

JUNG

Smart. Secure. Flexible.

Intelligent building technology from JUNG.



MADE IN GERMANY SINCE 1912

JUNG Smart Home systems



From the basic system for light and shade management to the wireless JUNG eNet Smart Home and the wired KNX system for private and functional buildings – what unifies all JUNG Smart Home systems is their high level of functionality, ease of operation, flexibility and, last but not least, the special JUNG design.

In order to make orientation easier, JUNG has divided its systems into four categories:

BASIS

With the combination of different inserts and covers, JUNG LB Management provides a solution for virtually every function for light, shade and temperature control. When retrofitting existing installations, individual components (always insert plus cover) can also be replaced by LB Management and the others can continue to be used. The system is controlled manually using push-buttons, automatically with sensors, with timers or with a smartphone.

COMFORT

Switch or dim lights, control blinds or heating – from home or on the move. JUNG eNet SMART HOME is the ideal solution for more convenience and security in your apartment, your house or in small offices. Not only in new buildings but also particularly when modernising, the wireless system shows its full potential. As it works without cables, JUNG eNet SMART HOME is particularly flexible: It can be adapted easily if the room usage changes and new components can be added at any time.



PREMIUM

Always perfect light, automatically heated rooms and significantly more security: KNX makes it possible. The JUNG Smart Visu Server provides even more convenience and control. Visualise KNX processes on a smartphone or integrate existing building technology and smart home solutions such as Philips Hue or Sonos into the smart technology. With the JUNG Smart Visu Server, controlling all the functions is particularly easy and convenient.






HIGH END

Smart all-rounder for building automation control: With numerous possibilities for individualisation and the highest level of security, the JUNG Visu Pro Server is ideal for use in superior private and functional buildings. With the integration of SENECHOME smart power storage into the home automation, you use energy particularly efficiently. For extra security, the communication in the network is encrypted with KNX Secure.






Smart Home overview

EQUIPMENT	BASIS	COMFORT 	PREMIUM 	HIGH END 
SYSTEM	LB MANAGEMENT	eNet SMART HOME	KNX SMART VISU SERVER	KNX VISU PRO SERVER
COMMUNICATION STANDARD	Bluetooth LE	eNet	KNX, IP	KNX, IP
COMMUNICATION MEDIA	Wireless	Wireless, REG bus	Wireless, TP, Ethernet	Wireless, TP, Ethernet
SIMPLICITY OF INSTALLATION/ COMMISSIONING	★★★	★★★	★★☆	★★☆
BUILDING FUNCTIONS				
Lighting	★★☆	★★☆	★★★★	★★★★
Blinds	★★☆	★★☆	★★★★	★★★★
Security	★★☆	★★☆	★★★★	★★★★
Heating	–	★★★ (tado°)	★★★★	★★★★
Scenes	–	★★★★	★★★★	★★★★
Energy	–	★★☆	★★☆	★★☆
Weather	–	–	★★☆	★★★★
Window and door monitoring	–	–	★★☆	★★☆
ADDITIONAL FUNCTIONS				
Value display	★★☆	★★☆	★★★★	★★★★
Timer switches	★★☆	★★☆	★★★★	★★★★
Configuration possibilities by end user	★★☆	★★★★	★★★★	★★☆
User management	★★☆	★★☆	★★☆	★★★★
Presence simulation	★★☆	★★☆	★★☆	★★☆
Logic functions	–	★★☆	★★☆	★★★★
Integration of other systems	–	★★★★	★★★★	★★★★
Browser integration	–	–	★★★★	★★★★
Multimedia	–	–	★★★★	★★☆
Message	–	–	★★☆	★★★★
Camera	–	–	★★☆	★★☆
Charting diagrams	–	–	–	★★★★
Free visualisation	–	–	–	★★★★
Sequences	–	–	–	★★☆
Geofencing	–	★★★ (tado°)	–	–




- LEGEND
- ★★☆ Function is available
 - ★★★ Function is available with greater scope
 - ★★★★ Function is available with complete scope

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COMMUNICATION STANDARD	Bluetooth LE	eNet	KNX, IP	KNX, IP
COMMUNICATION MEDIA	Wireless	Wireless, REG bus	Wireless, TP, Ethernet	Wireless, TP, Ethernet
SIMPLICITY OF INSTALLATION/ COMMISSIONING	★★★	★★★	★★☆	★★☆
OPERATION				
Smartphone	★★★★	★★★★	★★★★	★★★★
Tablet	★★★★	★★★★	★★★★	★★★★
Remote access	–	★★★★	★★★★	★★★★
JUNG Smart Controls	–	★★★★	★★★★	★★★★
JUNG push-buttons and push-button sensors	–	★★★★	★★★★	★★★★
Smart assistants	–	★★★★	★★★★	★★★★
Remote maintenance	–	★★☆	★★★★	★★★★
PC	–	–	★★★★	★★★★
SECURITY				
Fully encrypted communication	★★★★	★★★★	★★☆	★★★★

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COMMUNICATION STANDARD	Bluetooth LE	eNet	KNX, IP	KNX, IP
COMMUNICATION MEDIA	Wireless	Wireless, REG bus	Wireless, TP, Ethernet	Wireless, TP, Ethernet
SIMPLICITY OF INSTALLATION/ COMMISSIONING	▪ Commissioning via app	▪ Push-button commissioning ▪ Server commissioning	▪ KNX commissioning ▪ Server commissioning	▪ KNX commissioning ▪ Server commissioning ▪ Visu creation
BUILDING FUNCTIONS				
Lighting	▪ Switching ▪ Dimming	▪ Switching ▪ Dimming	▪ Switching ▪ Dimming ▪ Colour temperature ▪ Colour	▪ Switching ▪ Dimming ▪ Colour temperature ▪ Colour ▪ Sequences
Blinds/shutters/awnings/ventilation/ skylights	▪ Blinds ▪ Shutters ▪ Awnings	▪ Blinds ▪ Shutters ▪ Awnings	▪ Blinds ▪ Shutters ▪ Awnings ▪ Ventilation flaps ▪ Skylights	▪ Blinds ▪ Shutters ▪ Awnings ▪ Ventilation flaps ▪ Skylights
Security	▪ Storm/rain (satellite unit)	▪ Storm/rain (universal transmitter)	▪ Leakage ▪ Condensation ▪ Storm/rain ▪ CO ₂	▪ Leakage ▪ Condensation ▪ Storm/rain ▪ CO ₂
Heating/ventilation/air conditioning		▪ Radiator thermostat ▪ Wall thermostat ▪ Boiler	▪ Underfloor heating ▪ Radiator thermostat ▪ Ventilation ▪ Boiler	▪ Underfloor heating ▪ Radiator thermostat ▪ Ventilation ▪ Boiler
Scenes		▪ Scenes via wall transmitter ▪ Scenes via app ▪ Scenes via voice control ▪ Up to 34 scenes	▪ Scenes via wall transmitter ▪ Scenes via app ▪ Scenes via voice control ▪ Over 100 scenes	▪ Scenes via wall transmitter ▪ Scenes via app ▪ Scenes via voice control ▪ Unlimited scenes
Energy		▪ Energy measurement	▪ Energy measurement	▪ SENEK Home battery storage ▪ Energy measurement
Weather			▪ Weather forecast ▪ Weather station	▪ Weather forecast ▪ Weather station ▪ Creation of rules for example for storms
Window and door monitoring			▪ Window contacts ▪ Door contacts ▪ Dead bolt switch contacts	▪ Window contacts ▪ Door contacts ▪ Dead bolt switch contacts
ADDITIONAL FUNCTIONS				
Value display	▪ Brightness (lux) ▪ Temperature (°C)	▪ Brightness (lux) ▪ Temperature (°C) ▪ Power (W) ▪ Energy consumption (kWh)	▪ Brightness (lux) ▪ Temperature (°C) ▪ Humidity (g/m³) ▪ Power (W) ▪ Energy consumption (kWh) ▪ CO ₂ (ppm) ▪ Operating hours (h)	▪ Brightness (lux) ▪ Temperature (°C) ▪ Humidity (g/m³) ▪ Power (W) ▪ Energy consumption (kWh) ▪ Autarchy (%) ▪ CO ₂ (ppm) ▪ Operating hours (h)
Timer switches (incl. Astro function)	▪ 40 switching times ▪ Astro function	▪ Up to 100 timer switches ▪ Astro function	▪ Up to 250 switching times ▪ Astro function	▪ Up to 256 timer switches ▪ Astro function
Configuration possibilities by end user	▪ Timer programmes ▪ Switch-on brightness ▪ Min./max. brightnesses ▪ Switch-on/switch-off delays ▪ Movement detector detection areas ▪ Nightlight function ▪ Hotel function	▪ Favourites ▪ Scenes ▪ Rules ▪ Timer programmes ▪ Voice service ▪ Remote access ▪ tado° heating solution	▪ Favourites ▪ Scenes ▪ Rules (actions) ▪ Timer programmes ▪ Voice service ▪ Remote access ▪ Philips Hue ▪ Sonos	▪ Scenes ▪ Rules ▪ Timer programmes ▪ Voice service ▪ Remote access
User management	▪ User ▪ Password	▪ Admin ▪ User with change permissions ▪ User without change permissions	▪ Admin ▪ User with freely definable per- missions ▪ Up to 24 users with freely definable permissions	▪ Admin ▪ Up to 150 users with freely definable permissions
Presence simulation	▪ 24h device memory	▪ Time switching programmes	▪ Simulation created specifically incl. random function	▪ Simulation created specifically incl. random function
Logic functions (if-then)		▪ Up to 32 if-then actions	▪ AND ▪ OR ▪ XOR ▪ Up to 250 if-then actions	▪ AND ▪ OR ▪ XOR ▪ If-then ▪ Counter ▪ Own scripts ▪ Unlimited if-then actions
Integration of other systems		▪ tado° ▪ Google Assistant ▪ Amazon Alexa	▪ Philips Hue ▪ Sonos ▪ Amazon Alexa ▪ Google Assistant	▪ TCP/IP ▪ UDP/HTTP ▪ Amazon Alexa ▪ Google Assistant

Smart Home overview

EQUIPMENT	BASIS	COMFORT 	PREMIUM 	HIGH END 
Browser integration			▪ Web site	▪ Web site ▪ Browser with URL window
Multimedia			▪ Native Sonos integration	▪ Multimedia integration using KNX gateways
Message/alarm signalling			▪ E-mail message	▪ E-mail message ▪ Alarm pages ▪ Acoustic/optical alarm signalling
Camera			▪ By browser	▪ By browser ▪ Web camera with password protection
Charting diagrams				▪ Diagrams ▪ Archive ▪ Alarm limits
Free visualisation (e.g. floor plan)				▪ Free creation of visualisation pages ▪ 3D floor plans ▪ Individual according to the requirements of the user
Sequences				▪ Creation of individual sequences
Geofencing		▪ Use for rules via tado° app		
OPERATION				
Smartphone (iOS and Android)	▪ iOS ▪ Android	▪ iOS ▪ Android	▪ iOS ▪ Android	▪ iOS ▪ Android
Tablet (iOS and Android)	▪ iOS ▪ Android	▪ iOS ▪ Android	▪ iOS ▪ Android	▪ iOS ▪ Android
Remote access		▪ eNet SMART HOME remote ▪ Free ▪ VDE Smart Home security certified	▪ JUNG Remote ▪ One-time €29	▪ JUNG Remote ▪ One-time €29
JUNG Smart Controls (SC 5, 7, 10, 15, 19)		▪ Pre-installed on all Smart Controls	▪ Pre-installed on all Smart Controls	▪ Pre-installed on all Smart Controls
JUNG push-buttons and push- button sensors	▪ LB centre plates ▪ Conventional switching points	▪ F 40 ▪ F 50 ▪ eNet radio centre plates ▪ Conventional switching points	▪ F 10 ▪ F 40 ▪ F 50 ▪ Conventional switching points	▪ F 10 ▪ F 40 ▪ F 50 ▪ Conventional switching points
Smart assistants		▪ Google Assistant ▪ Amazon Alexa	▪ Google Assistant ▪ Amazon Alexa ▪ Offline Snips voice control	▪ Google Assistant ▪ Amazon Alexa
Remote maintenance		▪ Remote access to commissioning	▪ Remote access to commissioning ▪ Remote access to Visu	▪ Remote access to commissioning ▪ Remote access to Visu
PC/browser			▪ PC/browser	▪ PC/browser
SECURITY				
Fully encrypted communication	▪ Radio encryption	▪ HTTPS ▪ radio encryption	▪ HTTPS	▪ HTTPS ▪ KNX IP Secure ▪ KNX Data Secure

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