

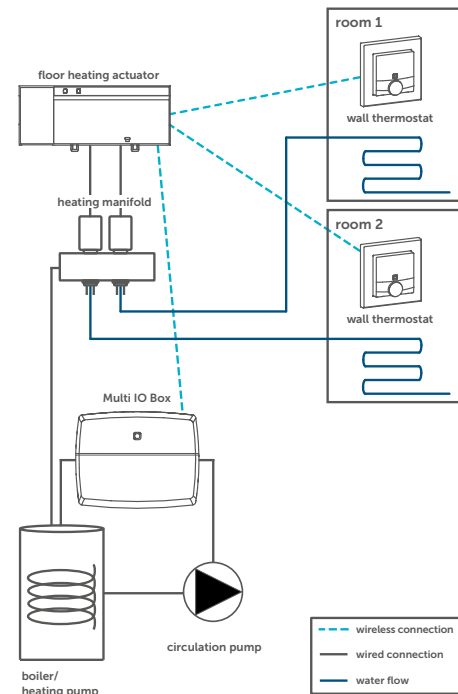


## Floor Heating Control with Homematic IP

homematic 

# MODERN, WIRELESS FLOOR HEATING CONTROL

- ✓ Heating control for floor heating systems and other water based surface heatings
- ✓ Reliable and secure wireless communication with Homematic IP
- ✓ Most advanced control algorithms ensure high energy efficiency, also adjusted to different floor structures
- ✓ Easy installation without hard and software tools or training
- ✓ Easily integrated into a smart home solution with the Homematic IP Access Point and operated via the Homematic IP smartphone app



## PRODUCT

## FEATURES

### Wall Thermostat (WTH-2)



- ✓ Wall thermostat with LC display for time-controlled regulation
- ✓ Operation also possible without Homematic IP Access Point or Homematic CCU2 with floor heating actuators and Multi IO Box
- ✓ Allows integration into switch systems with 55 mm frames

### Floor Heating Actuator – 230 V, 6/10 channels



- ✓ Controls the floor heating system and, if required, the heating pump
- ✓ Individual room-by-room temperature control
- ✓ Efficient heating and cooling of rooms via floor surfaces (if a heating pump is used)

### Floor Heating Actuator – 24 V, 6/10 channels



- ✓ Controls the floor heating system and, if required, the heating pump
- ✓ Individual room-by-room temperature control
- ✓ Efficient heating and cooling of rooms via floor surfaces (if a heating pump is used)

### Transformer for Floor Heating Actuators, 24 V



- ✓ Offers supply voltage for floor heating actuators with 24 V
- ✓ Durable and long-lasting toroidal transformer
- ✓ Quick start-up thanks to pre-assembled connection cables
- ✓ 1.5 A AC power supply

### Multi IO Box



- ✓ Separate, wireless control unit for switching the boiler and the circulation or heating pump
- ✓ Change-over from heating to cooling operation by configuring the corresponding switching output and input
- ✓ Can be used with up to four floor heating actuators even without Homematic IP Access Point or Homematic CCU2

# SMART HOME INTEGRATION WITHOUT EXTRA COSTS

Affordable entry, expandable at any time

## STAND ALONE

All features provided by an integrated floor heating solution and still less expensive than simple, wired switching regulator systems.



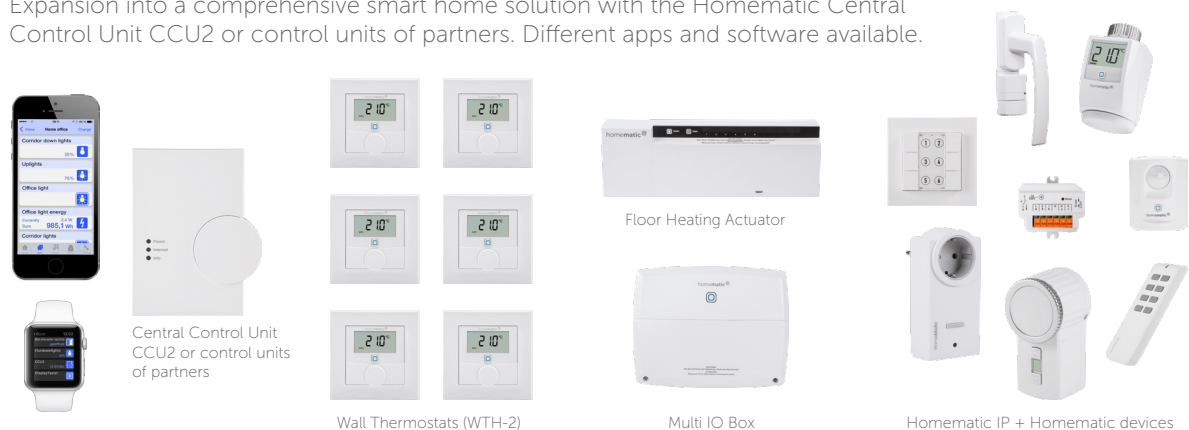
## HOMEMATIC IP SMART HOME - CONFIGURATION AND OPERATION VIA APP

Expansion into a smart home system with Homematic IP Access Point, cloud and free smartphone app for iOS and Android.



## COMPREHENSIVE SMART HOME SOLUTION

Expansion into a comprehensive smart home solution with the Homematic Central Control Unit CCU2 or control units of partners. Different apps and software available.





# WHAT MAKES HOMEMATIC IP SO SPECIAL

Homematic IP is the next generation of the successful smart home system Homematic by eQ-3.

The Homematic IP range already includes products for climate control, security applications and light control. The climate control devices offer demand-based room-by-room control of radiators throughout the entire house, enabling users to save up to 30 % on their energy costs. And also floor heating systems can efficiently be controlled with Homematic IP products. No movement goes unnoticed with the security components. Windows and doors report in as soon as they are opened; just a quick glance at the app is all it takes to see that everything is as it should be at home – even if you're thousands of miles away. Your comfort is enhanced with the switching and dimming actuators for light control, that can be easily integrated into the design of existing switch series. With continuous expansion of product range and features, Homematic IP is growing into one of the most comprehensive smart home systems worldwide.

The entire solution can be intuitively set up and conveniently controlled via a smartphone app (iOS and Android). Furthermore, Homematic IP devices, switching groups or system states (e.g. the eco or alarm mode) can be controlled via remote control, push-button or even via voice control. Due to the integration of Amazon Alexa into Homematic IP, individual applications can be executed comfortably via voice control - even with devices of other manufacturers. Single devices are configured by the Homematic IP cloud service, which is run exclusively on servers located in Germany and therefore complies with European and German data protection guidelines. All data stored in the

Homematic IP cloud is completely anonymous. However, it does not permit any conclusion about the user's identity and the individual usage behaviour. All communication between the Access Point, cloud and app is encrypted. Neither during nor after installation of the app, you will need to provide private data such as name, email address or mobile phone number. Your anonymity is protected 100%.

Homematic IP builds on the strengths of Homematic, implements IPv6 – the next generation Internet protocol – in each device and therefore offers a solution tailored to the Internet of Things (IoT). Thanks to the open platform, the solution can be flexibly expanded at any time - via the Homematic Central Control Unit CCU2, all Homematic IP devices can be integrated and combined with existing Homematic installations.

As the devices communicate via radio, they can be retrofitted into houses really easily. All products communicate via the robust and reliable 868 MHz Homematic IP wireless protocol. This means that there is no interference whatsoever from WLAN, Bluetooth or other radio standards operating within the 2.4 GHz frequency band.

## Homematic IP is a brand of eQ-3 AG

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