

JUNG

# JUNG Smart Home

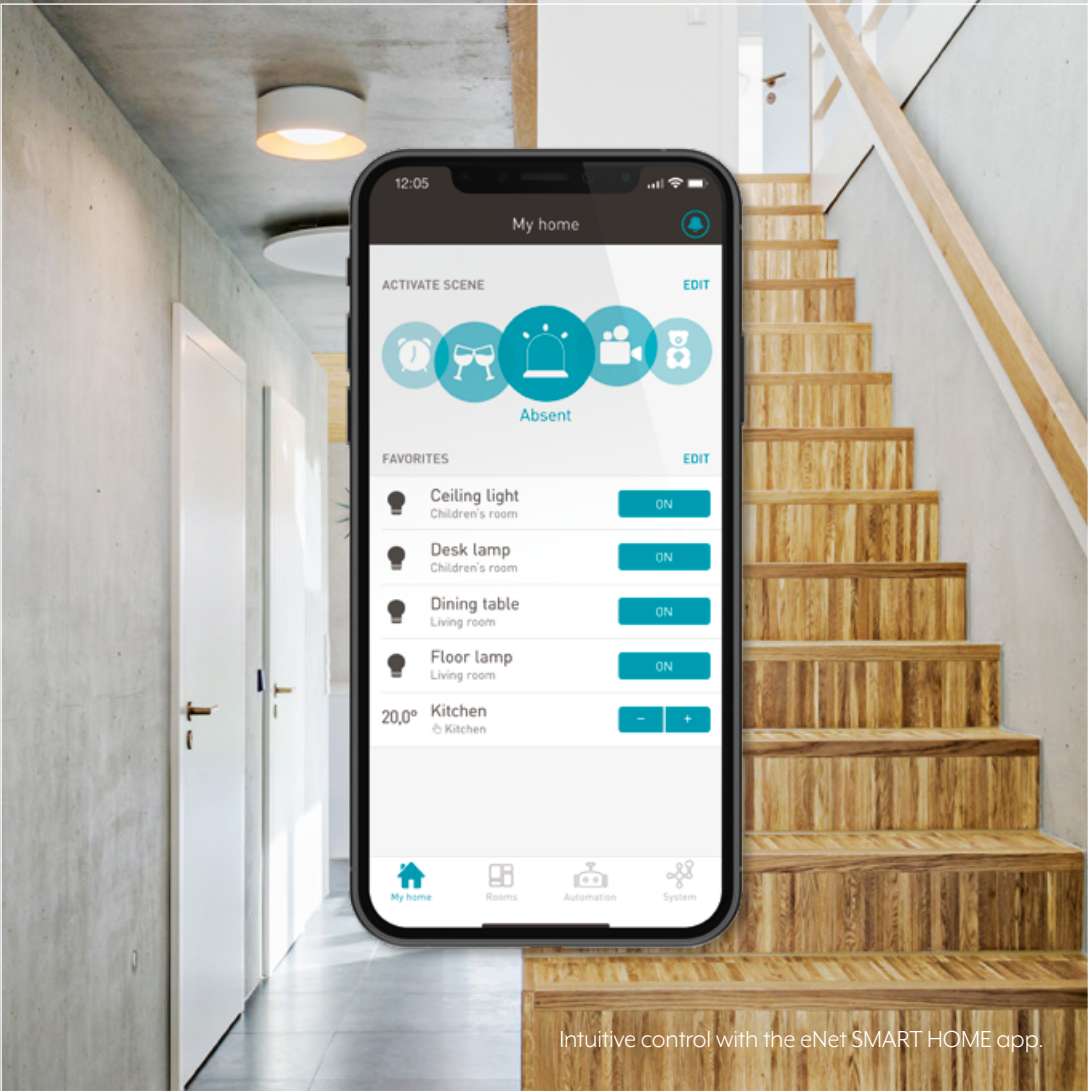


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MADE IN GERMANY SINCE 1912

eNet  
SMART HOME





Intuitive control with the eNet SMART HOME app.



14 Professional, flexible & smart: the system in summary.



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## Hello JUNG Smart Home!

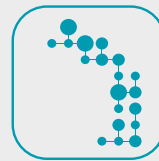
A smart home system that is not only uncomplicated to install but also easy and convenient to operate. Is that possible? Yes – with modern, radio technology in a future-proof, networked system. eNet SMART HOME is based on the high-quality products from JUNG and other brand manufacturers and offers a wide range of products and design, numerous application options and a high degree of flexibility.



# Overview of the benefits

## SWITCHING AND CONTROL, HOW YOU WANT IT

Do you want to combine blinds and lighting with each other? Do you want to retrofit a light switch next to the bed? Do you want to control the heating while away from the house? eNet SMART HOME is suitable for numerous installation tasks. The future-proof wireless system networks the control of building services in private apartments and smaller offices.



## JUNG eNet SMART HOME MAKES PROPERTY MORE SECURE

Exterior lighting, presence simulation or remote access – with eNet SMART HOME you can set up scenes, if-then rules and time controls to make your home more secure. And the security of eNet SMART HOME is not limited to only deterring uninvited guests. The communication of the networked devices is fully encrypted. For remote access via smartphone, the server location in Germany guarantees compliance with European data protection requirements.



## INSTALLED QUICKLY AND CLEANLY

New construction or old building, private household or smaller commercial unit: eNet radio receivers disappear into the existing flush-mounted sockets or in the distribution box. Your Service Partner installs the switches where they are needed. Without the walls having to be chased for this. Thus you receive intelligent building technology without inconvenient structural activities, which adapts itself at any time to your requirements.



## SMART UPDATE FOR THE STANDARD INSTALLATION

eNet SMART HOME is clever system technology that gives you all the freedom you need. With just a few simple steps, your eNet Service Partner converts the existing standard installation into a wireless application – in the entire house, in individual rooms or outdoors. If your wishes change, or if new rooms are added, simply add to the existing components, because eNet SMART HOME is a system that grows with you.







## At home in the Smart Home

The home can do more with eNet SMART HOME. Lighting, blinds, heating and many other functions can be conveniently controlled. Smaller offices and other commercial spaces become a modern smart office thanks to eNet SMART HOME.



### LIGHT

Smart lighting for your home: switching, dimming and designing complete light scenes – eNet SMART HOME makes lighting intelligent.



### BLINDS

Control light and sun protection intelligently: make blinds and awnings smart and automatically provide privacy and shade.



### HEATING

More convenience, lower heating costs: using the eNet SMART HOME app, you can conveniently integrate the heating control into the rest of the building control system.



### PRESENCE SIMULATION

Away from home but still at home: Intelligent technology creates security and makes your home appear inhabited, no matter where you are.



### ENERGY

Efficient and economical: thanks to intelligent sun, light and motion sensors, the light only switches on when it is needed.



### OUTDOORS

Everything under control outdoors: switching lighting, operating the awning, opening the garage door – eNet SMART HOME also provides more convenience outdoors.





## Simply flexible

New building, restoration or modernisation: additional wishes and demands on a smart home often only arise when the electrical installation is already finished.

### WIRELESS SOLUTION WITH SYSTEM

Differently to wired systems, in a wireless JUNG eNet SMART HOME new solutions can be integrated into the system at any time without opening up walls or costly laying of new cables. And when moving home, you simply take your smart home with you.



Start with a small smart home solution and save further measures for later? Convert a children's room into a home office and install smart technology there? After moving in to a new home, add extra switches to some rooms? None of this is a problem, as with eNet SMART HOME owners and installers stay flexible. For modernisations, existing technology such as door communication, blinds or light-

ing can usually be integrated with the eNet SMART HOME with no problems – in your own home – just like in a rented apartment. Laying new wiring is not necessary for either the installation or extending: new switches can be placed where you want and networked smartly – even building into furniture is possible. The eNet SMART HOME adapts flexibly to all desires and needs.



## The heart of the system

### eNet SERVER

The foundation of JUNG Smart Home.



The eNet server is the centre of the eNet SMART HOME. It makes programming, visualisation and control of all functions easy and it networks individual eNet devices. Its integrated Software eNet SMART HOME CONNECT serves as the commissioning tool for the complete system.





# Professional, flexible & smart

## WALL TRANSMITTERS

Switching, sensing, dimming: with wall transmitters with multiple configuration possibilities, JUNG offers the usual operation expected from light switches along with comprehensive smart home technology.



## HAND-HELD TRANSMITTER

Is your smartphone out of reach and the wall-mounted transmitter is too far away? The mobile hand-held transmitters control all activities as reliably and precisely as expected.



The most important elements in a smart home: sensors and actuators process signals and control lights, blinds, temperature and much more.

## SENSORS AND ACTUATORS



Brightness sensors and motion and presence detectors monitor particular areas and measure light and movement. Selectively adjustable with actuators, they ensure optimum convenience.

## PHYSICAL SENSORS



eNet Server



Routers

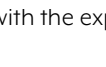
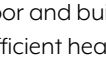


For secure door and building communication and efficient heating control, JUNG cooperates with the experts from Siedle and tado°.

## PARTNERS

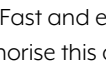
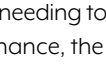
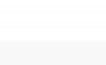
## DISPLAYS

Central operation of all functions: the touch displays of the Smart Control product range offer capacitive displays and can be operated intuitively.

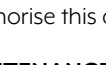
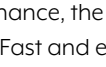
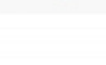


## REMOTE ACCESS

On holiday as well, everything under control: eNet SMART HOME REMOTE allows access to the smart home with smartphone and tablet via the Internet.



Internet



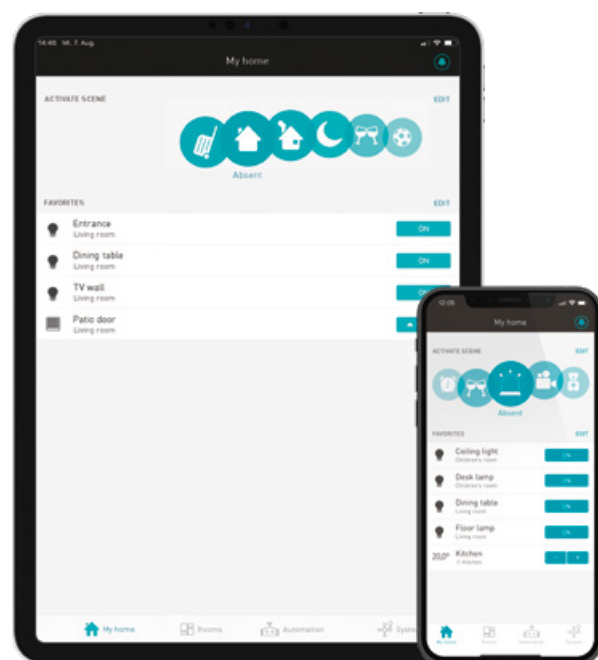
Service without needing to be at home: using remote maintenance, the installer can help with problems. Fast and easy. Users have to specifically authorise this access via the app.

## REMOTE MAINTENANCE



# The eNet SMART HOME app

## EVERYTHING UNDER CONTROL ON THE MOVE



With the free eNet SMART HOME app, all functions can be controlled conveniently.

Via smartphone and tablet or via a fixed mounted touch display – with the JUNG eNet SMART HOME app, users have access to the entire building technology at all times. Lights, blinds and other functions can be controlled

easily and intuitively via a fully encrypted, VDE-certified connection. It does not matter whether the eNet Smart Home is operated at home or on the move.





## One app, many functions



### LIGHTING CONTROL

Specifically switch lamps on or off, control the lighting intensity or decide whether individual lamps will be switched with the central controller. Everything conveniently with the app.

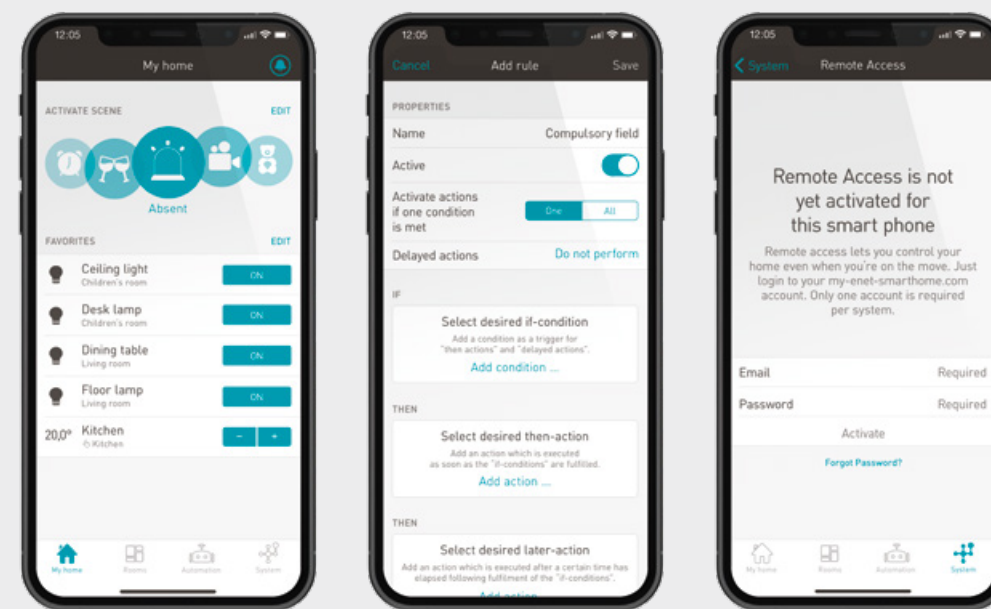
### PRIVACY AND SUN PROTECTION

Blinds and shutters can be allocated in the app per room. They can additionally be individually closed with the app and specifically moved up and down.

### HEATING CONTROL

Heat efficiently and conveniently: with the app, users have an overview of all heating values and can control the temperature easily with a fingertip.

Lights, blinds, heating: the users always have their home under control with the eNet SMART HOME app. As soon as the eNet remote access is activated, you can control your Smart Home from anywhere.



### SECURITY

With the presence simulation, multiple lamps and blinds can be controlled at individual times. If you activate this function with the app, the house looks occupied even during your holiday.

### SAVE ENERGY

Threshold values for the external brightness ensure that luminaires are automatically switched on below the value and switched off again when above the value. That saves energy effectively.

### REMOTE ACCESS

Thanks to eNet SMART HOME REMOTE, users can at any time also switch off lights, start the presence simulation or turn down the heating.

This is how to set up the app: first, the user has to connect the app and the eNet Server. To do so, it is important that the smartphone and server are on the same local network. Then it is very easy: start the app and wait briefly until the eNet Server has been found in the network. Now the user has to enter their name and password. Afterwards, press on "Log in to eNet Server" and you are finished. The connection has been made. The IP address of the eNet Server can be found on

the home page and in the system menu of the app. JUNG offers free remote access: eNet SMART HOME REMOTE allows the operation of the devices over the Internet while on the move. After a simple activation, you can start: register at [my.enet-smarthome.com](http://my.enet-smarthome.com) and set up a user account. Afterwards, connect to the eNet Server in the home network and enter the user data from [my.enet-smarthome.com](http://my.enet-smarthome.com) into the app to activate the remote access.





## Elegant touch displays

### JUNG SMART CONTROL 5



Stationary control panel with touch display: the Smart Control 5.

The JUNG Smart Control 5 is the intelligent control panel for access to all functions in the JUNG Smart Home. The high-resolution graphic display of the SC 5 has a diameter of five inches or around 13 centimetres. In design, brilliance of colours and sharpness, it is reminiscent of the latest smartphones. With an integrated proximity sensor, the display

wakes up from standby mode when the user wants to operate it. A brightness sensor automatically adapts the display brightness to the light conditions in the room. Retrofitting can be easily implemented – with its slim format, the SC 5 fits into all standard flush-mounting wall boxes. The stylish touch panel is also available in a 8-inch version.



My JUNG Smart Home  
listens to me



#### INTELLIGENT VOICE CONTROL



Hey Alexa, ok Google: in the eNet SMART HOME, many intelligent functions can also be controlled with voice commands.

Activate and dim lighting, control devices and sockets, call scenes, move blinds and shutters: with eNet SMART HOME, these and many other intelligent functions can be operated very easily with voice control as well. The smart system

is compatible both with Amazon Alexa and with Google Assistant / Google Home. To use the voice services from Amazon or Google, an eNet Server from V2.2.1 is necessary.



Works with **alexa**



## More intelligent operation

eNet F 50 WALL TRANSMITTER 3-GANG



A 550 in matt anthracite

You can switch, dim, control blinds and call scenes with the JUNG eNet wall transmitters. The battery-powered wall transmitters are simply placed where they are needed, independent of the electrical installation – on plaster, wood or even glass. You control the basic functions of your smart home without

the eNet Server. In this way, smaller solutions for individual rooms can be implemented without eNet Server. In the case of a comprehensive eNet SMART HOME installation including eNet Server, the system will also function if your home network is not available.





## Large variety of designs

**eNet F 40 WALL TRANSMITTER 4-GANG**



LS 990 in white

JUNG eNet wall transmitters are available in numerous versions. Available in the JUNG design frames of the A/AS, CD and LS ranges, they can be optimally matched to the rest of the electrical installation.

**eNet RADIO CENTRE PLATE**



LS 990 in stainless steel

**eNet F 50 WALL TRANSMITTER 4-GANG**



LS 990 in white

**eNet F 40 WALL TRANSMITTER 4-GANG**



A 550 in white

**eNet F 50 WALL TRANSMITTER 2-GANG**



A 550 in matt anthracite

Aesthetic design meets a simple operating concept: the JUNG eNet wall transmitters are convincing with their flat design, high-quality materials and convenient handling. The eNet F 40 and F 50 wall transmitters are available

in 1-gang to 4-gang versions. With the clear symbols, the function allocation is self-explanatory – simple to create with the JUNG Graphic Tool at [jung.de/gt](http://jung.de/gt).



## Control smart technology easily

### eNet HAND-HELD TRANSMITTER



Small, mobile and very easy to operate – the eNet SMART HOME hand-held transmitters.

The eNet SMART HOME hand-held transmitters are the mobile alternative to permanently installed wall transmitters. Large buttons make them easy and convenient to use.

With the hand-held transmitters, up to four freely chosen receivers such as light, blind or also garage doors can be controlled. You can specify the respective receivers yourself.





# The eNet transmitters

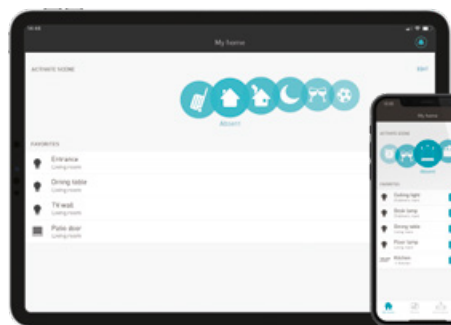
## eNet SMART HOME APP



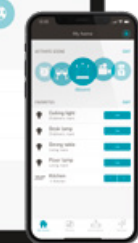
Smart Control 8



Smart Control 5



Tablet



Smartphone

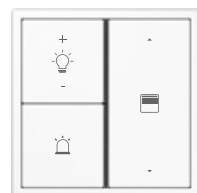
## F 40 WALL TRANSMITTER



1-gang



2-gang



3-gang



4-gang

## F 50 WALL TRANSMITTER



1-gang



2-gang



3-gang



4-gang

## eNet SMART HOME RADIO CENTRE PLATES



eNet radio centre plate "arrows"



eNet radio centre plate



eNet standard radio centre plate



eNet standard radio centre plate "arrows"

## eNet SMART HOME HAND-HELD TRANSMITTERS



4-channel



2-channel



1-channel

## eNet SMART HOME ENERGY DETECTORS



eNet Radio energy detector 1-gang Mini



eNet wireless energy detector 4-gang for rail mounting

## eNet UNIVERSAL TRANSMITTER



eNet universal radio transmitter

## eNet SMART HOME PHYSICAL SENSORS



eNet sun sensor solar



JUNG eNet Ceiling Observer



# eNet Server and receivers

## eNet SERVER

The basis of the eNet SMART HOME.



eNet receivers pick up the impulses of the eNet transmitter and convert them immediately. With these, the right receiver is always at hand for every situation and every intended use. First and foremost: the eNet Server – the centre of the eNet SMART HOME. It networks transmitters with receivers and operates them in smart dependencies.

## eNet SMART HOME RADIO CENTRE PLATES (ALSO AVAILABLE WITHOUT ARROWS)



eNet radio  
centre plate "arrows"



eNet standard radio  
centre plate "arrows"

## eNet SMART HOME FLUSH-MOUNTED ACTUATORS



eNet switch-/  
push-button actuator  
1-gang



eNet switch-/push-button  
actuator 1-gang with  
floating contact



eNet switch-/  
push-button actuator  
2-gang



eNet wireless  
dimming actuator  
1-gang



eNet wireless  
blinds actuator  
1-gang



eNet control  
unit 1-10V  
1-gang



eNet radio  
push-button controller  
DALI

## eNet SMART HOME ACTUATORS FOR RAIL MOUNTING



eNet wireless-switch-/push-button actuator  
8-gang / blinds actuator 4-gang



eNet wireless dimming actuator  
4-gang for rail mounting



eNet wireless  
dimming actuator  
1-gang



eNet wireless switch-/  
push-button actuator  
1-gang for rail mounting



eNet radio receiver  
module for  
rail mounting



eNet wireless blinds  
actuator 1-gang  
for rail mounting



## Smart partners

An eNet SMART HOME stands for comprehensive system technology that you can trust in the long term. JUNG components can be linked with no effort with products from other partners of the eNet alliance. Alongside sun protection and door communication, in this way, for example, the heating control and external lighting also become part of the smart installation:

### TADO° THERMOSTATS



tado° smart thermostat professional: controls the heating system depending on presence, weather and schedule. That means convenience, security and a saving of up to 31% in heating costs.



tado° smart radiator thermostat: allows convenient control of the heating on the device or mobile by app. An existing radiator valve can simply be replaced with the smart radiator valve.



tado° Extension Kit: connects all tado° devices with the Internet. Compatible with eNet SMART HOME, Alexa, Apple Homekit and IFTTT.

### STEINEL MOTION DETECTOR



sensIQ motion detector: ensures that outside areas are illuminated as required. This prevents trip hazards and effectively discourages burglars.



XLED PRO Square sensor floodlight: thanks to an innovative lens matrix, buildings, entrances and paths are uniformly and selectively lit up.



XLED PRO Wide floodlight sensor: light precision on a broad front. With a mounting height of up to 6 m, ideal for lighting up large areas.

## A strong alliance

SSS SIEDLE

BRUMBERG

GIRA

JUNG

● steinel

HÄFELE

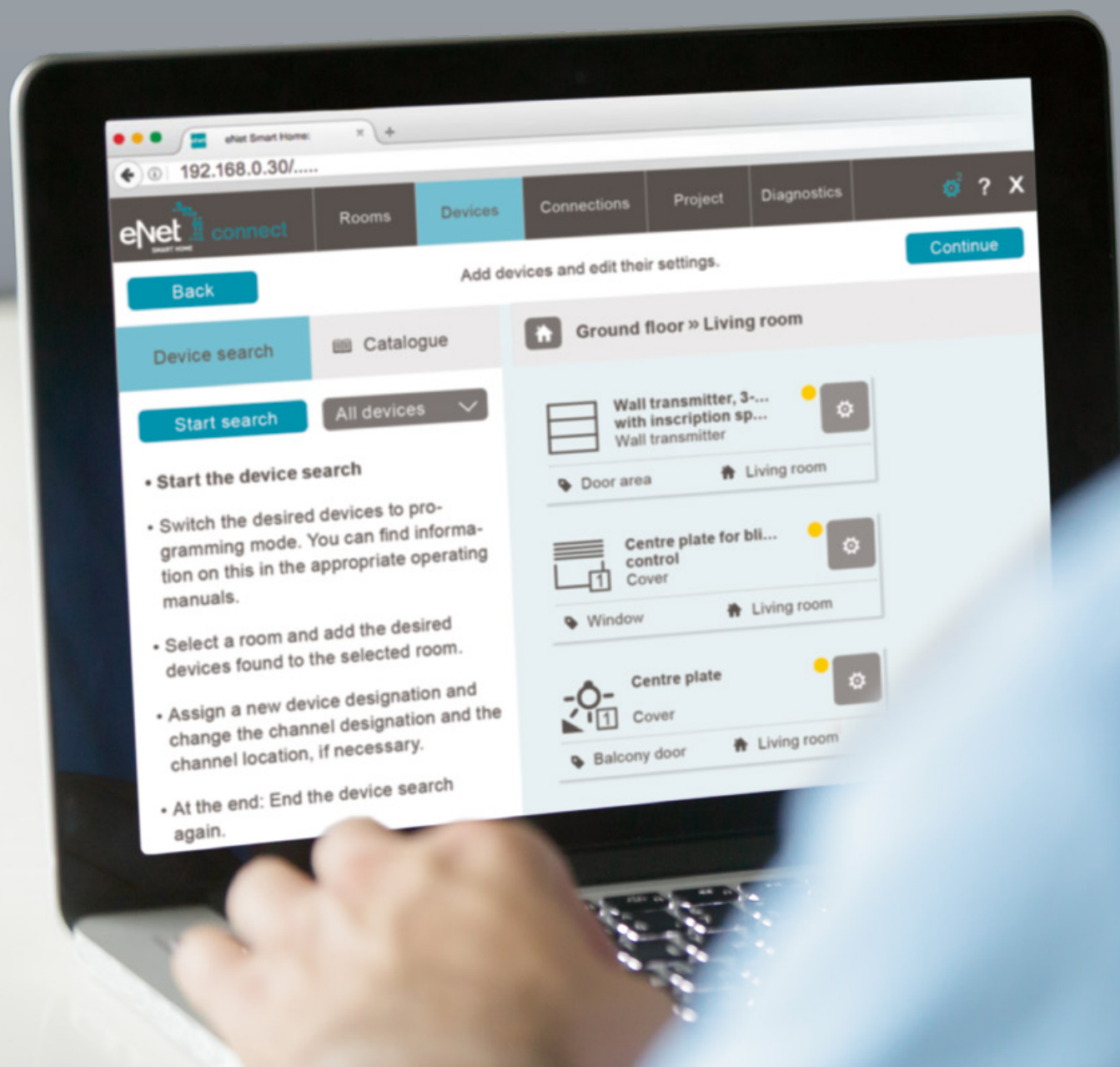
tado°

In order to be able to offer users additional added value with eNet SMART HOME, we rely on an alliance of strong partners. Together with other brand manufacturers, we are therefore consistently expanding the functionality of the eNet system.



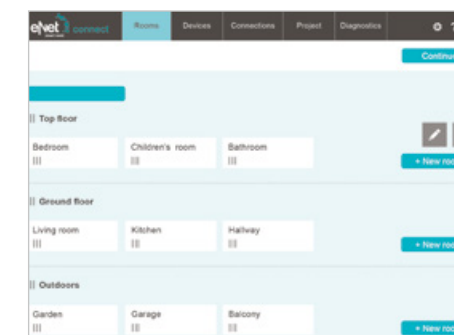
# Planning and commissioning

The installation of eNet SMART HOME is comparable to that of a standard electrical system. The basis of the planning is the discussion with the owners and architects. The installation itself works conveniently at the computer thanks to the browser-based commissioning interface eNet SMART HOME CONNECT.



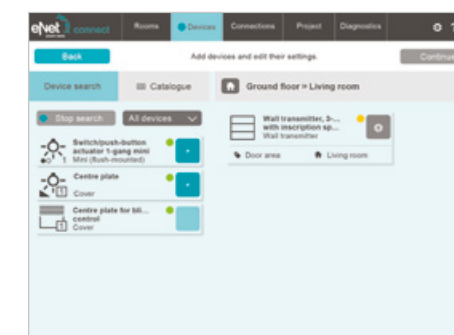
## CREATING ROOMS

First the specialist creates the rooms for a project. These can be freely named. Careful structure planning is important, as this is reflected 1:1 in the visualisation. Here as well, the basis is the desired functionality of the system: where will it be operated? Which functions will be accessible from which device? This all needs to be agreed.



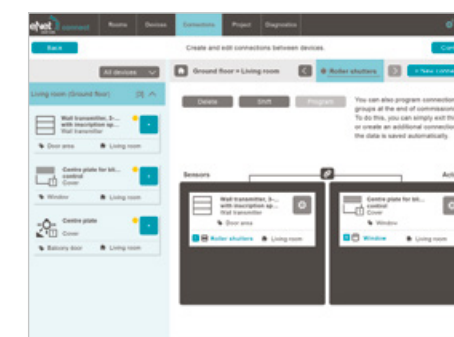
## FIND DEVICES AND ALLOCATE TO ROOMS

To add devices from the eNet SMART HOME to the project, a device search is carried out. To do so, the specialist visits eNet SMART HOME CONNECT in the browser. Here, all devices in teaching mode or that have been connected to the electrical supply recently are found and displayed. Afterwards, the devices can be allocated to rooms.



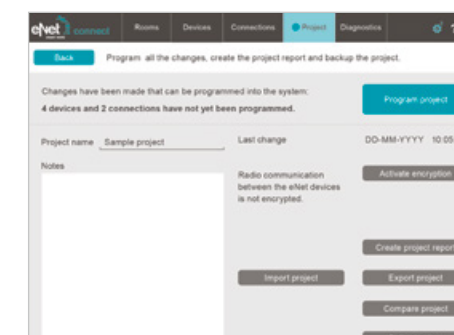
## MAKING CONNECTIONS

Now, actuator and sensor channels are assigned to each other and functionally connected with each other. The devices connected in this way communicate with each other directly when operated, which results in a very robust, fail-safe function. More extensive configurations require the configuration of the eNet Server.



## WRITING AND EXPORTING PROJECTS

In the final step, the project design data are written to the devices. The app visualisation is generated automatically. In addition, the specialist can export the project, use it as a backup or as a template for future project designs. The owner can log on to eNet SMART HOME with the app and their user data.







## JUNG Smart Home in practice

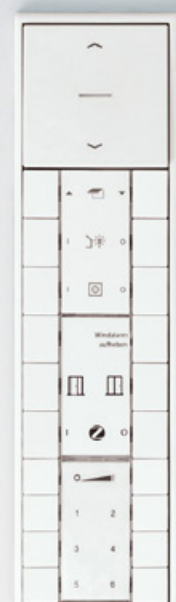
New building or renovation, detached house or apartment – eNet SMART HOME offers high-quality solutions for the greatest variety of demands. Be inspired by some of the projects that have been accomplished with the smart JUNG products.



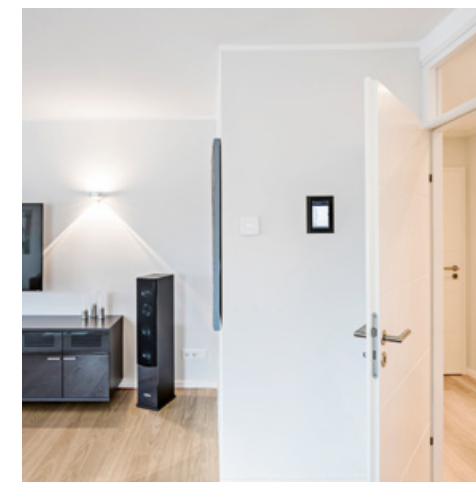
When planning her house in Marl, flexibility and smart technology played an important role for the owner. With eNet SMART HOME, designing the positioning of switches and retrofitting individual function units could not be simpler. At the heart of the new building beats a JUNG eNet Server. The automatically adjusted blinds provide the necessary private sphere as required. A sophisticated lighting

concept creates a feel-good atmosphere in all rooms. The JUNG Plug & Light floodlights provide dimmable, warm light. For the intuitive operation of the eNet SMART HOME system, F 40 push-button sensors were used in the LS ZERO design in white. In addition, all functions can also be operated via the eNet SMART HOME app from a tablet or smartphone.





## Clever technology in the Ruhr region

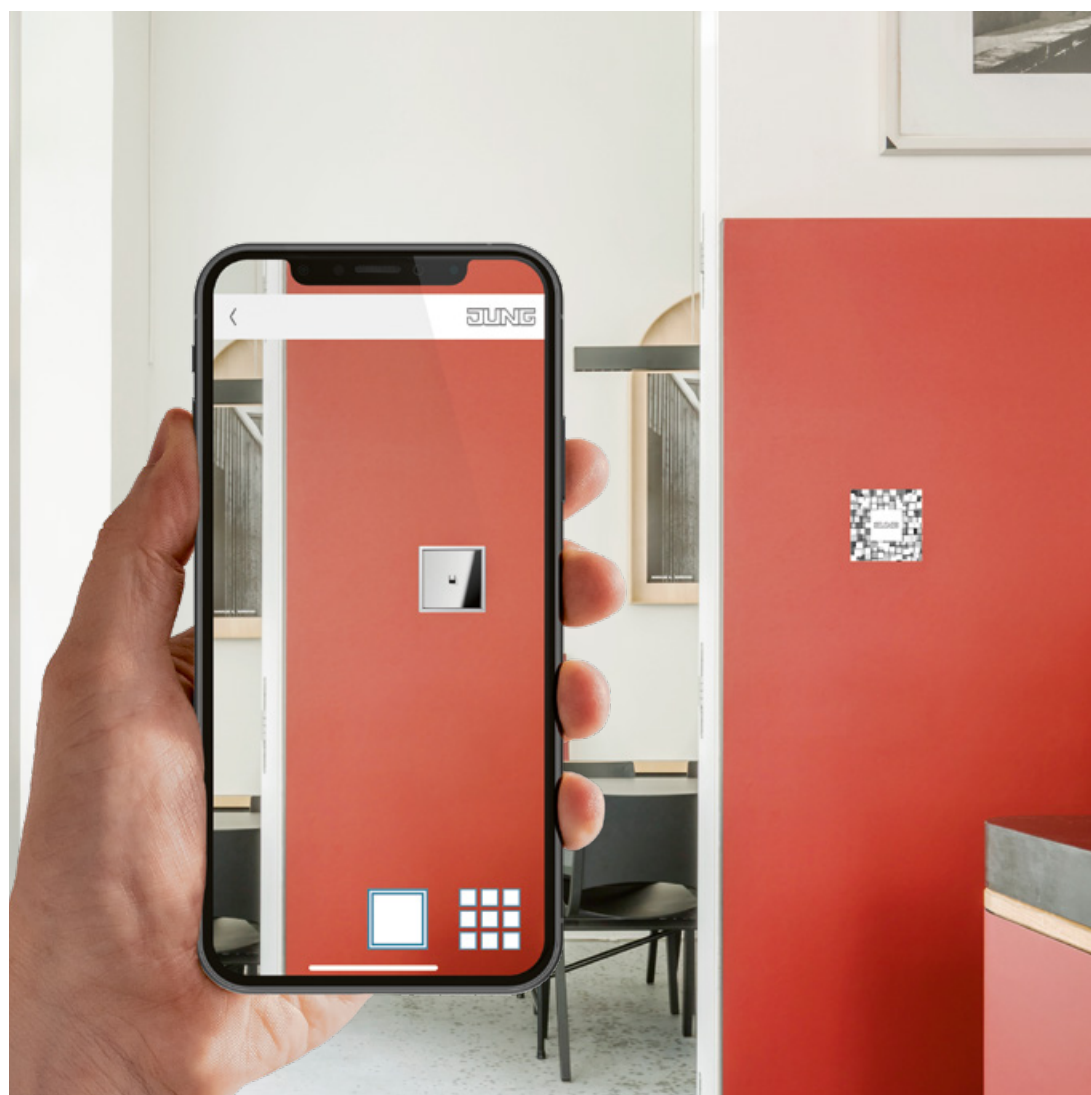


The large apartment in Bochum appeals due to clear lines and an open design. The generous rooms provide a harmonious living atmosphere with their elegant white walls and light wooden floors. The right technology for modern design is provided by eNet SMART HOME. The lighting, blinds and heating are

networked smartly and can be controlled with the F 50 push-button sensors from the LS 990 range or with the eNet SMART HOME app. Extra convenience, with programmed scenes such as the "Central Off" option, ensures that the basic lighting in the home is turned off when leaving the apartment.



# JUNG AR-Studio app



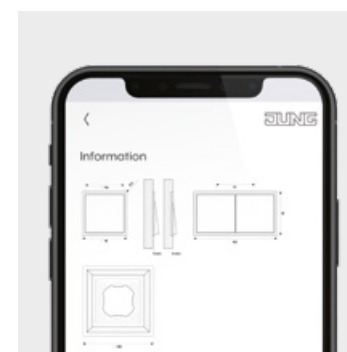
The digital sample case for when you're out and about: augmented reality enables digitally supported advice directly on site. The AR-Studio app presents the JUNG portfolio with over 2000 products in a live environment in the customer's home.



A totally new way to experience JUNG switches and solutions digitally is offered by the JUNG AR-Studio app. Surfaces, materials and colours can be experienced in a photorealistic display. The app shows how an A 550 in white looks and which frame size an LS 1912 in brass has. And all free of charge, mobile and without the need for network coverage!

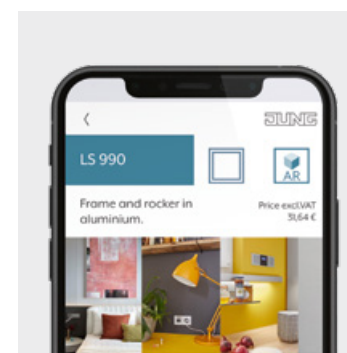


Now download the app!



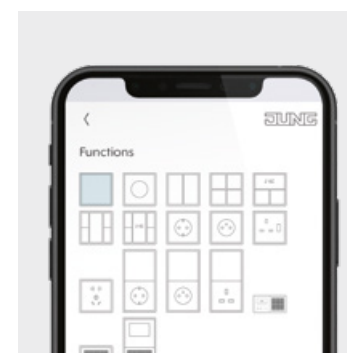
## Frame size

The app for augmented planning offers specialist planners precise information for carrying out the electrical installation. Precise and reliable. Does the desired switch from the LS PLUS JUNG design range fit in? Would a multiple frame work at the door as well? JUNG AR-Studio shows you important information such as frame sizes at a glance.



## Background knowledge

In addition to realistic live viewing, JUNG AR-Studio provides substantial background information about the JUNG portfolio. The special features of the LS 990, the distinctive design of A CREATION, the large variety of colours in the Les Couleurs® Le Corbusier – the app comprehensively presents the multi-faceted world of the JUNG design ranges.



## Versatile application possibilities

JUNG AR-Studio presents numerous products and shows the great functional versatility of KNX operating elements, rotary dimmers and much more. How do the other JUNG products work in the customer's home? Can a KNX push-button be used as well? And does a compact room controller fit and which operating possibilities does it offer? JUNG AR-Studio knows the JUNG portfolio.

# Even more eNet SMART HOME

For more information on the individual products, technical data and training possibilities: for the JUNG Smart Home there is a package of documentation and measures for specialist trades.



## eNet SMART HOME SYSTEM MANUAL

The comprehensive eNet system manual answers all questions that specialist tradespeople could have on the eNet SMART HOME. The idea and the system are demonstrated comprehensively using individual modules, technical details and functional sequences and clear application examples.



## eNet VIDEO TUTORIALS

On the JUNG web page you can find the eNet SMART HOME video tutorials for our eNet service partners. Here you can find out everything to do with commissioning, configuration, system maintenance and updates.

[jung.de/enet-tutorials](http://jung.de/enet-tutorials)



## JUNG WEB PAGE

On the JUNG web page there is all the information about the JUNG Smart Home, including brochure material, images and press articles to download. Clearly presented and illustrated. Naturally also with further links.

[jung.de/enet](http://jung.de/enet)



## JUNG ONLINE CATALOGUE

The individual items have technical information attached in the JUNG online catalogue that can be viewed and downloaded. You can find operating instructions, tender texts, data sheets, product documentation and more with a mouse click using the Info button.

[jung.de/online-catalogue](http://jung.de/online-catalogue)



## OFFICIAL WEB SITE

Everything to do with the wireless-based system can be found on the eNet SMART HOME web site. From planning through the functions to the operation with a wall transmitter or voice: this page explains the system in its smallest detail.

[enet-smarthome.com/en](http://enet-smarthome.com/en)



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