

Smart Home



MADE IN GERMANY SINCE 1912



06
KNX – the worldwide standard for the smart home.



10
Film-ready ambience.



29
The JUNG Smart Panel 8 controls and visualises the KNX system without an additional server.



34
Life in the smart home: live more conveniently and more safely with KNX.

SMART HOME

Professional smart home	04
KNX – the worldwide standard	06
Why KNX?	08

DESIGN

Reference: Film-ready ambience	10
LS 990	12
Les Couleurs® Le Corbusier	16
LS ZERO	18
Reference: Accented minimalism	20
A range	22

TECHNOLOGY

Smart mounting	26
Visualisation	28
Intelligent voice control	30
Door communication	32
Life in the smart home	34

COMPANY

Progress as tradition	36
AR Studio app	38
JUNG social media	39

Professional smart home

The intelligent home – a building that thinks with you. In which all functions of modern building management are practically interlinked and communicate with each other. Owning a smart home means extra convenience, cost-effectiveness, safety and energy efficiency. Our solutions for the modern networked home are based on the global KNX standard and are therefore absolutely future-proof.

From the basic configuration to the high-end convenience solution, everything is possible. The professional JUNG smart home can be adapted to new requirements at any time – completely individually.



Convenience

Security

Reliability

Efficiency

KNX – the worldwide standard

You can rely on KNX and KNX Secure if you want to live and work smart. The field bus is the standard for equipping private and commercial buildings with future-proof building system technology. KNX allows central and individual networking and control of the components in house and building automation.

As early as 1990, JUNG founded the European Installation Bus Association together with other companies. With the development of the European Installation Bus, we laid the foundation for the KNX standard that is uniform across the world today.

The European EN 50090 standard is established as the global standard in accordance with ISO/IEC 14543-3. With this, the KNX brand stands for the system compatibility of the products of all manufacturers. With encryption using KNX Secure, the system is now even more secure.



The intelligent, worldwide standard for the modern building: in this way, investors and owners, but also planners, architects and electricians, have long-term security. From easily operated controls to complex systems, the JUNG KNX components offer

comprehensive, futureproof solutions for controlling, visualisation and organisation of the building system technology. The smart JUNG products cover areas such as lighting, shade, heating, climate, security and multimedia.

KNX – FACTS AND FIGURES

1990 Over 30 years on the market



Over 100 000 partners in 177 countries



500 manufacturers in 46 countries



499 training centres in 73 countries

STATUS: FEBRUARY 2022

The advantages of KNX at a glance

FOR USERS

A large selection of products

Great convenience, high operational reliability

Coordinated interlinking of the devices and functions

Multifunctional use of multiple devices

A modular, scalable system

Easy to upgrade or adapt for changing needs

Independence from individual manufacturers

Increased value of the building

FOR INSTALLERS

Easier, faster device mounting and cabling

Quick connection technology that covers all manufacturers

High quality and reliability of the products

Commissioning using manufacturer-independent software (ETS)

Speed and flexibility for expansions and modifications

Remote access for maintenance and diagnostics

499 training centres worldwide

FOR ARCHITECTS

Can be used in any type of building

More than 8,000 devices from 500 manufacturers communicate with each other thanks to the KNX standard

Constant expansion of functions and applications

Commissioning using manufacturer-independent standard software (ETS)

Simple implementation of commands, operations, monitoring and displays

Connection possible to many other systems, protocols and standards

Easy logic connections between functions and devices

Certified and trained installers





Filmsets for SBS-Studios, Gyeonggi

Interior design | Design: Seoul Broadcasting System
 Photos: Seungkyun Noh
 Equipped with JUNG KNX technology in the LS 990 and LS 1912 switch ranges.

Film-ready ambience



Modern technology corresponds with baroque interior.



An invitation in warm, brown tones.



Brass – lots of shine in extravagant setting.



White in a dialogue with gold as a statement.

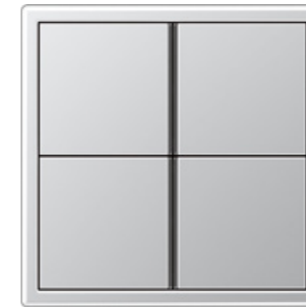
When equipping the successful SBS series “Penthouse”, the makers decided to have the switch ranges from JUNG. The clever part is that each design is matched to the character of the figures portrayed. LS 990 appears in stainless steel, white, classic brass, antique brass, dark and light grey versions with LS 1912 in classic brass. Innovative KNX technology in the background controls everything.



LS 990 in function

Designed in the Bauhaus tradition – at the same time open to the challenges of modern architecture. With LS 990, purism gains entry to the smart home.

F 40 PUSH-BUTTON



Simply press: large buttons to control the building technology.

COMPACT ROOM CONTROLLER



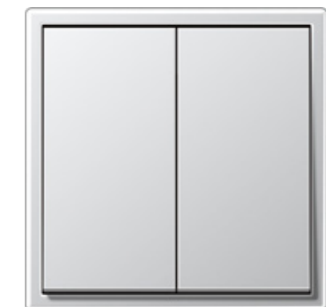
Well combined: indication in the graphic display, operation by pressing a button.

ROTARY SENSOR



Just like a regular rotary dimmer: rotate, press, activate function.

KNX F 10 PUSH-BUTTON


















Looks like a normal switch but controls KNX functions.

Set the scene with light, control sun protection as required and set the perfect room climate: with the KNX control elements and room controllers in the LS 990 range, this is possible quite easily. Operation is simply with a press of a button or a rotation.

Depending on the product, the pilot light is also shown on the graphical display. Clear symbols on the buttons make operation easier: they are marked with the JUNG Graphic Tool (jung.de/gt) using a laser or colour printing.

LS 990: consistently genuine

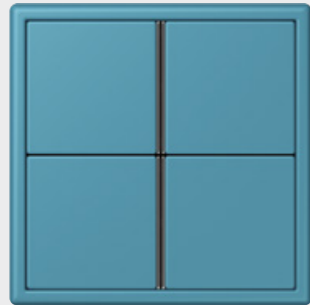
The simple square with narrow frame – uncompromisingly clear in its form and an avowed statement for purism. For example, in the proven, scratch-proof design in Duroplastic. Also, only genuine materials are used for the metal versions. Whether aluminium, stainless steel, brass or gold: they are all manufactured with maximum craftsmanship and precision.

Plastic		metal			
ivory		aluminium		gold-coloured	
white		stainless steel		gold-plated	
light grey		anthracite*		classic brass	
black		dark*		antique brass	
matt snow white		chrome		* (lacquered aluminium)	
matt graphite black					



LS 990 in Les Couleurs® Le Corbusier

KNX F 40 PUSH-BUTTON



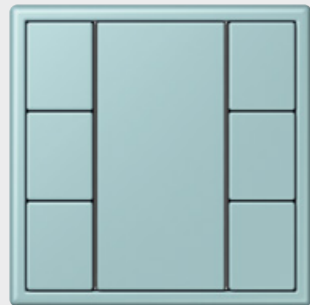
in 32031 céruléen vif HBW 30

KNX F 40 COMPACT ROOM CONTROLLER



in 32011 gris 31 HBW 29

KNX F 50 PUSH-BUTTON



in 32033 céruléen clair HBW 52

KNX F 10 PUSH-BUTTON



in 32013 gris clair 31 HBW 49

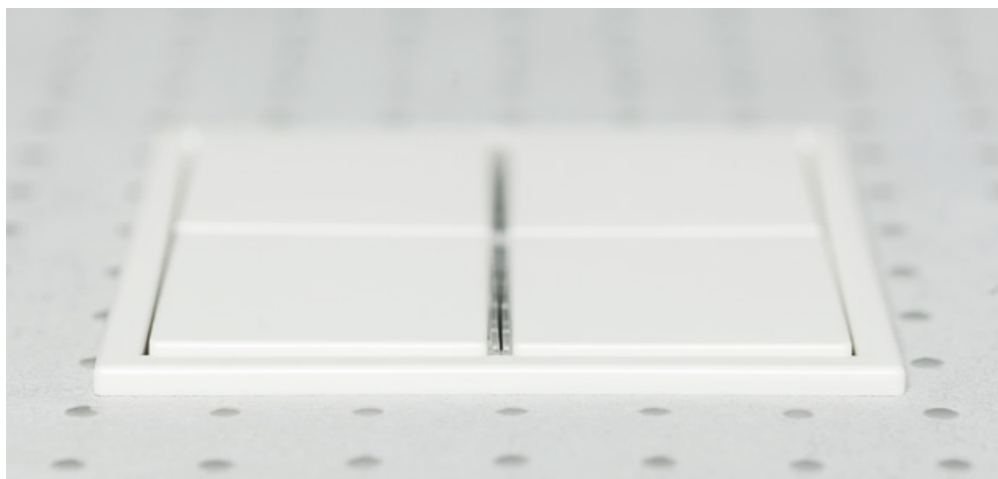
JUNG sets accents with LS 990 in Les Couleurs® Le Corbusier. The special part of this colour system: Le Corbusier has perfectly matched the 63 colours to each other and thus made them harmoniously combinable throughout. Impressed by the extraordinary appearance,

JUNG exclusively provides light switches in the impressive colours worldwide. The matt surface results from hand lacquering in a special process. Labelling using the Graphic Tool is possible. In addition, all items are combinable thanks to the JUNG modular system.

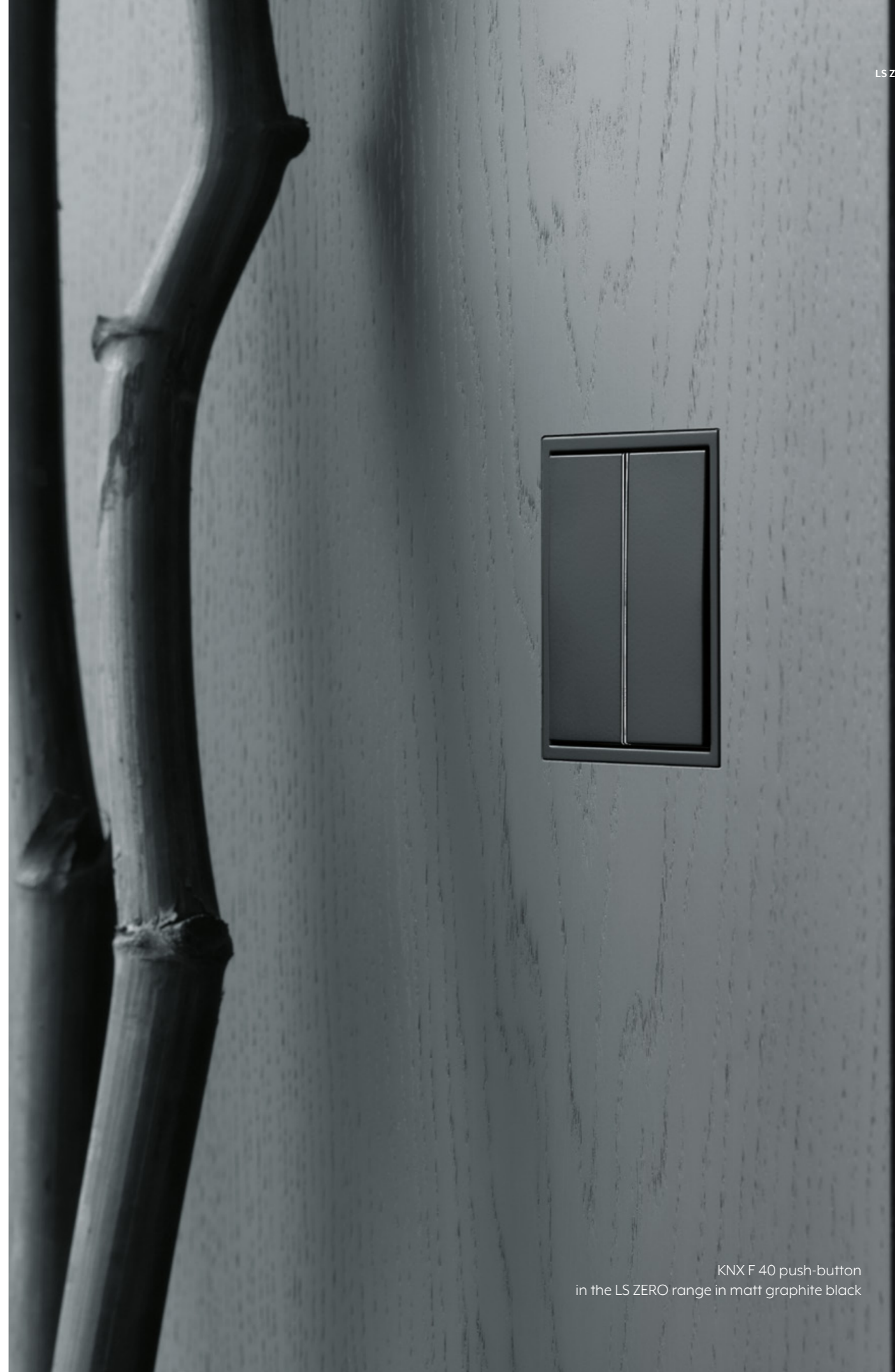


Consistently flush-mounted

LS ZERO is the flush-mounted further development of the LS 990 classic switch. Masonry, dry wall or furniture installation – thanks to the planar installation, the control element connects closely with the wall. Unmatched elegance in white, precious metal colours and the Le Corbusier colours.



Flush-mounted or with a profile height of 3 mm for walls with wallpapers: LS ZERO impresses in both versions.



KNX F 40 push-button
in the LS ZERO range in matt graphite black



Penthouse, Karlsruhe

Architect: langendorf architektur

Photos: Wolfgang Pulfer

Equipped with JUNG KNX technology
in the A CREATION and LS ZERO ranges.

Accented minimalism



Openness and brightness characterise the interior design.



Cool facing concrete and high windows lend character to the ambience.



Real materials are as much of a topic in architecture as in the JUNG design.



The design-oriented style of A CREATION is clear and precise.

The exclusively equipped penthouse is located in one of the two Park Towers in the south of Karlsruhe. Alongside the architectural highlights, the architects took account of future-proof building technology: the residents control the lighting, heating, air conditioner and blinds using the JUNG F 40 push-button in the A CREATION and LS ZERO ranges.

F 40 PUSH-BUTTON IN A CREATION

Simply press: large buttons to control the building technology.

F 50 PUSH-BUTTON IN A CREATION

Buttons and design cover in one colour: room for design.

ROTARY SENSOR IN A 550

Just like a regular rotary dimmer: turn, press, activate function.

F 40 COMPACT ROOM CONTROLLER

Central control of lighting, temperature and blinds.



The individual well-being lighting in every corner of the house. A comfortable temperature all year round. And listen to your favourite music throughout the home: perfect to control using the KNX elements in the design of the A range, combined together in scenes

or separately, using the desired functions is always child's play. Buttons marked with understandable symbols make the handling even easier: added using the JUNG Graphic Tool (jung.de/gt) with laser engraving or colour printing.















A range: design accented smart technology

The design of the A range attracts attention. Advanced KNX technology thus gets the perfect frame and an appropriate appearance.





A range: striking in material and colour

Colour meets materiality. The A range features an expressive design in various colours. In real glass or robust plastic, the design frames of the A range set exciting accents.

A CREATION

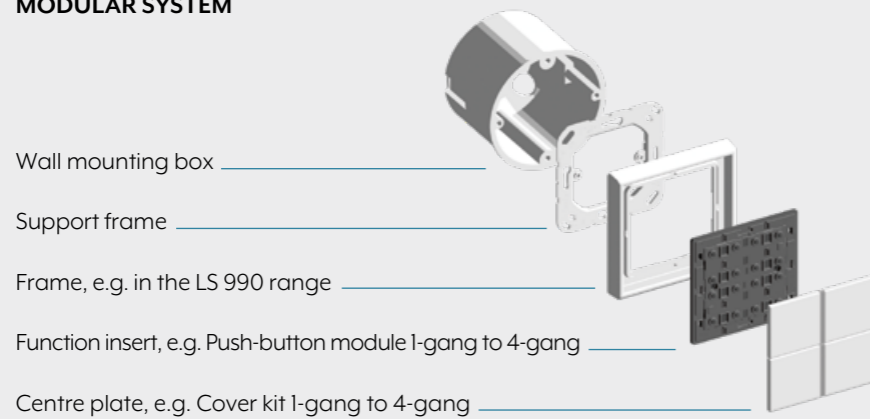
Plastic		glass	
white		black	
black		red	
aluminium		blue-grey	
champagne		soft white	
mocha		white	
matt anthracite		silver	
		champagne	
		mocha	

A 550 / A FLOW

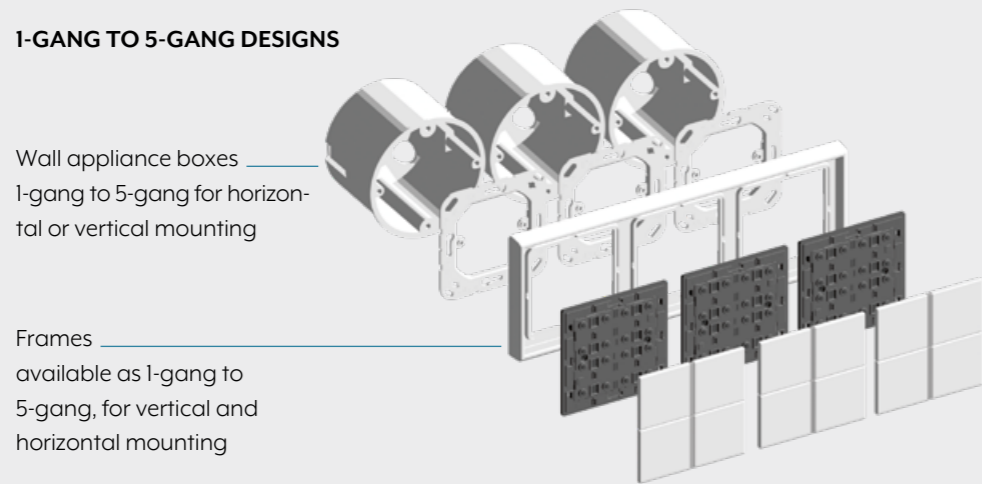
Plastic	
white	
black	
aluminium	
matt snow white	
matt graphite black	
matt anthracite	

Smart mounting

MODULAR SYSTEM



1-GANG TO 5-GANG DESIGNS



Smart living does not only start with the comprehensive interlinking but already much earlier. Namely when it is a matter of just as many controls as you need being installed together at one place. And in the design that you like. With the JUNG modular system, up to five covers in the switch design can be combined in only one frame. You have

all functions ready to hand at one place. Mounting is always carried out according to the same principle: matching cover and frame are assembled and installed in the same design. The kind of complex technology hidden behind it only shows in the functionality – but it does not disturb the elegant design.



KNX room controller with a KNX F 50 push-button in the LS 990 range in matt graphite black



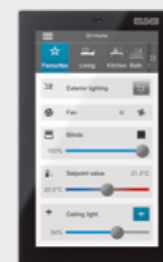
Control panel
JUNG Smart Control 5

Impressively visualised

A smart home is as individual as its inhabitants. With modern KNX technology, it supports them in everyday life and, if desired, shows its benefits at a glance. All rooms, functions and states are shown clearly and operated using touch displays.

With the Smart Visu Server app, residents can also control their smart home using a smartphone or tablet – both at home and on the move with the secure remote access. Smart home components such as Philips Hue or Sonos can also be easily integrated into the system with the server.

SMART CONTROL 5



Clear operating panel for the whole smart building technology.

SMART PANEL 8



The JUNG Smart Panel 8 touch display makes a KNX solution possible without a server.

SMART VISU SERVER APP



With the Smart Visu Server app, all functions can be controlled conveniently with a smartphone.

SMART VISU SERVER



The JUNG Smart Visu Server visualises and controls all processes in the KNX system.

Intelligent voice control

The connection of KNX building technology with the Internet of Things makes the home even more convenient. Important interface: the JUNG voice control.

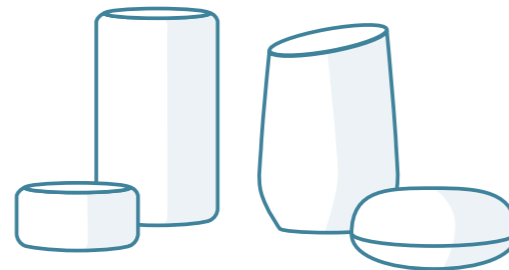
KNX MEETS VOICE CONTROL

Your smart home obeys every word, thanks to the JUNG voice control. It is the decisive interface between future-proof KNX technology and the Internet of Things: the JUNG voice control must be activated in the Smart Visu Server or Visu Pro Server so that the subsystems behind the KNX technology become speech-compatible. The connection to the voice control is very simple and can be implemented quickly for a customer by the specialist. In consultation with the customer, the system integrator selects the building functions to be controlled.



MANAGING VOICE COMMANDS

Users can customise voice commands for maximum convenience. Also subsequently. For example, an imprecise “switch on wall lamp” becomes a more specific “switch on the ceiling floodlight in the living room”. However, devices outside the KNX universe can also be integrated into the voice control system by the user. This is then linked to the KNX functions accordingly – thanks to the JUNG voice control interface.



Amazon Echo
Amazon Echo Dot

Google Home
Google Home Mini



PALAIS FIDELIO, BONN, © PHOTO: HENRIK SCHIPPER

KNX allows voice control using the smart speakers from Amazon and Google.

KNX

Smart door calls

A modern door intercom system belongs in every smart home. It brings extra convenience and security at the door. The JUNG indoor stations in combination with Siedle system technology demonstrate how modern door communication works.

TWO SPECIALISTS, ONE SYSTEM

SC 5

SIEDLE Systemtechnik
In-Home

In-Home bus
IP - - - - -

The use of Siedle system technology is the basis for the combination of Siedle door stations and JUNG indoor stations. The JUNG indoor communication stations are compatible with the door stations from Siedle and vice versa, via the In-Home bus with automated commissioning by means of plug+play.

Design freedom with the indoor stations in the JUNG design: vertically or horizontally, in multiple frames or separately from each other, the modular system enables installation as desired.

JUNG MODULAR SYSTEM

Video indoor station
in A CREATION

Audio indoor station
in LS 990

Video indoor station
in LS 990



Living in the smart home: functions and applications

Live smarter with KNX: the lighting mood in the living room matches the well-being temperature perfectly. It stays pleasantly cool in the bedroom because the shutters automatically descend when the sun shines in. Your favourite music can be heard in every room thanks to multi-room sound. Perfect when convenience becomes such a matter of course. With intelligent building technology from JUNG, that is no problem.



LIGHTING

Individual control of the lighting inside and out. Automatically, as needed and thus energy saving.



BLINDS AND SHUTTERS

The automatic control of blinds and shutters including louvre adjustment regulates the sun shining in. The control is performed centrally or decentralised.



HEATING, VENTILATION, AIR CONDITIONING

Demand-based control of heating, ventilation and air conditioning not only produces the individual feel-good temperature, but also a healthy room climate.



MONITORING / ALARM SIGNALLING

Sensors for monitoring windows and doors, central on/off controls and notification and alarm systems give a secure feeling.



MULTIMEDIA

Multi-room sounds throughout the house, TV and entertainment systems and multimedia components are integrated into KNX.



VISUALISATION AND REMOTE CONTROL

Display and operate all states in your own home using touch displays. On the move as well using a smartphone or tablet.



Progress as tradition

JUNG stands for pure design and future-oriented solutions worldwide. Innovation, passion and precision have been guiding our product developments for more than 100 years. Light, shading, air conditioning, energy, security, door communication and multimedia – our systems provide the appropriate solution for every requirement.

With 1,400 employees, 20 subsidiaries and independent sales and partner organisations in around 70 countries, we are represented on five continents. Whether private, commercial or hotel building, architects and planners worldwide place their trust in the innovative solutions from JUNG. Our building technology can be found in the Reichstag in Berlin as well as in the Hermitage in St. Petersburg and the Shangri-La Hotel in Singapore.

We consciously combine this internationalism with close ties to the headquarters of our family business in Schalksmühle. We develop and manufacture components for classic electrical installations as well as intelligent systems for building technology there and in Lünen. Assembly line production, low-volume series or volume: our modern production methods meet the highest requirements.

WE ARE JUNG:

1912 Medium-sized, third generation family company



“Made in Germany” for more than 100 years



Around 1,400 employees



20 subsidiaries and over 70 agencies worldwide

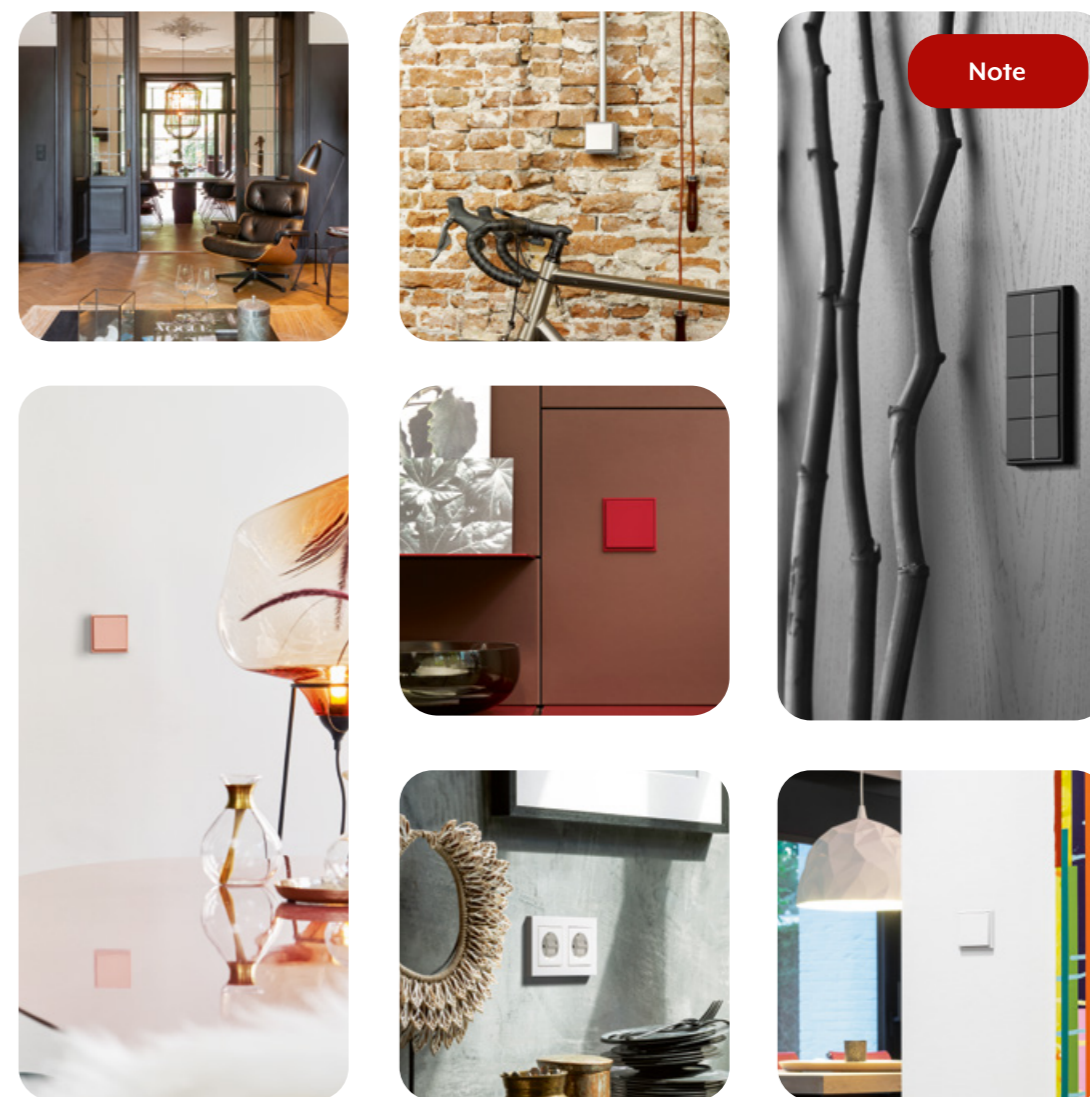
Discover the variety



JUNG AR Studio is quick and easy to instal. The app can be obtained from the App Store or Google Play. Simply print out the Experience Marker after the installation. Attach it to the place where the switch will be installed later. AR Studio shows you the selected JUNG product in a live image on your smartphone.



Follow the inspiration



If you are always looking for new ideas and inspiration, follow JUNG on Pinterest and Instagram. On these channels you can discover inspirational designs and fascinating technology in a high-quality presentation.



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