



**EN** Operator's manual  
smart Gateway

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# GARDENA smart Gateway

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## Translation of the original instructions.



For safety reasons, children and young people under 16 as well as anyone who is not familiar with these operating instructions should not use the product. Persons with reduced physical or mental abilities may use the product only if they are supervised or instructed by a responsible person. Children must be supervised to ensure that they do not play with the product. Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.

### ***Intended use:***

The **GARDENA smart Gateway** is intended for private use in domestic and hobby gardens for automatic control of smart system products by the **GARDENA smart system App**.

The **GARDENA smart Gateway** is controlled and operated by the **GARDENA smart system App**.

## 1. SAFETY

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### **Important!**

**Read the operator's manual carefully before use and keep for future reference.**



### **DANGER!**

**Risk of suffocation!**

**Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers. Keep toddlers away when you assemble the product.**



### **DANGER! Cardiac arrest!**

**This product makes an electromagnetic field while it operates. This field may under some conditions interfere with active or passive medical implants. To decrease the risk of conditions that can possibly injure or kill,**

**we recommend persons with medical implants to speak with their physician and the medical implant manufacturer before you operate the product.**

Do not open the product.

Only use the product with the included accessories.

Protect the power supply unit from moisture when connected.

The product can be used in the temperature range 0 °C to +40 °C.

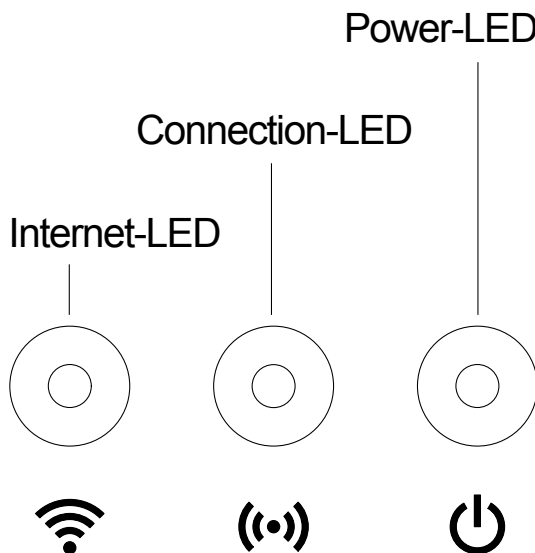
Don't use cables – connecting the products to external/outdoor interfaces.

Short Range Device Antennas and Wi-Fi Antenna are installed in the product.

Power over Ethernet is not possible.

## 2. FUNCTION

### LED-Display:



#### Internet LED:

**Green:**

**Yellow:**

**Red:**

**Red flashing:**

Connected with router and server

Hotspot mode – not connected with router

Not connected

Connected with router; not connected with server



#### Connection LED:

**Green flashing:**

**Yellow flashing:**

Receiving data

Sending data



#### Power LED:

**Green:**

**Green flashing:**

**Yellow:**

**Yellow flashing:**

**Red:**

Power On

Booting

1. Factory reset running

2. Error (restart required)

Software update

Fatal error (restart required)

### 3. INITIAL OPERATION

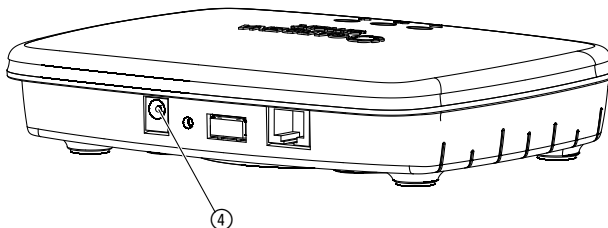
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#### **Contents:**

- smart Gateway
- Power supply unit
- Ethernet-cable

#### **To update the firmware of the smart Gateway:**

An Internet connection is required for installation of the Gateway. To be able to use all functions of the Gateway we recommend to update the firmware.



1. Connect the power supply unit to a mains socket.
2. Connect the power supply cable to the plug socket ④ of the Gateway.
3. Connect the Gateway with the provided network cable to your router.  
*The software for your Gateway is now being updated. This process can take up to 15 minutes (depending on your Internet connection).  
Once the Internet-LED and the Power LED permanently illuminate green, the Gateway is up to date.  
The Gateway can now be included in the smart system App. You can continue to use the LAN cable for this or include it now via WLAN.*

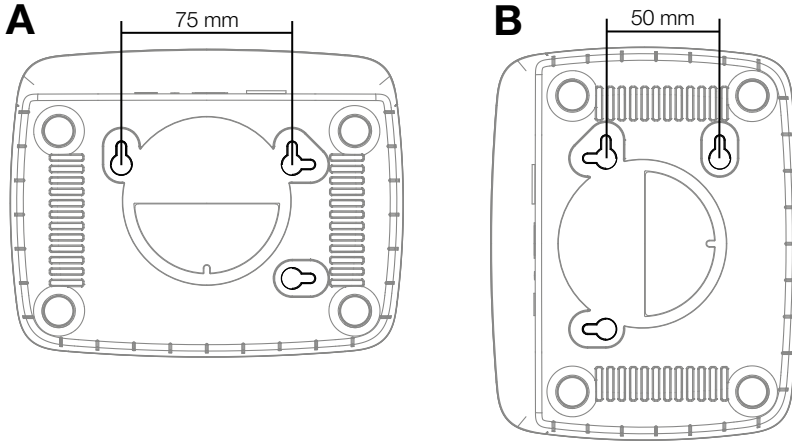
Now you can choose the location of the Gateway.

### ***The correct location for the Gateway:***

- We recommend installing the Gateway near the garden window.
- Only use the product indoors.
- Do not use in cellar or nearby metal plates or engines.
- Radio transmission may be disturbed by external influences such as electric motors or defective electrical devices.
- The radio range may be restricted in buildings (e. g. by reinforced concrete walls) or outdoors (e. g. by high humidity).
- Avoid the influence of moisture, dust, sunlight or other heat radiation.

### ***To mount the Gateway on the wall (optional):***

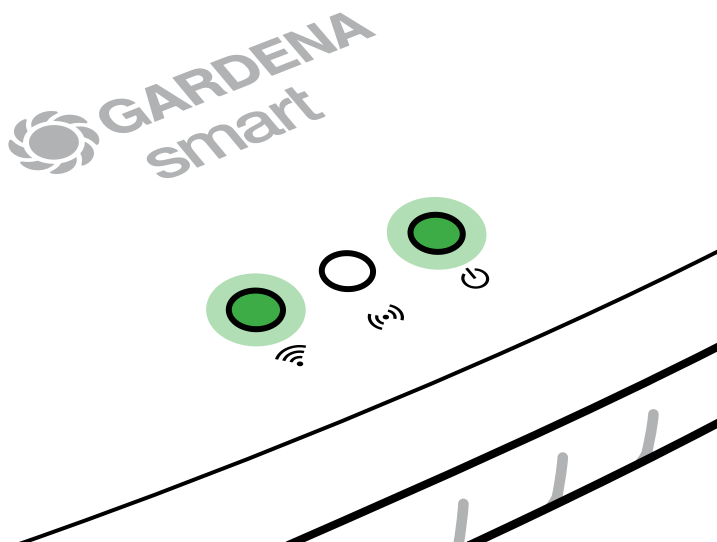
The two screws (not supplied) for attaching the Gateway have to be screwed into place **A** horizontally 75 mm/**B** vertically 50 mm apart and the screw head diameter must not exceed 8 mm.



1. Screw the screws into the wall **A** 75 mm/**B** 50 mm apart.
2. Attach the Gateway.



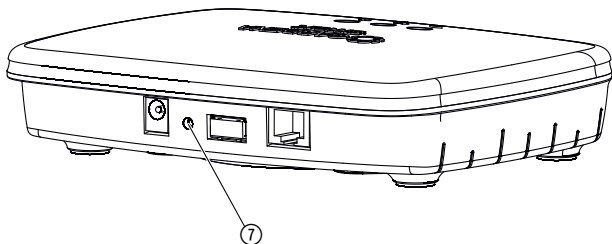
**To operate via ethernet cable (recommended):**



1. Download the **GARDENA smart system App** from the Apple App Store or the Google Play Store.
2. Follow the instructions in the App.

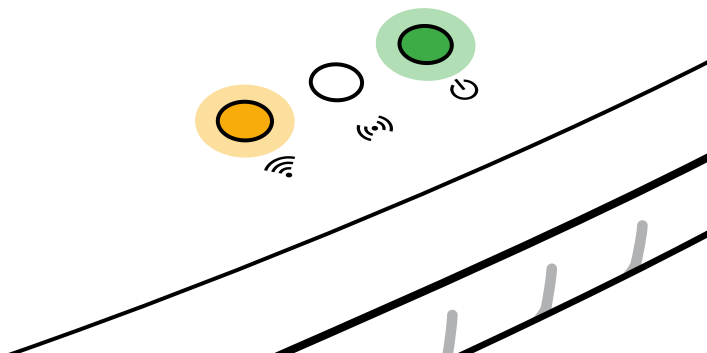
## **To connect to a Wi-Fi network:**

The LAN cable must be unplugged in order to activate the configuration network (yellow Internet LED illuminates). If it illuminates still red, briefly push the reset button ⑦.



**The configuration network is activated as long as the Internet LED permanently illuminates yellow.**

 **GARDENA**  
smart



The configuration network remains active for 15 minutes. After the 15 minutes have elapsed, the configuration network can be reactivated by briefly pushing the reset button ⑦.

## To configure the Wi-Fi network with an iOS device (iPhone, iPad):

1. Download the **GARDENA smart system App** from the Apple App Store.
2. Follow the instructions in the App.

### Apple HomeKit code on bottom of Gateway available

1. Wait until the Internet LED lights up yellow permanently (the configuration network is activated).  
  
If the Internet LED is red, briefly press the reset button to activate the configuration network.

### Apple HomeKit code not available on bottom of Gateway

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Wait until the Internet LED lights up yellow permanently (the configuration network is activated).<br/><br/>If the Internet LED is red, briefly press the reset button to activate the configuration network.</li> </ol> | <p>Open the <b>GARDENA smart system App</b> and follow the instructions for initial setup.</p>   |
| <ol style="list-style-type: none"> <li>2. Open the <b>Apple Home App</b> (located by default on your mobile iOS device).</li> </ol>  | <p>Then go under in the <b>GARDENA smart system App</b>:<br/><i>Settings</i> → <i>SmartHome</i></p> <p>The Apple HomeKit setup code will now be displayed.</p> |
| <ol style="list-style-type: none"> <li>3. Choose "<i>Include device</i>".</li> </ol>   | <p>Make a note of this code<br/><b>(Info:</b> the code remains permanently the same and belongs firmly to your Gateway).</p>                                   |

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**Apple HomeKit code on bottom of Gateway available**

4. Scan the HomeKit label **on the bottom of the Gateway**.

**Apple HomeKit code not available on bottom of Gateway**

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Wait until the Internet LED lights up yellow permanently (the configuration network is activated).

If the Internet LED is red, briefly press the reset button to activate the configuration network.

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5. Wait until the Internet LED and the Power LED light up permanently green.

Open the **Apple Home App** (located by default on your mobile iOS device) and follow the instructions:

- *Add device*
- *Code missing or cannot be scanned*
- *Enter manual code*

- 
6. The Gateway can now be integrated into the **GARDENA smart system App**.

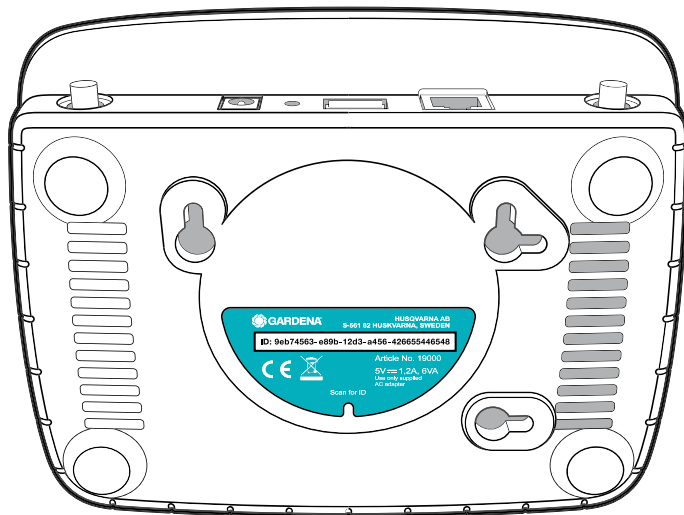
Wait until the Internet LED and the Power LED light up permanently green.

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## To configure a WLAN network using an Android device or a web app (<https://smart.gardena.com>):

Wait until the Internet LED illuminates yellow permanently (the configuration network is activated).

To establish a connection via Wi-Fi, you need your Gateway ID. The Gateway ID can be read on the sticker on the underside of the Gateway. You will also need the password for your Wi-Fi network.



1. Connect to the GARDENA configuration network. To do this, go to the Wi-Fi settings on your smartphone, tablet or computer. *The Gateway should now be displayed there as an available Wi-Fi network.*  
The network name starts with "GARDENA\_config.xxxx".
2. Connect to this network.
3. Open the URL:

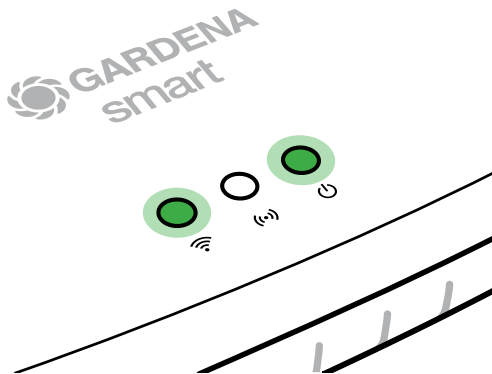
<http://10.0.0.1>

in your preferred Internet browser. (Also, make sure JavaScript is activated and browser cookies are accepted, in order to display the page correctly. Connecting the Gateway is not supported by Internet Explorer. Please use a different browser e.g. Safari/Google Chrome.)  
*You should now see the Gateway Interface.*

Gateway ID: 9eb74563-e89b-12d3-a456-426655446548

Password Gateway Interface:  
9eb74563

4. Login using the first eight digits of your Gateway ID as the password (see graphic). **The Gateway ID is located on the bottom side of the Gateway.**
5. Under **WLAN Network**, select your own WLAN network that you want to use to connect the Gateway to the Internet.
6. Enter your own Wi-Fi network password and confirm your settings.
7. Wait until the Internet LED and the Power-LED permanently illuminate green.  
*The Gateway can now be included in the GARDENA smart system App.*



**Note:** Because the GARDENA configuration network does not have its own Internet access, your smartphone/tablet may automatically leave the GARDENA configuration network or displays an error message. In this case, you must allow a connection without Internet access to be maintained in the settings of your smartphone/tablet.

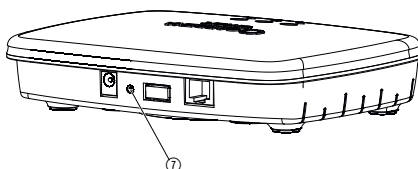
## 4. OPERATION

### **To operate with the GARDENA smart system App:**

You can use the **GARDENA smart system App** to control all smart system products from anywhere at any time. You can download the free **GARDENA smart system App** from the Apple App Store or from the Google Play Store.

All GARDENA smart products are integrated via the app. Follow the instructions inside the App.

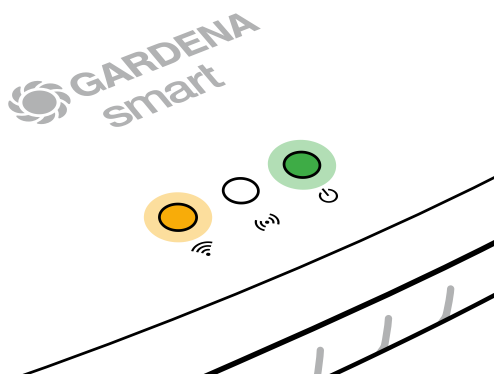
### **Factory Reset:**



The smart Gateway will be reset to the factory settings (not deleted from an existing Gardena Smart system account).

You may need to use the reset function if for example you want to link your Gateway to a new Wi-Fi network.

1. Disconnect the Gateway from the power supply.
2. Push and hold down the Reset key Ⓡ; while you reconnect the Gateway to the mains, until the Power-LED lights up yellow.
3. Release the reset button Ⓡ and start the initial operation (see 3. INITIAL OPERATION).
4. Wait until the power LED lights green.  
*This may take up to 15 minutes.*



## 5. MAINTENANCE

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### ***To clean the Gateway:***

No caustic/abrasive cleaning agents should be used.

→ **Clean Gateway with a damp cloth (do not use solvent).**

## 6. STORAGE

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### ***To put into storage:***

The product must be stored away from children.

→ Do not stow the product outdoors if not in use.

### ***Disposal:***

*(in accordance with RL2012/19/EC)*



The product must not be disposed of to normal household waste. It must be disposed of in line with local environmental regulations.

### **IMPORTANT!**

Dispose of the product through or via your municipal recycling collection centre.



## 7. TROUBLESHOOTING

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### **Problem:**

The internet LED flashes red.

### **Possible Cause:**

The Gateway does not reach the required ports.

### **Remedy:**

Outgoing connections from the Gateway must be able to reach the following ports in the Internet and/or your Router. (Usually no configuration needs to be changed, this list is a reference for advanced users.):

- 53 TCP / UDP (DNS)
- 67/68 UDP (DHCP)
- 123 TCP / UDP (NTP)
- 80 TCP (HTTP)
- 443 TCP (HTTPS)



**NOTE: For any other malfunctions please contact the GARDENA service department. Repairs must only be done by GARDENA service departments or specialist dealers approved by GARDENA.**

## 8. TECHNICAL DATA

	Unit	Value
<b>Operation temperature range (indoors)</b>	°C	0 to +40
<b>Internal SRD:</b>		
<b>Frequency range</b>	MHz	863 – 870
<b>Maximum power</b>	mW	25
<b>Free field radio range</b>	m (approx.)	100
<b>Wi-Fi</b>		
<b>Frequency range</b>	MHz	2400 – 2483,5
<b>Maximum power</b>	mW	100
<b>Standards supported</b>		IEEE 802.11b/g/n
<b>Ethernet</b>		
<b>Port</b>		1 LAN port via RJ45 socket
<b>Data connection</b>		Standard Ethernet 10/100 Base-T
<b>Power supply unit</b>		
<b>Mains voltage</b>	V (AC)	100 – 240
<b>Mains frequency</b>	Hz	50 – 60
<b>Max. output voltage</b>	V (DC)	5
<b>Rated output current</b>	A	1
<b>Input ratings of the Gateway unit</b>	V (DC) / A	5 / 1
<b>Dimensions (W x H x D)</b>	mm	57 x 128 x 58
<b>Weight</b>	g	120

### **EC Declaration of Conformity:**

Hereby, GARDENA Manufacturing GmbH declares that the radio equipment type (Art. 19000/19005) is in compliance with directive 2014/53/EU.

The full text of the EC declaration of conformity is available at the following internet address:

**<http://www.gardena.com/int/support/safety-regulations>**

## 9. SERVICE/WARRANTY

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### **Service:**

Please contact the address on the back page.

### **Warranty statement:**

In the event of a warranty claim, no charge is levied to you for the services provided.

GARDENA Manufacturing GmbH grants a warranty for all original GARDENA new products for two years from the date of original purchase from the retailer, provided that the devices have been for private use only. This manufacturer's warranty does not apply to products acquired second hand.

This warranty includes all significant defects of the product that can be proved to be material or manufacturing faults.

This warranty is fulfilled by supplying a fully functional replacement product or by repairing the faulty product sent to us free of charge; we reserve the right to choose between these options. This service is subject to the following provisions:

- The product has been used for its intended purpose as per the recommendations in the operating instructions.
- Neither the purchaser nor a third party has attempted to open or repair the product.
- Only Original GARDENA replacement parts and wear parts have been used for operation.
- Presentation of the receipt

Normal wear and tear of parts and components (such as blades, blade fixing parts, turbines, light bulbs, V-belts/toothed belts, impellers, air filters, spark plugs), visual changes, wear parts and consumables are excluded from the warranty.

This manufacturer's warranty is limited to replacement and repair of products in accordance with the abovementioned conditions. The manufacturer's warranty does not constitute an entitlement to lodge other claims against us as a manufacturer, such as for damages. This manufacturer's warranty does **not**, of course, affect statutory and contractual warranty claims against the dealer/retailer.

The manufacturer's warranty is governed by the law of the Federal Republic of Germany.

In case of a warranty claim, please return the faulty product, together with a copy of the receipt and a description of the fault, with postage paid to the service address.

### ***Product liability:***

In accordance with the German Product Liability Act, we hereby expressly declare that we accept no liability for damage incurred from our products where said products have not been properly repaired by a GARDENA approved service partner or where original GARDENA parts or parts authorised by GARDENA were not used.

### ***Open Source Software:***

This device contains open source software. GARDENA hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such offer is requested by the respective licenses. This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain the source code, please write in English, German or French to:

**smart.open.source@husqvarnagroup.com**

