



Art. 19005

EN **Operator's manual**
smart Gateway

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

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 indoors.

Avoid exposure to moisture and dust, as well as sunlight and other forms of heat exposure.

The wireless transmission can be disrupted as a result of external influences such as electric motors or defective electrical devices.

The wireless range may be restricted in buildings (e. g. by reinforced concrete walls) or in the open (e. g. by high levels of humidity).

Only use the product with the supplied Power supply unit.

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.

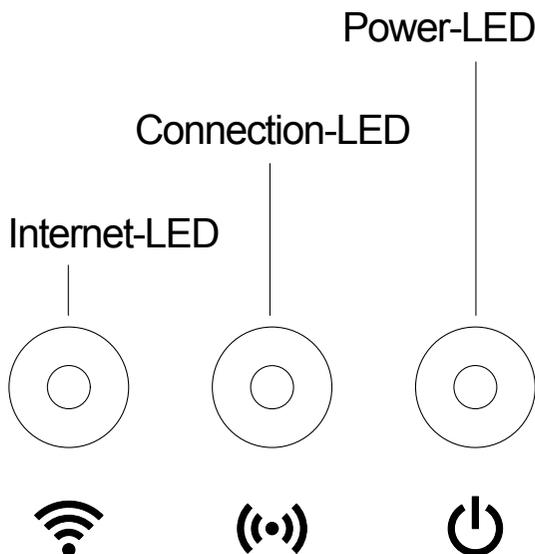
Do not use in cellar or nearby metal plates or engines.

Power over Ethernet is not possible.

The product must be supplied from ES1 (SELV) Limited Power Source.

2. FUNCTION

LED-Display:



① Internet LED:

- Green:** Connected with router and server
- Yellow:** Hotspot mode – not connected with router
- Red:** Not connected
- Red flashing:** Connected with router; not connected with server

② Connection LED:

- Green flashing:** Receiving data
- Yellow flashing:** Sending data

③ Power LED:

- Green:** Power On
- Green flashing:** Booting
- Yellow:**
 1. Factory reset running
 2. Error (restart required)
- Yellow flashing:** Software update
- Red:** Fatal error (restart required)

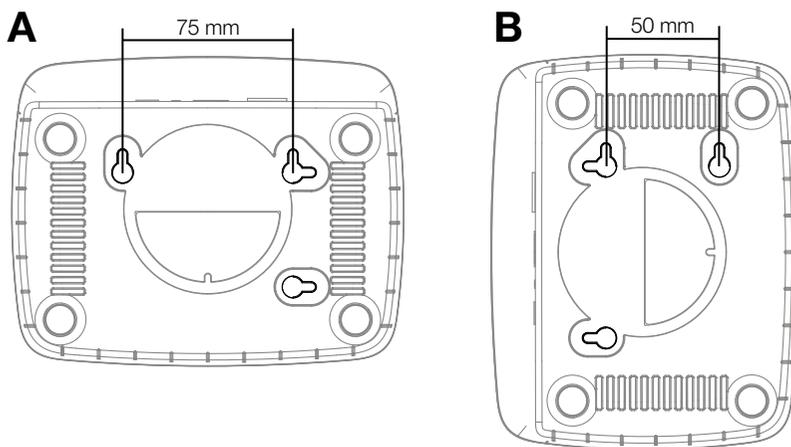
3. INITIAL OPERATION

Contents:

- Gateway unit
- Power supply unit
- Ethernet-cable

To mount 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 commission the smart Gateways:

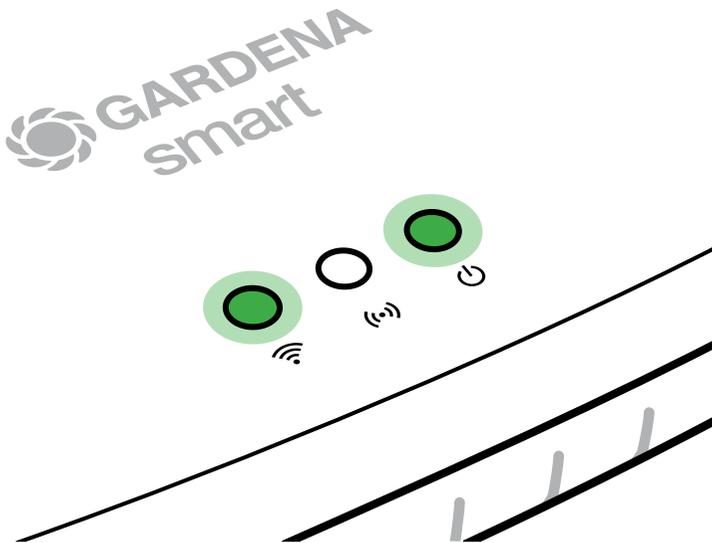
An Internet connection is required for installation of the Gateway.
The Gateway can be connected to the Internet via ethernet or Wi-Fi.



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. Select one of the following options:
To connect via ethernet cable/To connect to a Wi-Fi network

To connect via ethernet cable (recommended):

1. 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 illuminate green permanently, the Gateway is up to date. It can now be included in the App.

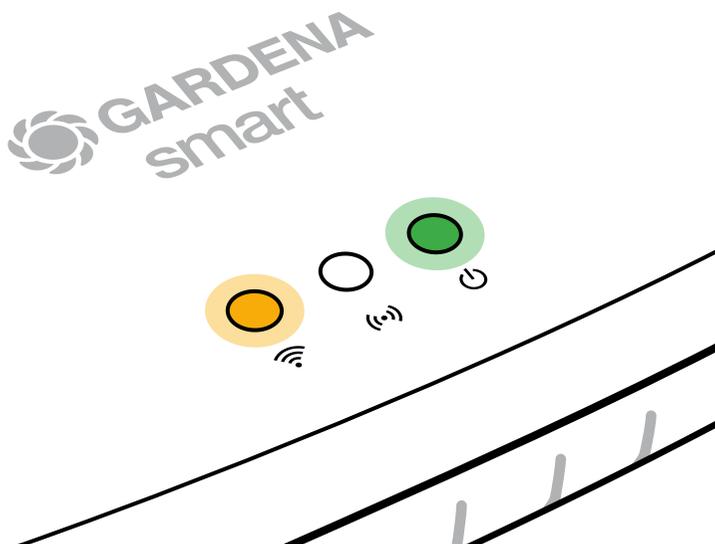


2. Download the **GARDENA smart system app** from the Apple App Store or the Google Play Store.
3. Follow the instructions in the App.

To connect to a Wi-Fi network:

If the Gateway is neither connected to the router via a LAN cable nor integrated into another Wi-Fi network, the Gateway automatically provides a configuration network after approx. 1 to 2 minutes after startup.

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

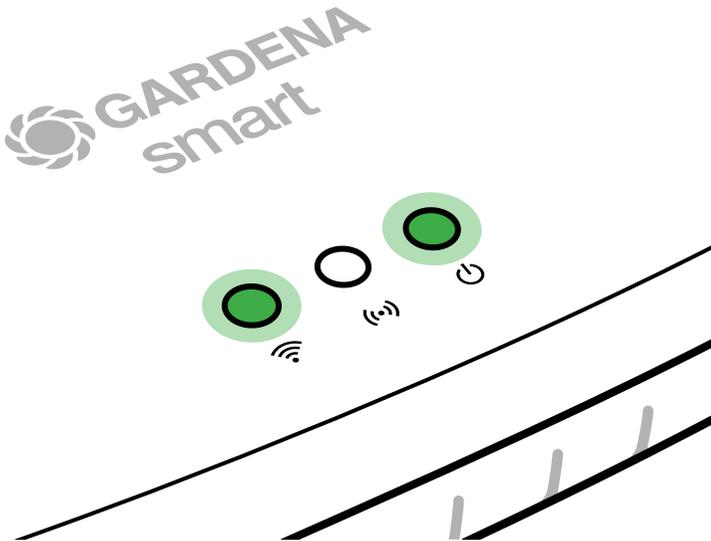


The configuration network remains active for 15 minutes. After the 15 minutes have elapsed (or if the Gateway was previously configured to another Wi-Fi network that is no longer available), the configuration network can be reactivated by briefly pushing the reset button ⑦.

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

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

1. Open the **Apple** Home App (this is located by default on your mobile iOS device).
2. Select “Add accessory”.
3. Scan the HomeKit label **on the bottom side of the Gateway**.
4. Wait until the Internet LED illuminates green permanently.
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 illuminate green permanently, your Gateway is up to date. It can now be included in the App.

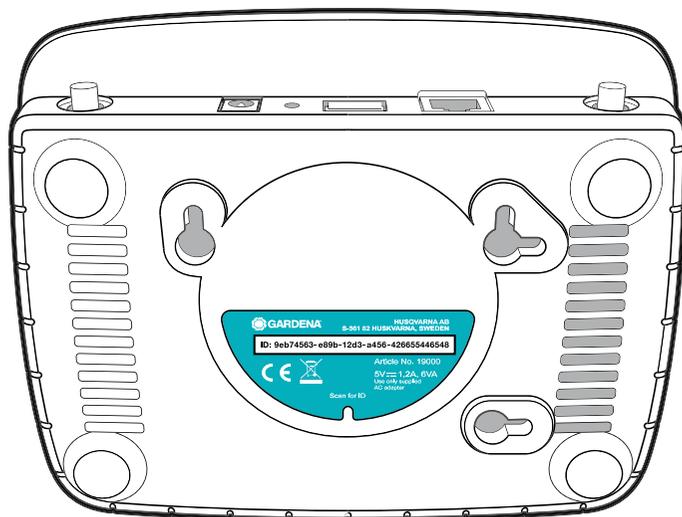


5. Download the **GARDENA smart system app** from the Apple App Store.
6. Follow the instructions in the App.

To configure the Wi-Fi network with another device:

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".
2. Open the URL:
<http://10.0.0.1>
in your preferred Internet browser.
You should now see the Gateway Interface.

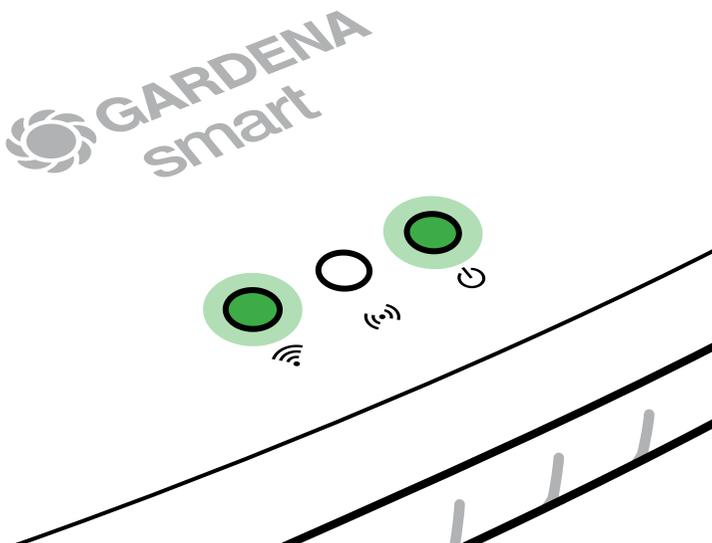
Gateway ID: 9eb74563-e89b-12d3-a456-426655446548



Password Gateway Interface:

9eb74563

3. 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.**
4. Select your home Wi-Fi network under **Wi-Fi Network**.
Then your Gateway is connected with the Internet.
5. Enter your network password and confirm your settings. Wait until the Internet LED illuminates green permanently.
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 illuminate green permanently, your Gateway is up to date. It can now be included in the App.



6. Download the **GARDENA smart system App** from the Google Play Store.
7. Follow the instructions in the App.

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

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.

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.

Make sure that the smart Gateway was successfully commissioned (see 3. INITIAL OPERATION) before connecting it to the app. All GARDENA smart products are integrated via the app. Follow the instructions inside the App.

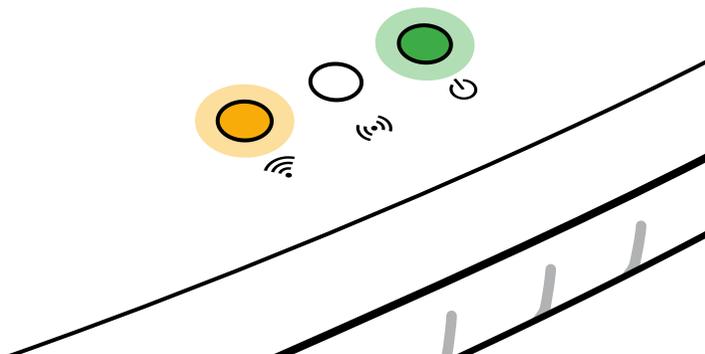
Factory Reset:



The smart Gateway will be reset to the factory settings. 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. Press and hold down the Reset key ⑦; reconnect the Gateway to the power supply and wait until the Power-LED lights up yellow.
3. Release the Reset key ⑦ and wait until the Power-LED lights up green.

 GARDENA
smart



5. MAINTENANCE

To clean the Gateway:

No caustic/abrasive cleaning agents should be used.

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

6. STORAGE

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

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 (Art. 19005-20)
Operation temperature range (indoors)	°C	0 to +40
Internal SRD:		
Frequency range	MHz	863 – 870
Maximum power	mW	25
Free field radio range	m (approx.)	100
Wi-Fi		
Frequency range	MHz	2400 – 2483.5
Maximum power	mW	100
Standards supported		IEEE 802.11b/g/n
Ethernet		
Port		1 LAN port via RJ45 socket
Data connection		Standard Ethernet 10/100 Base-T
Power supply unit		
Mains voltage	V (AC)	100 – 240
Mains frequency	Hz	50 – 60
Max. output voltage	V (DC)	5
Rated output current	A	1
Input ratings of the Gateway unit	V (DC) / A	5 / 1
Dimensions (W x H x D)	mm	57 x 128 x 58
Weight	g	120

EC Declaration of Conformity:

Hereby, GARDENA Manufacturing GmbH declares that the radio equipment type (Art. 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

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

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