

KNX Smart Home



EN



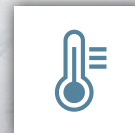
KNX from JUNG

Are you dreaming of a home organised exactly according to your needs?

With KNX from JUNG, this dream comes true. In this brochure, we will show you how you can design your home to be intelligent and convenient. Find out how you can save energy, increase your security and simplify your daily life.

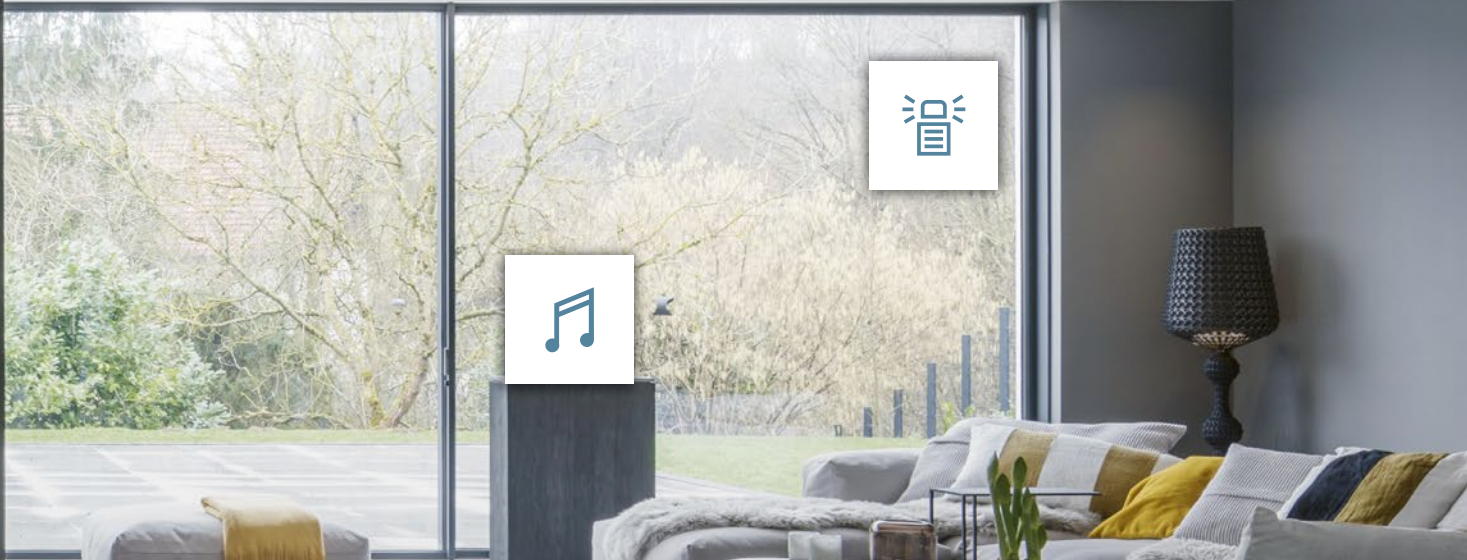
Be inspired by the multiple possibilities!

Life in the smart home	4
Switch ranges in the LS range and their control units	6
Reference project: smart living in the Ruhr region	20
Switch ranges in the A range and their control units	22
Reference project: accentuated minimalism	30
This is what is behind a JUNG KNX system	34
Central control	36
Control panels	38
Intelligent voice control	42
Extending KNX wirelessly	44
Door communication	46
KNX is the worldwide standard	48
Summary: therefore KNX	50
Quality – Made in Germany	52
Social Media	54



Living in a smart home: functions and applications

Live smarter with KNX: in the living room, the lighting mood perfectly matches the feel-good temperature. 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. Using individually created scenes, the individual functions can even be combined. Perfect when convenience becomes such a matter of course.



LIGHTING

Individual control of the indoor and outdoor lighting. Automatically, as needed and thus energy saving.



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.



BLINDS AND SHUTTERS

The automatic control of blinds and shutters including louvre adjustment is regulated by sunlight. The control is performed centrally or decentralised.



MONITORING/ALARM SIGNALING

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.



VOICE CONTROL

“Alexa, turn on the light in the bathroom”: with the help of voice control, daily life works with just an announcement. JUNG KNX is compatible with Alexa and Google Assistant.



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.



KNX F 40 push-button
in the LS 990 range
in dark

LS range: purity in the smart home

Designed in the Bauhaus tradition – while remaining open to modern challenges. The LS range combines purist design with smart technology.

F 40 PUSH-BUTTON



Four functions in one device instead of four individual switches on the wall.

F40 ROOM CONTROLLER



Well combined: indication on the graphical display, operation with the push of a button.

F 50 PUSH-BUTTON



Impressive operating concept: large inscription field, intuitive operation.

F 10 PUSH-BUTTON



Looks like a normal switch but controls, for example, the blinds in KNX.

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 design range, this is possible quite easily. Clear symbols on the buttons make operation

easier: together with your technical partner, owners can specify the functions of every single button individually. Room controllers with display show function and, for example, the current room temperature.



KNX F50 room controller
in the LS 990 range in dark

An overview of the LS range

Variety squared: narrow or wide frames, plastic, real metal or glass and numerous colours, matt or glossy – the LS range is timeless and matches every furnishing style.





LS 990

The classic among the flat switches: with particularly narrow frames and maximum operating area, the LS 990 has been impressing owners and architects for more than 50 years.



LS ZERO

Some things stand out because they are unobtrusive. LS ZERO is the consistently flush-mounted switch range from JUNG.



LS CUBE

The solution for all areas where flush mounting is either not possible or not wanted: LS CUBE is the stylish, surface-mounted version of the LS 990 design classic.



LS DESIGN

A switch range that sets itself apart: with a shadow gap on the rear of the frame, the switches and sockets visually distance themselves slightly from the wall.



LS PLUS

Sets special accents: the conspicuously wide design frames in high-quality glass make switches and sockets from the LS PLUS range an eye-catcher.



Les Couleurs® Le Corbusier

Worldwide exclusive: with LS 990 Les Couleurs® Le Corbusier, we offer light switches, sockets and operating controls in the 63 original colours of Les Couleurs® Le Corbusier.

The choice in the LS 990 range

Contemporary styling, a high level of functionality, inspiration of design and sustainable quality combine in a whole. The KNX push-buttons and room controllers in the LS 990 range in high-quality metal designs meet this aspiration in a special way.

LS 990 in metal



F 10 push-button in stainless steel



F 40 push-button in aluminium



F 50 room controller in anthracite



F 10 push-button in dark



F 40 room controller in classic brass



F 50 push-button in antique brass

LS 990 in plastic



F 10 push-button in ivory



F 40 room controller in white



F 50 room controller in light grey



F 10 push-button in black



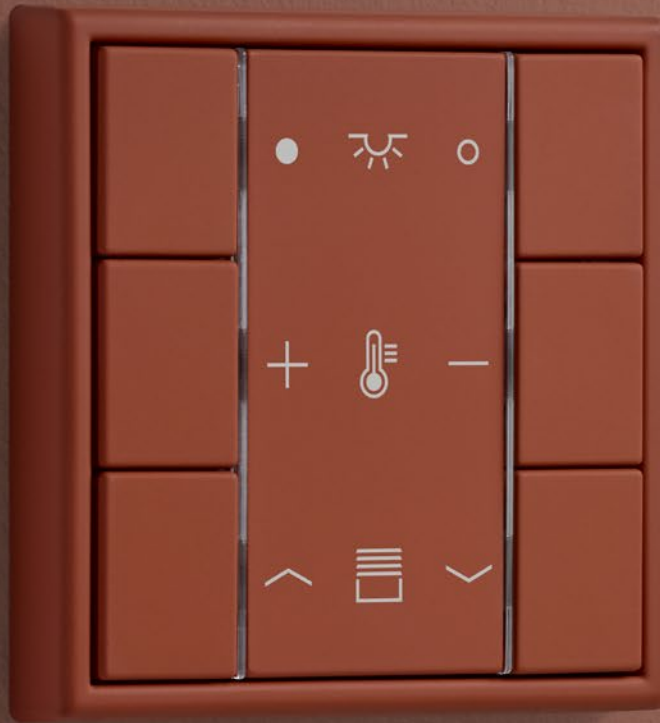
F 40 push-button in matt snow white



F 50 push-button in matt graphite black

Unique variety of colours with the LS 990 range

Le Corbusier's universal colour system, the Polychromie Architecturale, inspires with a timeless colour palette and noteworthy combination ability of the 63 Les Couleurs® Le Corbusier.





The colour keyboards

Le Corbusier focused on harmony of colours and the effect colour has on people and space. To this day, his Polychromie Architecturale has been an important source of inspiration for the professional design of rooms and buildings. The special feature: the 63 Les Couleurs® Le Corbusier colours are perfectly matched to each other and can thus be combined harmoniously throughout. Due to this remarkable property, the colours display an extraordinary effect in every room.

For more, see jung.group/lc

Single room control with the touch display

LS TOUCH IN THE LS 990 RANGE



in stainless steel



in white



in Les Couleurs® Le Corbusier rouge vermillon 59



in Les Couleurs® Le Corbusier gris moyen

With the KNX room controller LS TOUCH, up to 32 smart home functions can be controlled within a room – from the lighting via the heating to the multimedia. The smart touch display in switch format combines simple, intuitive operation of functions with visualisation of the system. LS TOUCH is based on clear and easily understood

symbols and the operating philosophy is reminiscent of the operation of modern smartphones: the functions are called by swiping on the display.

LS TOUCH is permanently connected with a 1-gang frame from the JUNG LS 990 or LS ZERO switch ranges and is available in a variety of materials and colours.



LS TOUCH



LS 1912 toggle push-button



1-gang in stainless steel



2-gang in aluminium



2-gang in dark with four functions

The LS 1912 toggle switch is a homage to the beginnings of the company. In combination with a KNX push-button interface, the LS 1912 becomes a KNX control unit. It then also controls the light, the heat or the shading in a KNX system. Ideal for a smart home with a classic interior. Mounting is possible both horizontally and vertically.



LS 1912 toggle push-button in classic brass
with engraved symbols

Detached house in Dortmund

Interior design: scenario – lifestyle & decoration

Photos: Henrik Schipper

Equipped with JUNG KNX technology in the

LS 990 switch range



Smart living in the Ruhr region



Natural colours for the interior design underline the generous size of the rooms.



The smart technology ideally integrates into the comfortable ambience.



Large window fronts create openness and the connection to the surroundings.



The open plan of the house makes the rooms seem especially generous.

The JUNG KNX system controls the intelligent building: the automation of daily processes guarantees high levels of convenience and energy efficiency. In addition, the rooms in this impressive detached house in Dortmund are unusually large, the materials and surfaces are particularly high quality.

A range: smart technology with accentuated design

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





F 50 room controller
in the A 550 range in matt anthracite

F 40 PUSH-BUTTON IN A CREATION



Simply press: large buttons to control the building technology.

F 50 PUSH-BUTTON IN A VIVA



The arrangement of the button functions and clear lines lead you to the respective functions.

A 550 ROTARY SENSOR



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

ROOM CONTROLLER IN A FLOW



Central control of lighting, temperature and blinds.

The individual feel-good lighting throughout the house. A comfortable temperature all year round. And listen to your favourite music throughout the home: perfect to control using the KNX control elements in the programs for the A range. Combine in scenes or separately,

using the desired functions is always child's play. Additionally, buttons identified with clear symbols make using them easier: applied with laser engraving or colour printing using the JUNG GRAPHIC TOOL.



F 10 push-button
in the A VIVA range in black

Overview of the A and AS ranges

With frames in plastic or glass, the A range sets fresh accents in every room. The AS range impresses with its harmonious lines.





A 550

The striking lines of the A 550 provide style without compromise. The switch range stands for modern design and complements contemporary furnishing styles.



A FLOW

Discretely rounded frames, angular centre plates: the lines of the A FLOW switch range suit fresh living ideas with a relaxed mix of styles.



A VIVA

The satined glass frames with rounded edges make the surface of A VIVA look soft.



A CREATION

The design-oriented style of A CREATION is clear and precise. A shadow gap creates spatial depth so that the push-buttons appear to float on the wall.



A CUBE

The design variant in breakproof thermoplastic for surface-mounted installation: A CUBE picks up the reduced design of the A 550.



AS 500

Light switches and sockets from the AS 500 range are the solution for all areas where functionality and reliability play a particular role.

The choice in the A and AS ranges

AS 500



F10 push-button in ivory

A 550



F40 room controller in white

A FLOW



F50 room controller in aluminium look



F10 push-button in white



F50 room controller in black



F40 room controller in matt snow white



F40 push-button in matt graphite black



F40 room controller in matt anthracite

A VIVA



F40 push-button in white

A CREATION



F10 push-button in white

A CUBE



F40 push-button in matt graphite black



F10 push-button in black



F10 push-button in champagne



F10 push-button in matt snow white



F40 push-button in crystal grey



F40 room controller in champagne

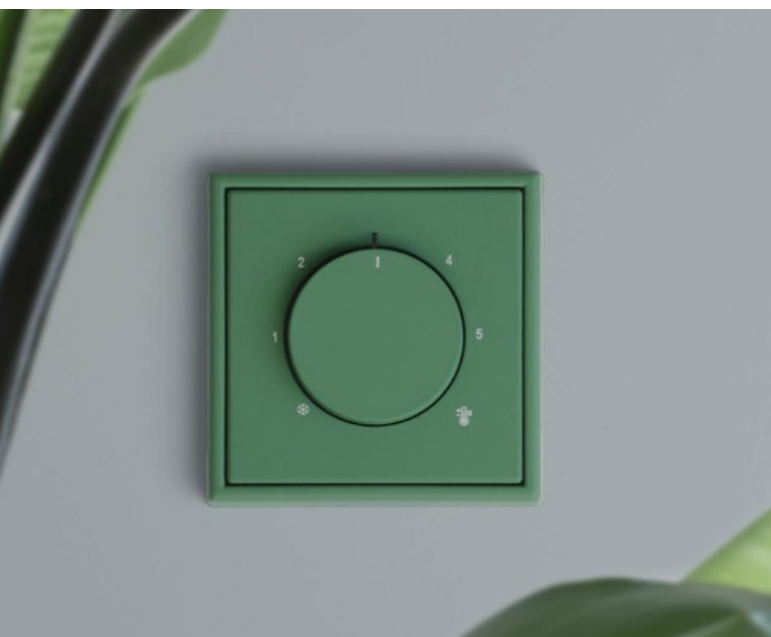


F50 push-button in aluminium

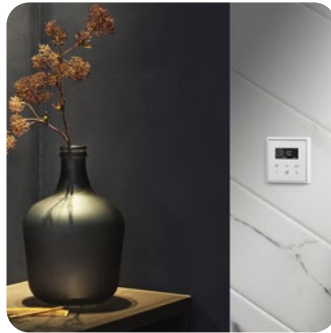


KNX RF push-button
in the LS 990 range in white





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.



KNX F 40 push-button in a 2-gang combination and a SCHUKO® socket in the LS 990 range in matt graphite black