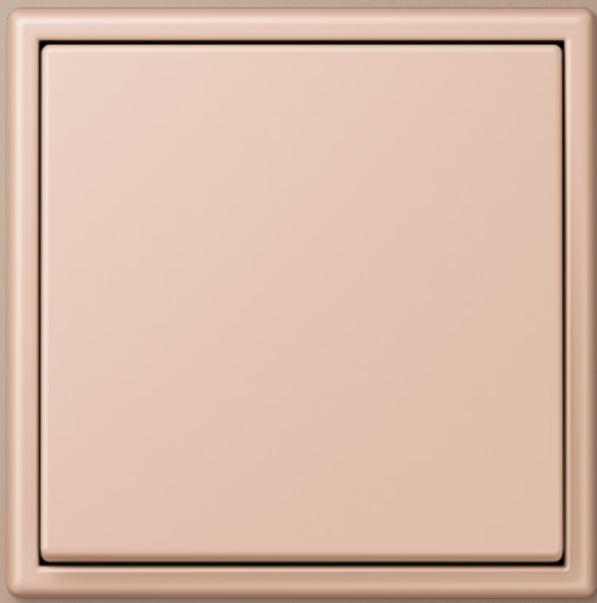


JUNG

Switches for a more  
comfortable living



EN 20



MADE IN  
GERMANY SINCE 1912



© EWOUT HUIBERS FOR ZOKU AND CONCRETE

**LS ZERO**

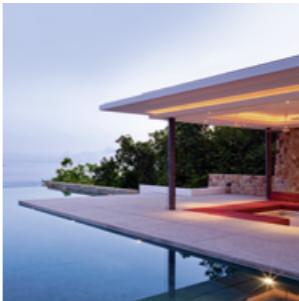
Flush-mounted switches

**LB Management**

Light and shade

**eNet SMART HOME**

Switch on comfort via radio

**KNX**

The smart standard

**JUNG – Progress as tradition**

4

**DESIGN**

LS range	8
A range	20
SL and CD ranges	30

**SOLUTIONS**

LB Management	38
Temperature Management	42
LED Technology	44
Music	46
Multimedia	48
International sockets	50
Plug & Light	52
eNet radio system	58
Intercom System	60

**KNX SMART HOME**

KNX – the worldwide standard	62
Sensors in switch design	64
Smart Control	68
Intelligent voice control	70
Server and Clients	72
Mobile control	74
Visu Pro Server	76
Graphic Tool	78



Ernst Paris

Company founder Albrecht Jung

## Progress as tradition

As a pioneer of his time, Albrecht Jung created the basis for the JUNG success story with the founding of the company in 1912 and the development of his pull switch with 1/8 rotation. The original motivation remains the driving force for all products to this day: JUNG develops and produces timelessly designed products and future-oriented solutions with pioneering spirit. As a premium supplier of modern building technology, the portfolio of the traditional medium-sized company includes switches, sockets, dimmers, observers and systems for controlling functions.

Convenient regulation of lighting, temperature and shutters, music in every room, timeless switch design, intelligent security systems or the smart control of the entire technology via touchscreen – JUNG stands for a skilful interplay between design requirements and innovation.

### WE ARE JUNG:

**1912** Medium sized third generation family company



“Made in Germany”  
for more than 100 years

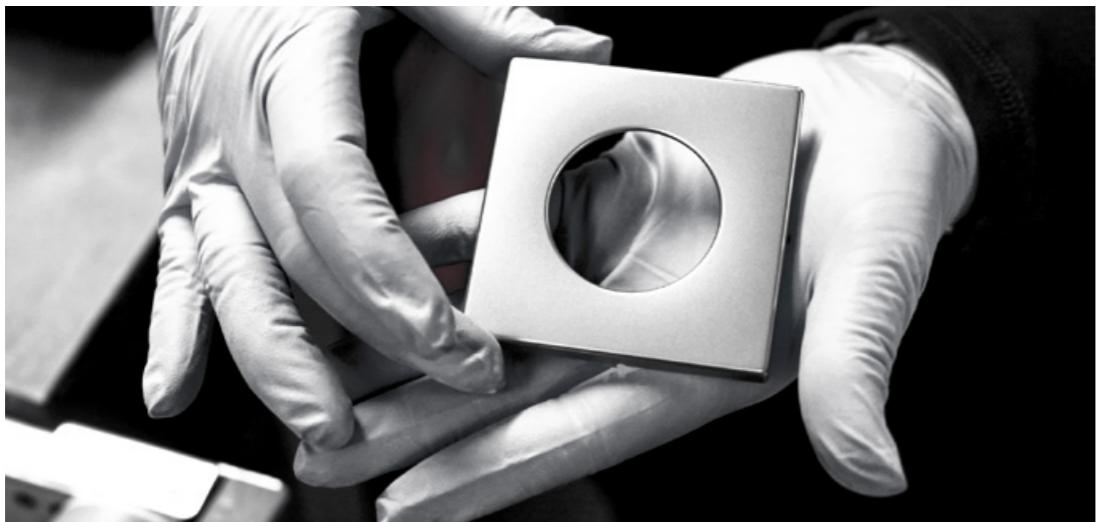


Around 1,300 employees



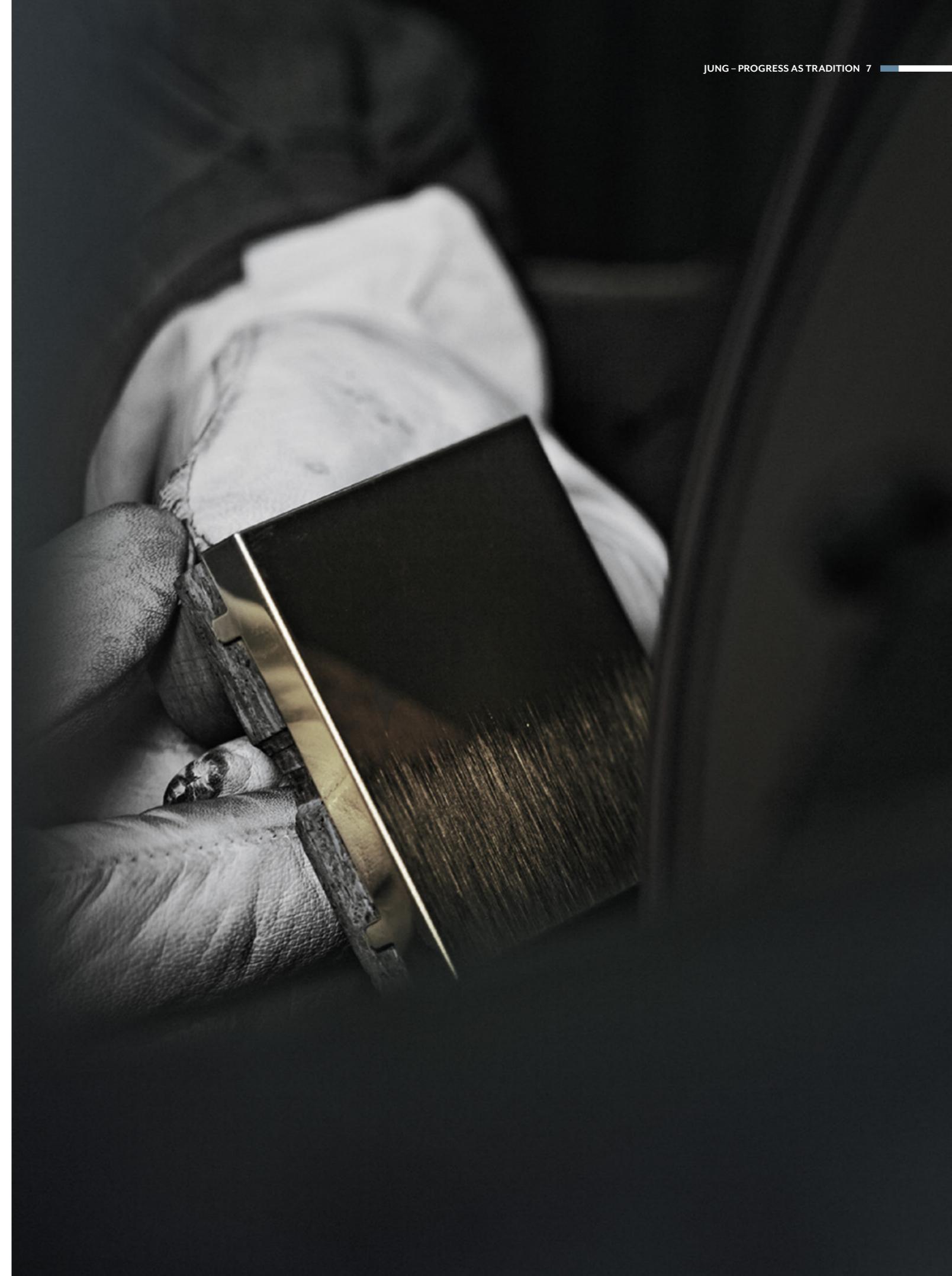
19 subsidiaries and over  
70 agencies worldwide

## Products “Made in Germany” – manufactured with precision



JUNG products are manufactured at the two company sites in Schalksmühle and Lünen. For this, JUNG received the TÜV certificate “Made in Germany” in 2011. With deep roots in the region and a constant employer for many decades, today customers throughout the world rely on the continuing high quality. At the same time, JUNG is aware of its high responsibility for sustainable and energy-efficient production.

JUNG has proven its specialist know-how in metalworking for decades. The company provides its switch designs in genuine metal. Matt finished or lacquered aluminium, stainless steel blasted with glass beads, brushed brass, chrome-plated metal or with almost 24 carat gold plating – JUNG produces precision switches down to the last detail every day.





## LS range – Time for genuine classics

Some designs never go out of fashion. Genuine classics like the switches in the LS range. With their square form, enclosed in narrow or wide frames, they blend in discreetly with any surroundings, while the choice of superior materials offers you every opportunity to put individual interior concepts into practice.



## LS 990

Comfortable living with classics. LS 990 in black or ivory, light grey or white: architects in particular appreciate the characteristic, functional form in timeless base colours. This is why switches from the LS 990 range always rank among the favourites when it comes to modern, purist interior design.

The LS 990 versions made of real metal focus on the material: Cool aluminium, pure dark or anthracite, elegant stainless steel, shiny chrome or precious gold plating – they all set highlights. Two variations of genuine brass complement the portfolio.



ivory      white      light grey      black



aluminium      stainless steel      chrome      anthracite



dark      gold      classic brass      antique brass



## LS 990 Shows It's Colours



Les Couleurs®  
Le Corbusier



JUNG sets fresh tones with LS 990 in Les Couleurs® Le Corbusier colours. The characteristic feature of this colour system: each of the 63 colours can be combined harmoniously with any other colour in the system. JUNG is the only manufacturer worldwide to offer switches in these exclusive colours. The switches are hand painted with a special technique that leads to a matt surface of the product. The covers can be inscribed via the Graphic Tool. In addition, all articles can be combined, thanks to the JUNG modular system.

## LS ZERO

Timeless, reduced, consistent: LS ZERO transfers the design constants of the classic LS 990 range to a new flush-mounted interpretation. Installed in furniture, brickwork or drywalls, LS ZERO creates a level plane between the surface and the operating element. LS ZERO is available in white, dark, stainless steel, aluminium, classic brass and Les Couleurs® Le Corbusier.

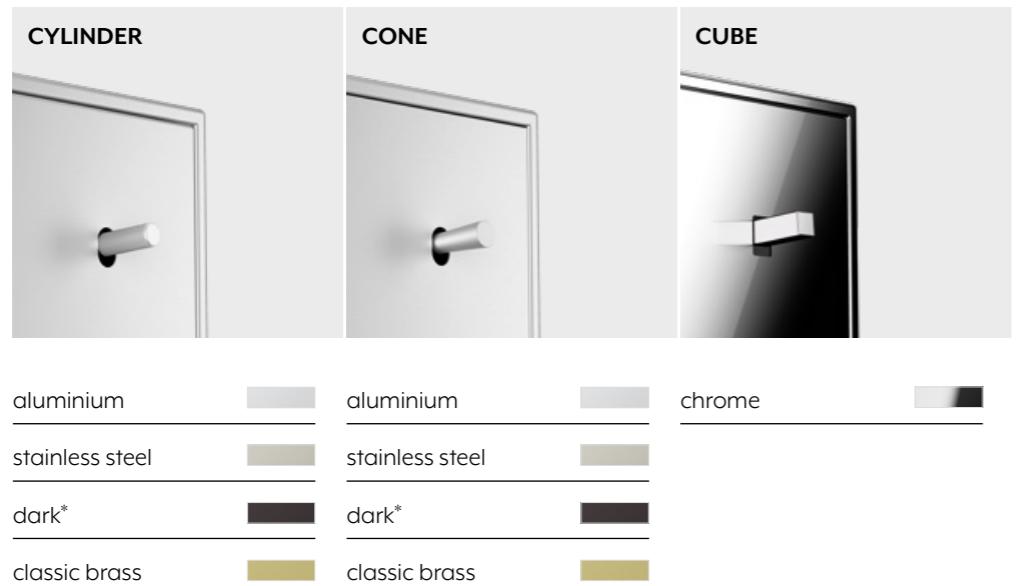


## LS 1912 – new interpretation of a rocker switch

LS 1912 is a homage to JUNG's founding year. The rocker switch combines historical switch technology with today's demands and technical possibilities.

The switch mechanism of the LS 1912 is designed so that the cover closes flush with the frame. Only the rocker pin rises out of the unit as a style element. The lever, available as cylinder, cone and cube, is matched to the material. Rocker switch, cover and switch mechanism were developed in a modular design

so that no screws are visible when attached. The switch can thus be used in all 1 to 5-gang frames in the LS range and fits in every common flush-mounting box. Over 200 inserts such as sockets, multi-functional connections and international systems can be combined with the LS 1912.



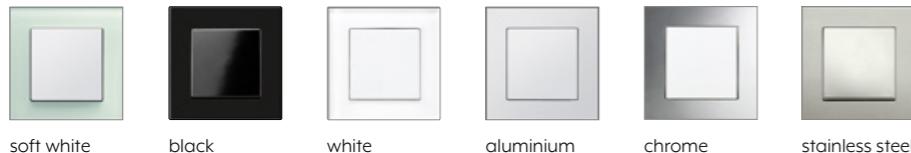
\* (lacquered aluminium)





## LS PLUS

LS PLUS adds variety to interiors. Frames in select colours and materials set highlights. Together with the large rocker plates, they result in a visual effect that is surprisingly different. Whether you pick highly polished chrome, genuine glass, aluminium or classic stainless steel: the effect will certainly set new standards in elegance and aesthetics.



soft white

black

white

aluminium

chrome

stainless steel



## LS DESIGN

The elegant frames made of high-quality metal or plastic blend perfectly with the matching covers from the LS range. Fitted on walls, an additional shadow gap makes them seem to float weightlessly. JUNG's modular system makes it possible to arrange a multitude of different combinations to fit changing technical or aesthetic demands.



stainless steel

aluminium

anthracite

dark

chrome

classic brass

antique brass



## A range – Creativity demonstrates diversity

The contemporary A range provides a wealth of interesting ideas for form, shade and material. Think up new combinations and add new highlights to your rooms!

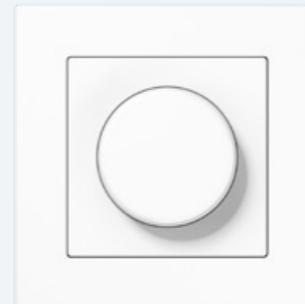




## A 550

This range convinces with its minimalist design and clear design language. Its striking, linear look complements modern furnishing styles.

**ROTARY DIMMER IN WHITE**



Continuously adjustable lighting control.

**F 50 COMPACT ROOM CONTROLLER IN BLACK**



Variety of functions, intuitive operation.

**SOCKET IN ALUMINIUM LOOK**

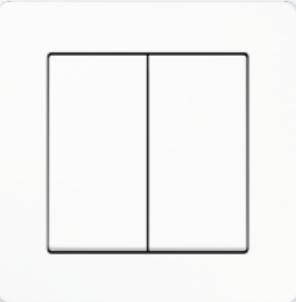


With integrated child protection.

**F 40 PUSH-BUTTON SENSOR IN MATT ANTHRACITE**



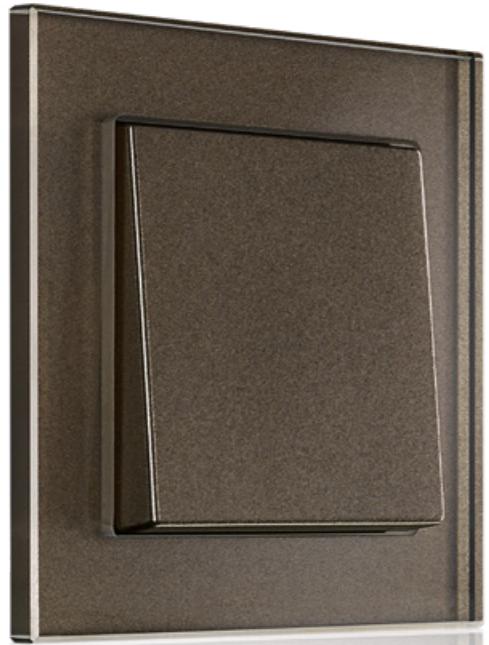
Large buttons for ease of operation.

<b>2-GANG BUTTON IN WHITE</b>	<b>STANDARD CENTRE PLATE LIGHT MANAGEMENT IN BLACK</b>
	
The switch for more functions.	Wireless operation of lighting and blinds.
<b>F 40 ROOM CONTROLLER IN ALUMINIUM LOOK</b>	<b>F 50 PUSH-BUTTON SENSOR IN ANTHRACITE MATT</b>
	
Central control of lighting, blinds and temperature.	Comprehensive building management with buttons.



## A FLOW

With a light, harmonious design, A FLOW easily accommodates all changes and fits confidently into different furnishing styles.



## A CREATION

The modern A CREATION design sets accents in any room.

The range convinces not only with its clear shape but also with the choice of materials.

The program fulfills all requirements for a modern electrical installation in a stylish way. In addition to the variations in thermoplastic, A CREATION frames are also made of duroplastic material or real glass.

Plastic frames



white



matt anthracite



aluminium



black



champagne



mocha

Glass frames



soft white



white



blue-grey



black



red



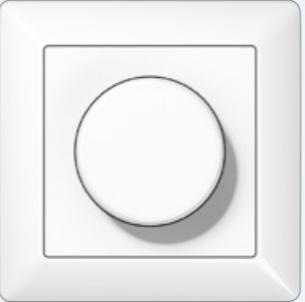
silver



champagne



mocha

<b>SWITCH/SOCKET COMBINATION</b>	<b>ROTARY DIMMER IN WHITE</b>
 A combination unit featuring a rectangular switch on top and a circular Schuko socket below, all enclosed in a single white plate.	 A square white plate with a central circular dimmer control.
Individually combinable.	Stepless regulation of lighting.

**SCHUKO® SOCKET IN IVORY**

With child protection.

**AS 500**

In addition to the harmonious lines, a further visual highlight is provided by the angling of the rocker plate. The variety of possible applications covers every technical possibility for advanced electrical installations. AS breakproof is available as an alternative to the regular AS 500. In an identical design and made of break-proof material, it offers a splash-proof model IP 44.



## SL and CD ranges – Elegance with no rough edges

The SL 500 and the CD range are based on harmony. The classic square shape is revisited. The rectangular, geometric contours appear less severe thanks to the rounded edges. A look that will fit in impeccably with interiors where soft forms predominate.





## SL 500

Soft lines and an unusual combination of materials give this design range a unique premium value. The acrylic glass frame is backed with coloured metal in white, gold bronze or silver; the operating elements are made in specially finished metal. Its attractive appearance is accentuated by the rocker having a constant plane position.

**SWITCH/SOCKET COMBINATION  
IN SILVER BLACK**



Elegant combination.

**ROTARY DIMMER IN GOLD BRONZE**



Simple lighting control in no time.

**SWITCH IN WHITE**



Functionality with an exceptional effect.



## CD PLUS

Just show your true colours. CD PLUS leaves virtually nothing to be desired with its wide spectrum of popular interior shades. The different frame sizes, from single to 5-gang in three colours are supplemented by two types of colourful applications. And each of these in eleven shades of colour, including decorative metallics, subtle pastels and strong hues, which become unmissable eye-catchers.

### Colours

light grey		granite		metallic red	
yellow		metallic green		chrome	
light green		metallic black		gold	
stainless steel		metallic blue			



## CD 500

With CD 500, form, colour and function form a perfect whole that can be integrated into any room without difficulty. Its ability to blend in with different interior styles results in part from the variety of subtle colours. CD 500 has visual distinctiveness that is obtained by angling of the rocker plate.

### Plastic



### Metal versions





## Switches for a more comfortable living

Switches should not only look good, they also have a tough job to do. For more than one hundred years, JUNG has succeeded in bridging the gap between high standards of design and sophisticated technology in an exemplary manner.

# Light moods

Whether it's a romantic evening for two, a party with friends, a formal business dinner or time alone with a good book: creating the right atmosphere is easy with modern Light Management from JUNG. Very convenient, automatic and energy efficient. Rotary and touch dimmers also ensure the appropriate light mood.



## LED TOUCH DIMMER

One for all: the LED universal touch dimmer switches lamps securely and conveniently.



## LED ROTARY DIMMER

Perfect light with a simple twist: The LED universal rotary dimmer in the versatile JUNG design dims and switches reliably.



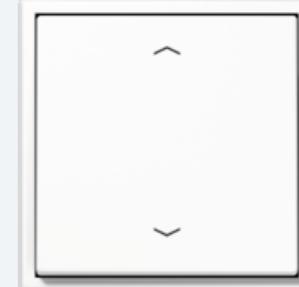
## STANDARD TIMER

Switching, dimming or adjustment of blinds: The Standard Timer with real glass front controls light and shade in one system. Automatically and with intelligent timer functionality.



## AUTOMATIC SWITCH

Light only when it's needed and only if someone is within the detection field of the device. As a wireless model, the automatic switch can be positioned anywhere.

<b>UNIVERSAL CENTRE PLATE</b>	<b>STANDARD CENTRE PLATE</b>
	
Control shading and light with convenience functions.	Easily control shading and light manually.
<b>STANDARD TIMER</b>	<b>UNIVERSAL TIMER BLUETOOTH</b>
	
Control light and shading automatically.	Control as desired – by pressing a button or using the Clever Config app.

More security at home, more protection against wind and weather. JUNG solutions provide tailor-made convenience for the control of shutters, blinds and awnings. Shading can be controlled simply by pressing a button, automatically according to a programmed schedule or via Bluetooth with a smartphone. Combining the control of blinds and lighting saves energy.



Clever Config app for iOS and Android

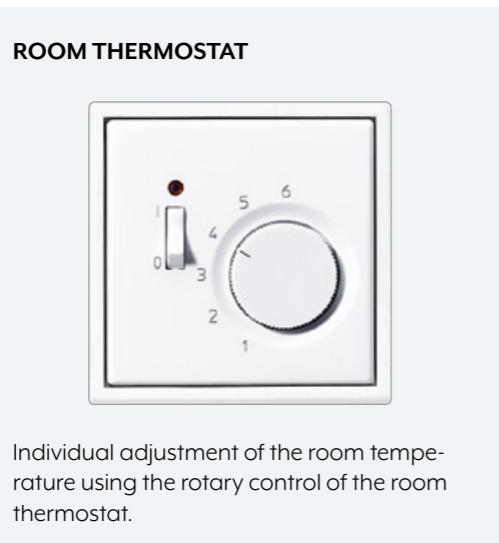


## Light and shade

LB Management is the clever modular system for modern lighting and shading control.

## Temperature control

The ideal room temperature is highly dependent on individual preferences. Besides of creating comfort, a flexible control of heating, ventilation, and cooling also provides a healthy indoor climate and increases energy efficiency.



**ROOM THERMOSTAT**



**FLOOR THERMOSTAT**

Individual adjustment of the room temperature using the rotary control of the room thermostat.

With the floor thermostat, floor heating systems can be comfortably adjusted.



Comfort guaranteed: The room thermostat with display adjusts the automatic temperature control to the residents' daily routines – comfortable and energy-saving.

## Safe orientation

With the LED light management, there is an orientation system that can easily be read in the dark, displays unambiguous signals and effectively shows the way. Low energy consumption and a long service life also guarantee a high level of economic efficiency.



The LED pilot light for the SCHUKO® socket in its level design shines downwards without glare. This provides more safety in the dark.



## Smart Radio DAB+



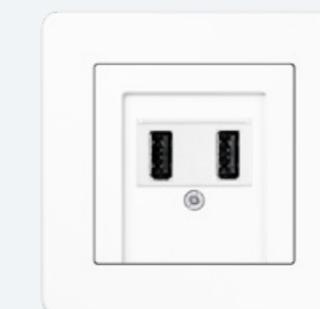
The Smart Radio DAB+ receives programmes via FM and DAB+. It stores up to eight stations per reception mode, operation is simple. In addition, the Bluetooth version allows the streaming of music. With its real glass front, the device is a visual highlight, available in the various frames of the JUNG design.



## Perfect connection

Tablet, smartphone or TV are a part of our lives. The JUNG components offer intelligent solutions that make everyday life easier.

**USB CHARGER**



Fast charging of mobile devices. Ideal for retrofitting, since the charging station can be installed instead of a socket.

**WLAN ACCESS POINT**



Quick access to the Internet – anywhere in your house. With the WLAN access point in switch design.

**MULTIMEDIA TERMINALS**



Home cinema, gaming console and full-HD screen: In order to avoid cable jams, JUNG offers the multimedia connection system for analogue, digital and mobile devices.



Dual combination of SCHUKO® and G+I sockets



## Proven in applications worldwide

Best worldwide connections: in order to completely meet international requirements, JUNG offers international socket systems according to country-specific standards. True to the JUNG modular system, they can be combined in multiple frames – for a standardised design.



## Plug & Light

The modular system redefines interior lighting design. For perfectly dimmable LED light in matching switch design.



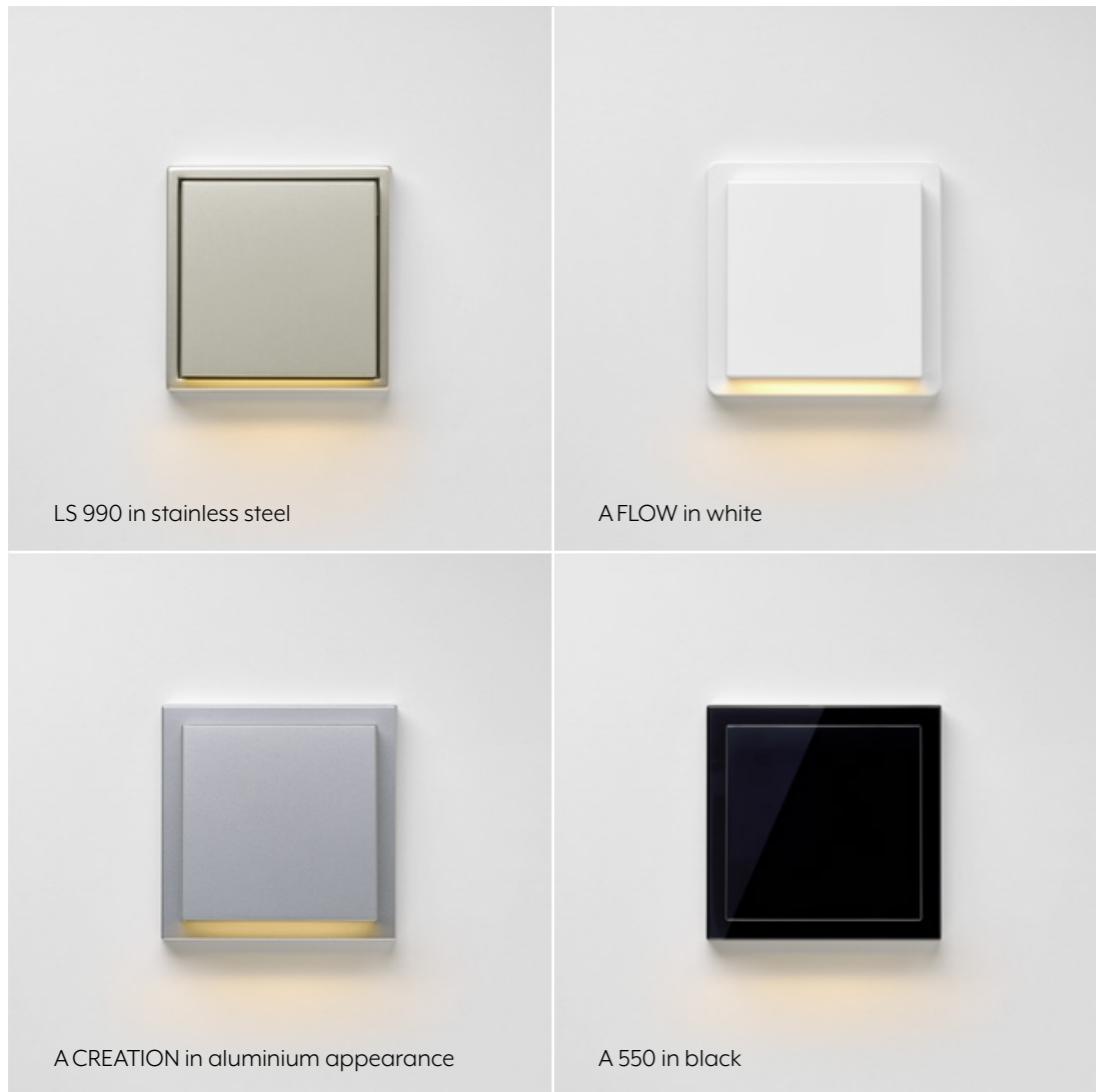


## The Plug & Light LED spotlights



The Plug & Light spotlight designed by Insta is a modern LED light insert, available in the design frames of the JUNG A and LS ranges. The Plug & Light spotlight is available to match the colour and material of the selected switch design.

## The Plug & Light LED wall luminaire



LS 990 in stainless steel

A FLOW in white

A CREATION in aluminium appearance

A 550 in black



The design of the Plug & Light wall luminaire is reminiscent of a classic switch. The asymmetrical light distribution ensures spatial area illumination. JUNG provides the LED wall luminaire with frames of the A and LS ranges. The Plug & Light wall luminaire is also available to match the colour and material of the selected switch design.

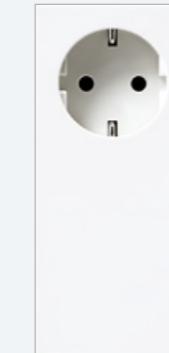


#### eNet SERVER



It allows programming, visualisation and control of all functions.

#### eNet RECEIVER



The receivers are available in various designs and can be installed appropriately depending on the local conditions.

#### CONTROL WITH WALL TRANSMITTER



Operation of the wireless Smart Home in the switch design.

#### HEATING CONTROL



Cross-trade functions can be realised in the eNet SMART HOME, including the smart tado° heating control.

eNet SMART HOME is the wireless standard for advanced and convenient operation using a smartphone, either locally or remotely. For safe, fully encrypted communication.

The system features fast installation, easy operation, high flexibility and is future-proof. As a result, it is surprisingly easy to network

functions, combine them into scenes and to control them conveniently using various operating devices.

# JUNG indoor stations with Siedle system technology



## HIGHLIGHT: SMART CONTROL PANEL AS AN INDOOR STATION

The JUNG Smart Control turns into video station for door communication via the Siedle Smart Gateway. The clearly structured interface enables simple and convenient operation – and the large, clear display provides increased safety at a glance.

Required door communication: the JUNG video and audio indoor stations in switch design are impressive in their functionality and look. There is not only an especially large selection of designs available, but the devices are perfectly compatible with the

door stations from Siedle through the use of Siedle system technology. The advantages are in their ease of use and in a new variety of options. The JUNG indoor stations fit harmoniously in with the overall design to match the remaining electrical installations.

## VIDEO INDOOR STATION IN AFLOW



The video indoor station modules can be freely combined; a TFT colour monitor (2.7"/70 mm) shows, who's at the door.

## STANDARD INDOOR STATION WITH GLASS FRAME



The audio indoor station standard can be combined with different design frames to suit the interior.

## INDOOR STATION IN LS 990 ALUMINIUM



The audio indoor station ensures high-quality sound with best loudspeaker quality for flawless door calls.

# KNX system – the worldwide standard

KNX is the global standard for building systems technology. As a founding member of the KNX Association, JUNG has supported this highly intelligent technology since 1990.

## Advantages of KNX at a glance

More than 8.000 devices from over 495 manufacturers communicate with each other thanks to the KNX standard

Continuous extension of the functions and applications

Commissioning with the aid of manufacturer-independent standard software (ETS)

Simple implementation of commands, control, monitoring and display

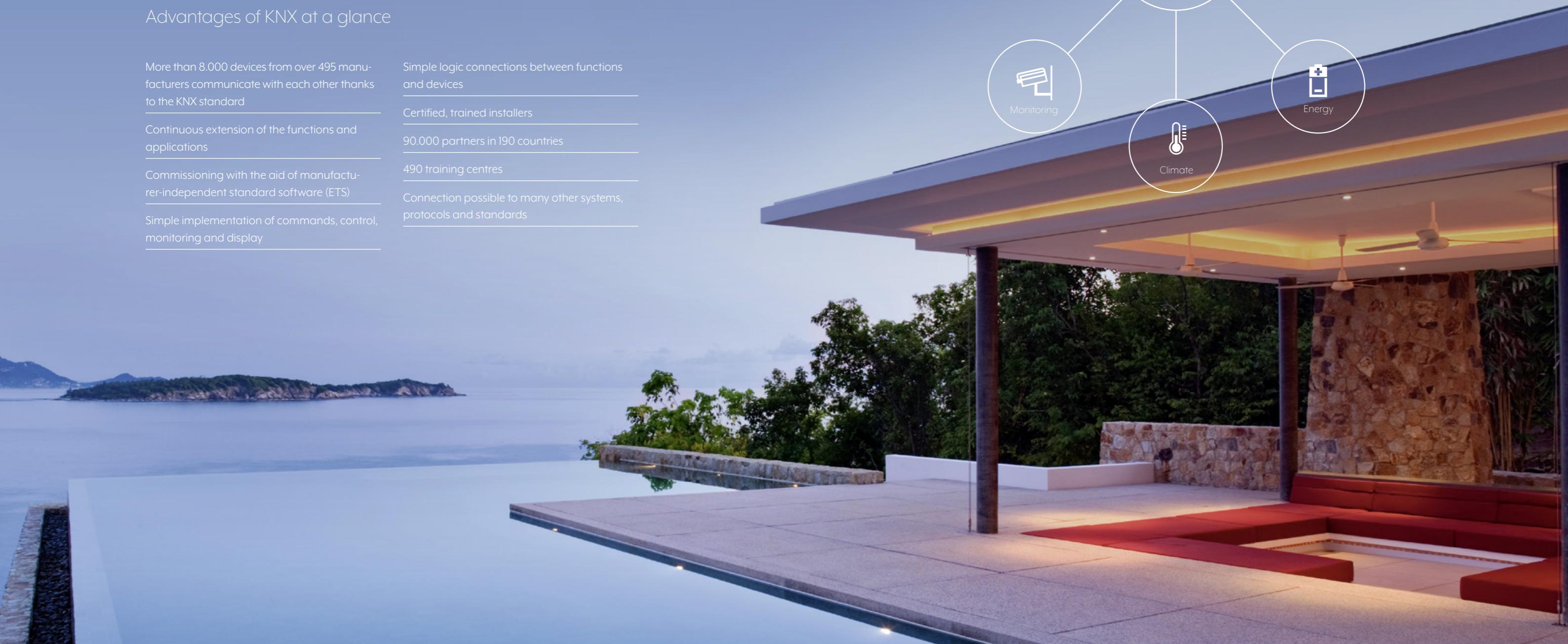
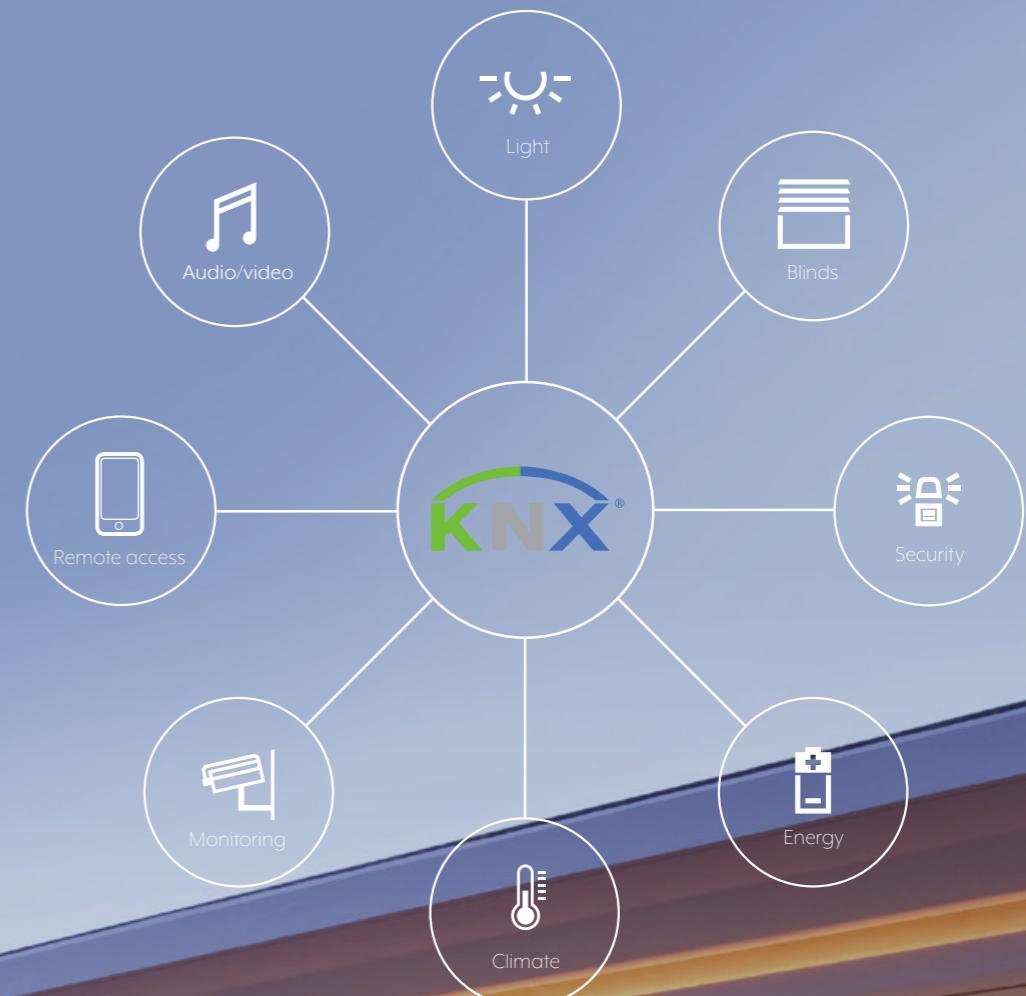
Simple logic connections between functions and devices

Certified, trained installers

90.000 partners in 190 countries

490 training centres

Connection possible to many other systems, protocols and standards



## F 40 – comfortable operation

<b>KNX PUSH-BUTTON SENSOR</b>	<b>KNX PUSH-BUTTON SENSOR RF</b>
 A simple rectangular wall switch with two large, light-colored control buttons on the right side.	 A rectangular wall switch featuring four small buttons arranged in a 2x2 grid. The top-left button has a sun-like symbol, the top-right has horizontal lines, the bottom-left has a plus sign, and the bottom-right has a minus sign.
Smart Home easy to use: with the consistently large control buttons.	Smart Home via radio: with the battery-operated wall transmitters.



The KNX sensors and room controllers of the F 40 family provide convenient operation via large buttons. They enable the control of both the classic room functions such as lighting, blinds and temperature, as well as scenes or multimedia. Depending on the desired application the buttons may be individually labeled via the JUNG Graphic Tool for better function assignment. Centrally arranged colour LEDs for operation and status indication round off the easy handling.



## F 50 – homogeneous appearance

**KNX PUSH-BUTTON SENSOR**



Homogeneous appearance due to the centrally arranged display or labelling field.

**KNX PUSH-BUTTON SENSOR RF**



Placement as required: The wall transmitter works wirelessly and is simply glued on.

**KNX COMPACT ROOM CONTROLLER**



The devices with display comfortably control temperature, light and blinds.

**KNX ROOM CONTROLLER MODULE**



Smart temperature control in the various JUNG Design.

The KNX components of the F 50 family are designed with functional buttons left and right and a large cover in the middle. This is suitable for inscription either as a transparent label area or as a cover matching the button colour, depending on individual taste and purpose. The inscription is done by Graphic Tool, adjustable colour LEDs complement the design concept. With the room controllers and push-button sensors in the various switch designs, functions and scenes can be operated intuitively.



## Smart controls – elegant panels with intuitive touch display

Visualise and control the entire building technology using one device – with the JUNG display devices it is simple. The display devices are available in various sizes and equipment features, completely according to respective requirements. Thanks to continuous updates, the Smart Control technology always stays up to date.



Smart Control 19  
470 mm / 18.5"

Smart Control 15  
396 mm / 15.6"



Smart Control 10  
256 mm / 10.1"

Smart Control 7  
178 mm / 7"

Smart Control 5  
127 mm / 5"



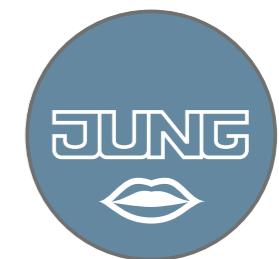
Alexa, switch on  
the light in the  
living room!

## 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

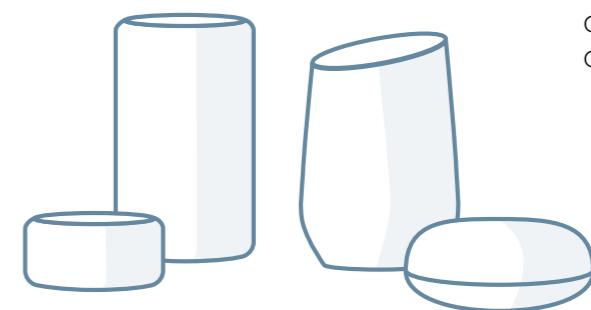
The JUNG voice control is necessary for the Smart Home to listen to speech. It is the crucial interface between future-proof KNX technology and the Internet of Things: The JUNG voice control must be activated in the Smart Visu Server or Visu Pro Server so that the subsystems behind the KNX technology become speech-compatible. The connection to the voice control is very simple and can be realised quickly by a specialist for their customer. In consultation with the customer, the system integrator selects the building functions to be controlled.



### MANAGE VOICE COMMANDS

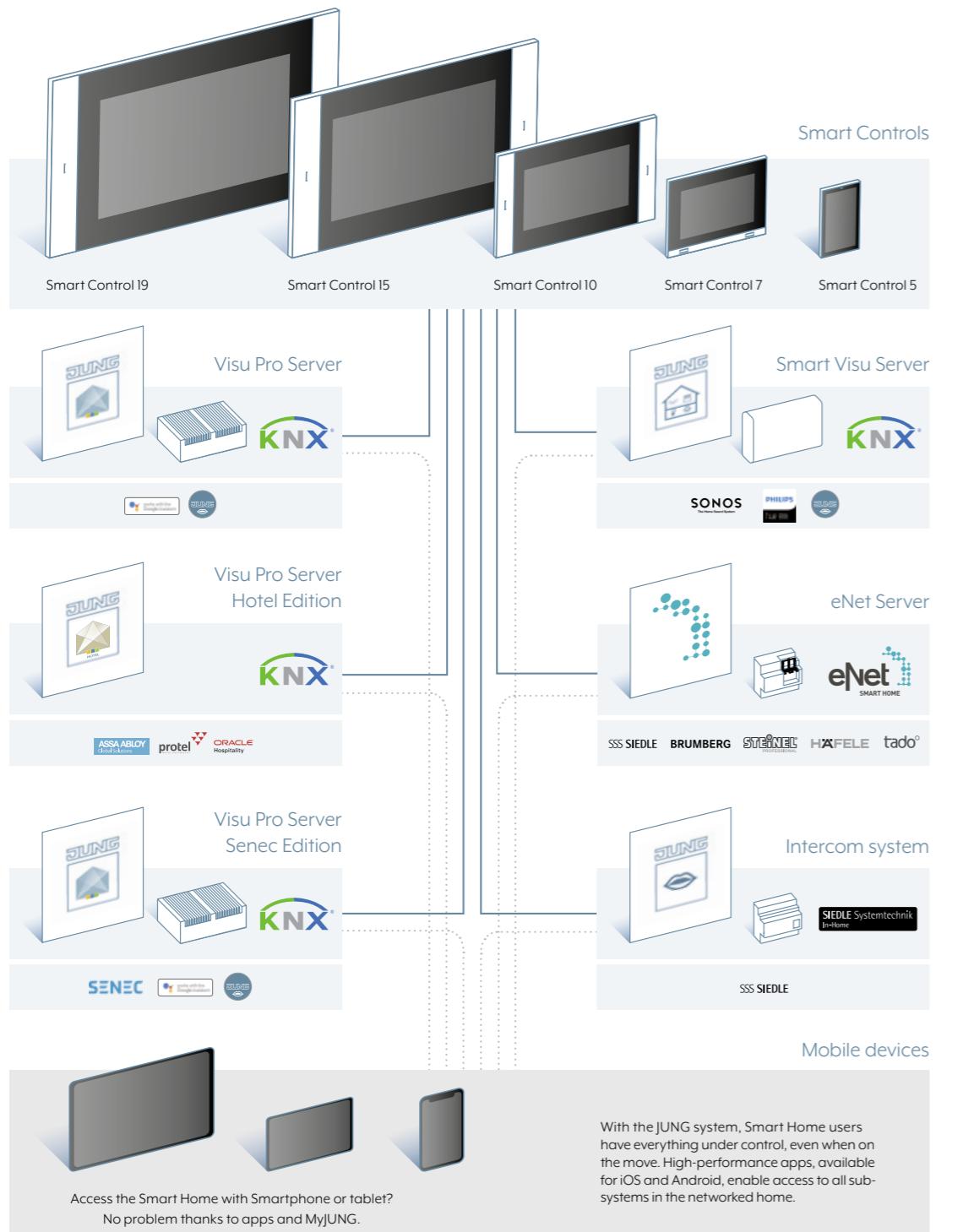
Users can customise voice commands for maximum convenience. Also retroactively! For example, an imprecise "switch on wall lamp" becomes a more specific "switch on the ceiling floodlight in the living room". However, devices outside the KNX universe can also be integrated into the voice control system 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

# Servers and clients



A networked world requires high connectivity. With its system technology, JUNG particularly meets the requirements of digitisation. For example, Smart Home residents can access their digital home with the intuitive touch

displays of the Smart Control range. Visu Pro Server, Smart Visu Server and eNet SMART HOME are optimised for operation with Smart Control. Newest feature: the voice control of the Smart Visu Server with Alexa.





## Simple visualisation

### SMART VISU SERVER

The simple visualisation for the smart home



Lighting, temperature, sun protection, music or the Philip Hue colour light system: Using the Smart Visu Home user interface, the residents make their selections on the smartphone with a tap of a finger. If new devices are added, these are taught-in quickly. In this way, the Sonos Home Sound system can also be controlled with the JUNG Smart Visu Server and provides your favourite music throughout the home. Users can carry out their own settings individually via the Smart Visu Home such as time-controlled switching operations or status displays.

KNX functions can thus be implemented quickly and cost-effectively with the Smart Visu Server. The software can also be updated and upgraded.





## Professional KNX Management

The JUNG Visu Pro Server is the professional way to visualise and control building automation. Multiple independent KNX systems can be operated and configured conveniently at the same time.

JUNG VISU PRO SERVER



The JUNG Visu Pro Server is ideally suited to complex KNX applications, both in the private and the commercial area. With the Visu Pro Server, users not only link KNX room functions such as shade, light and temperature with multimedia, alarm system and more, but they are also extremely flexible in operation. Whether this is through Smart Control, a connected monitor, or mobile with a tablet or a smartphone, with its intelligent networking the residents have their entire building technology under control, at all times.



## Design as desired

### LASER ENGRAVING



The laser engraving also transfers the contours of symbols, texts and patterns through precise removal of surface areas.

### COLOUR PRINTING



The abrasion-resistant colour printing offers various possibilities of individual design options.

### LABELLING



Integrated labelling fields can be designed with the help of our labelling service. This optimises the assignment of functions.

With the online Graphic Tool accessible at [www.jung.de/gt](http://www.jung.de/gt), JUNG products gain individuality. Depending on the product, material and personal requirements, it is possible to use laser engraving, colour printing or labelling. Using text, symbols or motifs, you can not only create an individual design but achieve an optimum assignment of the functions.



**ALBRECHT JUNG GMBH & CO. KG**

P.O. Box 1320  
58569 Schalksmühle  
Germany  
Phone +49 2355 806-0  
Fax +49 2355 806-204  
[international@jung.de](mailto:international@jung.de)

For sales contacts in your country see:  
[jung-group.com/contact](http://jung-group.com/contact)

**JUNG-GROUP.COM**