

Mounting instruction and operating manual



Package contents

Quantity Description

1	Homematic IP Access Point (UK)
1	Plug-in mains adapter
1	Network cable
2	Screws
2	Plugs
1	Operating manual

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1 Homematic IP - the next smart home generation

With Homematic IP, you can install your smart home solution in just a few little steps.

The Homematic IP Access Point is the central unit of the Homematic IP system and communicates via the Homematic IP radio protocol. All devices of the system can be configured comfortably and individually with a smartphone via the Homematic IP app. The available functions provided by the Homematic IP system in combination with other components are described in the Homematic IP User Guide. All current technical documents and updates are provided at www.eQ-3.de.

2 Function and device overview

The Homematic IP Access Point is the central unit of the system.

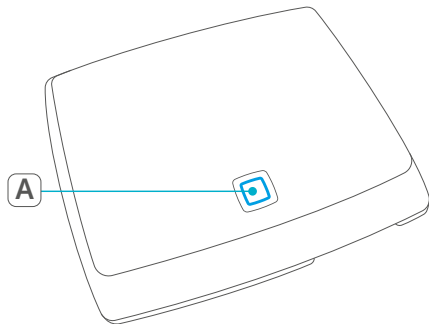
The Access Point connects the smartphone via the Homematic IP cloud with all Homematic IP devices and transmits the configuration data and control commands of the app to all Homematic IP devices. With Homematic IP, you can simply adjust your smart home solution to your personal needs at any time and place.



THE NEXT SMART HOME GENERATION

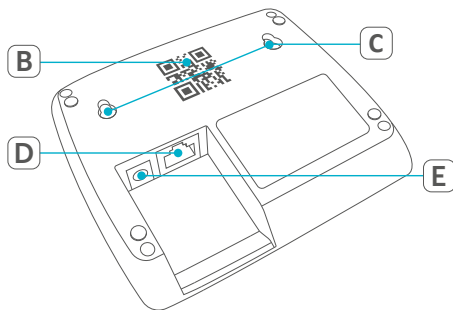
Device overview

Front



(A) System button and LED

Back



(B) QR code and device number (SGTIN)
(C) Screw holes
(D) Interface: Network cable
(E) Interface: Plug-in mains adapter

3 Information about this manual

Please read this manual carefully before beginning operation with your Homematic IP components. Keep the manual so you can refer to it at a later date if you need to. If you hand over the device to other persons for use, please hand over this manual as well.

Symbols used:



Attention!

This indicates a hazard.



Note.

This section contains important additional information!

4 Hazard information



We do not assume any liability for damage to property or personal injury caused by improper use or the failure to observe the hazard information. In such cases, any claim under warranty is extinguished! For consequential damages, we assume no liability!



Do not use the device if there are signs of damage to the housing, control elements or connecting sockets, for example, or if it demonstrates a malfunction. If you have any doubts, please have the device checked by an expert.



Do not open the device. It does not contain any parts that can be maintained by the user. In the event of an error, please have the device checked by an expert.



For safety and licensing reasons (CE), unauthorized change and/or modification of the device is not permitted.



The device may only be operated indoors and must be protected from the effects of moisture, vibrations, solar or other methods of heat radiation, cold and mechanical loads.



The device is not a toy; do not allow children to play with it. Do not leave packaging material lying around. Plastic films/bags, pieces of polystyrene, etc. can be dangerous in the hands of a child.



For power supply, only use the original plug-in mains adapter (5 V_{DC}/550 mA) delivered with the device.



The device may only be connected to an easily accessible power socket outlet. The mains adapter must be pulled out if a hazard occurs.



Always lay cables in such a way that they do not become a risk to people and domestic animals.



The device may only be operated within residential buildings.



Using the device for any purpose other than that described in this operating manual does not fall within the scope of intended use and shall invalidate any warranty or liability.

5 Start-up

This section describes how to set up your Homematic IP system step by step.

First install the Homematic IP app on your smartphone and set up your Access Point as described in the following sections. Once your Access Point has been installed successfully, you can add and integrate new Homematic IP devices to your system.

5.1 Set-up and mounting



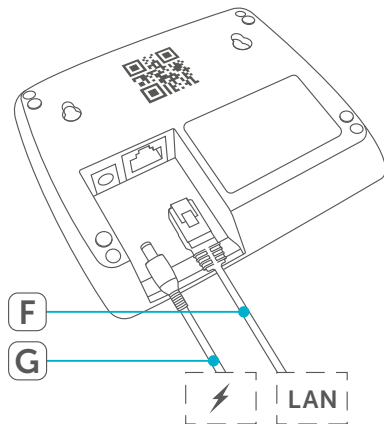
The Homematic IP app is available for iOS and Android and can be downloaded for free in the corresponding app stores.

- Please download the app in the app store and install it on your smartphone.
- Start the app.
- Place the Access Point close to your router and a socket.

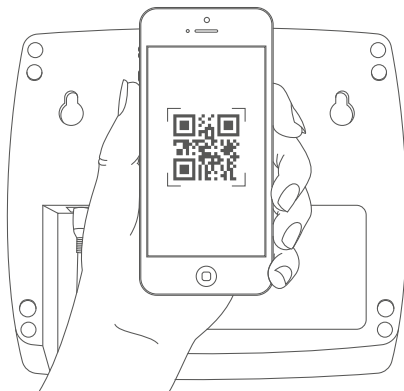


Always keep a minimum distance of 50 cm between the Homematic IP Access Point and your WLAN router.

- Connect the Access Point with the router using the supplied network cable (**F**). Provide power supply for the device using the supplied plug-in mains adapter (**G**).



- Scan the QR code (**B**) on the back side of your Access Point. You can also enter the device number (SGTIN) (**B**) of your Access Point manually.



- Please confirm in the app if the LED of your Access Point lights up permanently blue.



If the LED lights up differently, please follow the instructions in the app or see „6.3 Error codes and flashing sequences“ on page 10.

- The Access Point is registered to the server. This may take a few minutes. Please wait.
- After successful registration, please press the system button of your Access Point for confirmation.
- Teaching-in will be carried out.
- The Access Point is now set up and immediately ready for use.

5.2 First steps: Teaching-in devices and adding rooms

As soon as your Homematic IP Access Point and the Homematic IP app are ready for use, you can teach-in additional Homematic IP devices and allocate them in the app to different rooms.

- Tap on the menu symbol in the top left of the screen of your app and select the menu item **“Teach-in device”**.
- Establish the power supply of the device you want to teach-in, in order to activate the teach-in mode. For further information, please refer to the operating manual of the corresponding device.

- Follow the instructions of the app step by step.
- In the app, select the solution in which the device is used, give the device a name and create a new room or allocate it to an existing room.



Please define the device names very carefully in order to avoid assignment errors when using various devices of the same type. You can also change the device and room names later on.

5.3 Operation and configuration

After teaching-in your device successfully and allocating it to a room you can comfortably control and configure your Homematic IP system.

For further information regarding operation of the app and configuration of the Homematic IP system, please refer to the Homematic IP User Guide, available for download at www.eQ-3.de.

6 Troubleshooting

6.1 Command not confirmed

If at least one receiver does not confirm a command, this may be caused by radio interference (see „9 General information about radio operation“ on page 12). The error will be displayed in the app and may be caused by the follow:

- Receiver cannot be reached
- Receiver is unable to execute the command (load failure, mechanical blockade, etc.)
- Receiver is defective

6.2 Duty cycle

The duty cycle is a legally regulated limit of the transmission time of devices in the 868 MHz range. The aim of this regulation is to safeguard the operation of all devices working in the 868 MHz range.

In the 868 MHz frequency range we use, the maximum transmission time of any device is 1% of an hour (i.e. 36 seconds in an hour). Devices must cease transmission when they reach the 1% limit until this time restriction comes to an end. Homematic IP devices are designed and produced with 100% conformity to this regulation. During normal operation, the duty cycle is not usually reached.

However, repeated and radio-intensive teach-in processes mean that it may be reached in isolated instances during start-up or initial installation of a system. If the duty cycle limit is exceeded, the device may stop working for a brief period. The device starts working correctly again after a short period (max. 1 hour).

6.3 Error codes and flashing sequences

Flashing code	Meaning	Solution
Permanent orange lighting	Access Point is starting	Please wait shortly and observe the subsequent flashing behaviour.
Fast blue flashing	Connection to the server is being established	Wait until the connection is established and the LED lights permanently blue.
Permanent blue lighting	Normal operation, connection to server is established	You can continue operation.
Fast yellow flashing	No connection to network or router	Connect the Access Point to the network/router.

Permanent yellow lighting	No Internet connection	Please check the Internet connection and firewall settings.
Alternately long and short orange flashing	Update in progress	Please wait until the update has been completed.
Fast red flashing	Error during update	Please check the server and Internet connection. Re-start the Access Point.
Fast orange flashing	Stage before restoring the factory settings	Press and hold down the system button again for 4s, until the status LED lights up green.
1x long green lighting	Reset confirmed	You can continue operation.
1x long red lighting	Reset failed	Please try again.

7 Restore factory settings



The factory settings of the Access Point can be restored. This will delete all settings of the entire Homematic IP system. The factory settings of your Homematic IP devices have to be restored as well.

To restore the factory settings of the Access Point, please proceed as follows:

- Disconnect the Access Point from the power supply. Therefore, unplug the mains adapter.
- Plug-in the mains adapter again and press and hold down the system button for 4s at the same time, until the LED will quickly start flashing orange.
- Release the system button.
- Press and hold down the system button again for 4s, until the status LED lights up green. If the LED lights up red, please try again.
- Release the system button to finish the procedure.

The device will perform a restart.

8 Maintenance and cleaning



The device does not require you to carry out any maintenance. Enlist the help of an expert to carry out any maintenance or repairs.

Clean the device using a soft, lint-free cloth that is clean and dry. You may dampen the cloth a little with lukewarm water in order to remove more stubborn marks. Do not use any detergents containing solvents, as they could corrode the plastic housing and label.

9 General information about radio operation

Radio transmission is performed on a non-exclusive transmission path, which means that there is a possibility of interference occurring. Interference can also be caused by switching operations, electrical motors or defective electrical devices.



The range of transmission within buildings can differ greatly from that available in the open air. Besides the transmitting power and the reception characteristics of the receiver, environmental factors such as humidity in the vicinity have an important role to play, as do on-site structural/screening conditions.

eQ-3 AG hereby declares that this device complies with the essential requirements and other relevant regulations of Directive 1999/5/EC. You can find the full declaration of conformity at www.eQ-3.de.

10 Technical specifications

Device short description:	HmIP-HAP-UK
Supply voltage	
plug-in mains adapter (input):	100 V-240 V/50 Hz
Power consumption	
plug-in mains adapter:	2.5 W max.
Supply voltage:	5 V _{DC}
Current consumption:	500 mA max.
Standby	
power consumption:	1.1 W
Degree of protection:	IP20
Ambient temperature:	5 to 35 °C
Dimensions (W x H x D):	118 x 104 x 26 mm
Weight:	153 g
Radio frequency:	868.3 MHz/ 869.525 MHz
Receiver category:	SRD category 2
Typ. open area RF range:	400 m
Duty cycle:	< 1% per h/ < 10% per h
Network:	10/100 MBit/s, Auto-MDIX

Subject to technical changes.

Instructions for disposal



Do not dispose of the device with regular domestic waste! Electronic equipment must be disposed of at local collection points for waste electronic equipment in compliance with the Waste Electrical and Electronic Equipment Directive.

Information about conformity



The CE sign is a free trading sign addressed exclusively to the authorities and does not include any warranty of any properties.



For technical support, please contact your retailer.

Free download of the Homematic IP app!



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