memory cards, etc.) have a fault, you are entitled to a repair or replacement. The warranty covers material and labour costs for restoring the functionality of the product concerned.

The warranty can be invalidated if any damage to the product itself or the supplied options results from the addition of any hardware to your product that is not produced or distributed by the warranty provider.

A limited warranty is provided for supplied software. This applies to a pre-installed operating system and also to supplied programs. For software supplied with the device by the warranty provider, a warranty is issued that any data media, e.g. discs and CD-ROMs on which the software is supplied, shall be free from faults in terms of their materials and workmanship for a period of 90 days following purchase. In the event of a faulty data medium being supplied, the warranty provider shall replace the faulty data medium free of charge; any further claims are excluded. Excluding the warranty for data media, all software is supplied without warranty. Furthermore, it is not warranted that this software shall function without interruption or errors or that it will meet your requirements. In the case of map material supplied for a device with navigation functions, no warranty is provided for its completeness.

It may be necessary to delete all data from the device in order to repair it. Please ensure that you have a backup copy for all of the data on the device before sending back the device. We expressly point out that the factory settings will be restored in the event of a repair. The warranty provider assumes no liability for the cost of a software configuration, lost revenue, loss of data or software, or other consequential damages.

22.3. Special warranty conditions for repair on site or replacement on site

If there is an entitlement to on-site repair or replacement, the specific warranty terms and conditions for on-site repair or replacement shall apply to your product.

The following provisions must be ensured by you for carrying out repairs or replacements on site:

- Personnel from the warranty provider who arrive at your premises for the above-mentioned purpose must have unrestricted, safe and immediate access to the devices.
- Telecommunication facilities required by these personnel for the proper execution of your order, for testing and diagnostic purposes or for remedying faults must be provided by you at your own expense.
- You shall be personally responsible for restoring your own application software after completion of the service by the warranty provider.
- You shall be personally responsible for configuring and connecting any existing external devices after completion of the service by the warranty provider.
- The free cancellation period for repairs or replacements on site is at least 48 hours, thereafter we shall invoice you for any costs resulting from a late or missing cancellation.

