Control home automation conveniently via remote control –
and with minimal installation effort!

KNX RF can be used as an exclusively wireless solution or
connected to a wired KNX TP system.

elsner

Light Corridor	56%
Heating Corridor	
22,5°C	+
Scenes	
A	B
Blinds	30%
Window	

KNX RF

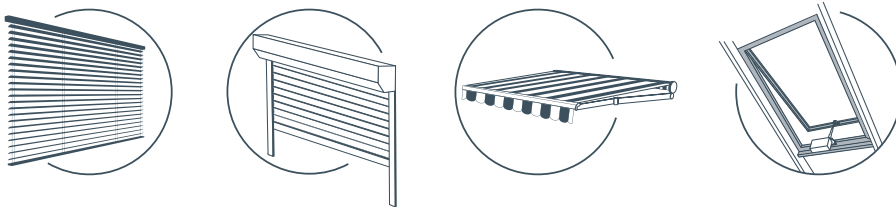All Advantages of KNX – Wireless

elsner®
elektronik

KNX®

A COMFORTABLE SMART HOME WITH KNX RF

You would like to operate roller shutters, blinds, awnings and windows via radio remote control?
– KNX RF is perfect for „Smart Home" beginners with a high standard!
Easy to retrofit and expandable at any time!

SHADING AND VENTILATION
with the Actuators KNX RF-MSG

- The plug-in modules integrate drives of shadings and windows into the KNX system.
- Simply plug in between motor and power supply (STAK3 / STAS3), order matching connection lines (STAK3 / STAS3) at the same time.
- Fast commissioning without interfering with the electrical installation: Simply use the suitable mains supply with earthing contact plug! The fixed connection to the home mains network can be done later by a qualified electrician.

- The actuators determine the drives' running time based on the current, thus the shadings are positioned properly.
- Bus functions: position feedback and storage, scenes.
- Retransmitter function: The forwarding of all received KNX RF telegrams increases the range of the radio system.
- Available for 1 motor / for 1 motor with 230 V loop-through function / for 2 motors.

Also available as plug-in module: Group Control Relay GS2-DST for parallel operation of two drives without integrated isolating relay.

FLEXIBLE USE DUE TO MULTIFUNCTIONALITY
KNX RF S1R-B2 compact

- The multifunctional actuator controls either a drive of shading or window (up & down) or switches two electrical loads, for example lights or fans.
- Compact design: The device can be placed in any junction box or cavity.
- Bus functions: Position feedback and storage, scenes, short-term and movement restrictions.
- Via 2 digital inputs you can, for example, connect conventional push-buttons or window contacts to the KNX system.
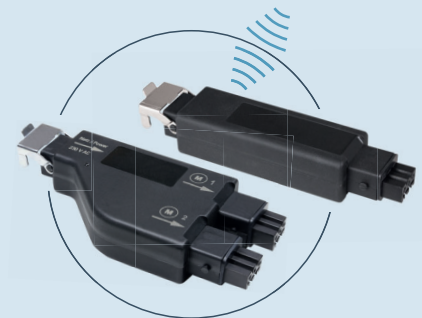
SWITCHING 16 A
with KNX RF R1-B2 compact 16 A

- The compact actuator switches a consumer up to 16 A, e.g. sockets or large-scale electrical devices. This makes it ideal for safe complete shutdown and standby avoidance.
- Via 2 digital inputs you can, for example, connect conventional push-buttons or other auxiliary contacts to the KNX system.

All KNX RF devices from Elsner Elektronik comply with the S-Mode standard. This means that they are configured with the device-specific application in the ETS.

KNX RF Radio

KNX RF-MSG-ST, KNX RF-MSG(2)-DST
Actuators for 1 or 2 motors

KNX RF S1R-B2 compact
Actuator for 1 motor or 2 consumer loads

KNX RF R1-B2 compact 16 A
Actuator for 1 consumer load

COMBINING RADIO AND WIRE:
THE BEST OF BOTH WORLDS

You would like to supplement a wired KNX TP project flexibly and increase the ease of use?
– KNX RF is perfect for easy, fast extension! This only requires a media coupler.
And the remote control will be the icing on the cake of your project!

KNX® TP KNX TP wired system with further actuators, sensors & system devices

KNX TP

CONNECTING KNX RF AND KNX TP
with the Media Coupler KNX RF LC-TP

- Complete wired KNX TP systems with KNX RF, e.g. to integrate a remote control or additional wireless actuators.
- Bidirectional data exchange.
- Display shows addressing, KNX traffic (bus load for RF and TP), incoming and outgoing telegrams (for RF and TP, with source and target address) and signal strength.

KNX RF LC-TP
Media Coupler

CONTROLLING TECHNOLOGY BY FINGERTIP
with the Remote Control Remo KNX RF

- Handheld transmitter for up to 32 KNX devices / functions, e.g. positioning actuators, switching or dimming light, recall scenes …
- Functions: Switching, dimming, light colour RGBW, light colour temperature, positioning of drives (awning, blind, roller shutter, window), temperature change (for heating/cooling), scenes, operation of media technology, value display.
- Colored touch display with shutdown function: A built-in motion detection automatically activates the display when the remote control is picked up.
- The names of the radio channels and their display order can be changed directly on the touch display.
- The basic setup is made using the ETS.
- The integrated lithium battery is loaded by a standard power supply with micro-USB cable.

Remo KNX RF Remote Control

SIMPLE SETUP AT THE PC
with the KNX RF USB Stick

- The USB stick is the interface for setting up a KNX system via KNX RF.
- The stick works with any windows-based PC, drivers are installed automatically.
- KNX RF devices such as the Remo KNX RF remote control and the KNX RF-MSG-(D) ST actuators are addressed and programmed in the ETS version 5 and higher.

KNX RF USB Stick PC Interface

YOUR ADVANTAGES WITH **KNX®**

- Manufacturer independent, large product selection at over 420 manufacturers.
- Worldwide standard (ISO / IEC 14543-3).
- Proven compatibility of all certified products.
- Decentralized structure: Expandable via cable, radio and IP. **More at www.knx.org**

PRODUCT OVERVIEW KNX RF ELSNER ELEKTRONIK

Radio communication with 868.3 MHz; KNX RF S-Mode

Mains
230 V AC → Mains, 230 V AC → ⓜ

KNX RF-MSG-DST Radio Actuator for 1 drive . . . . N° 70712

- 1 STAK3 drive output (1 drive or 1 group)
- 1 STAS3 mains input for 230 V AC, 50 Hz | 1 STAK3 mains output for supplying additional actuators
- Up to 12 actuators and up to 1.5 kW power load per mains connection

Mains
230 V AC → ⓜ

KNX RF-MSG-ST Radio Actuator for 1 drive . . . . N° 70711

- 1 STAK3 drive output (1 drive or 1 group)
- 1 STAS3 mains input for 230 V AC, 50 Hz

Mains
230 V AC → ⓜ ⓜ

KNX RF-MSG2-DST Radio Actuator for 2 drives . . . . N° 70713

- 2 STAK3 drive outputs (2 drives or 2 groups, controlled separately)
- 1 STAS3 mains input for 230 V AC, 50 Hz

KNX RF S1R-B2 compact Radio Actuator for 1 drive / 2 consumer loads . . . . . N° 70715

- Potenzialfreier Ausgang für 1 Antrieb (1×Auf/Ab) oder 2 Verbraucher (2× Ein/Aus)
- Bis 230 V AC, 6 A

KNX RF R1-B2 compact 16A Radio Actuator for 1 consumer load . . . . N° 70720

- Potenzialfreier Ausgang für 1 Verbraucher (Ein/Aus), bis 230 V AC, 16 A

REMO KNX RF Remote Control . . . . N° 70746

reddot award 2017 winner

- Radio remote control with 32 channels
- Coloured touch display, buttons can be labelled individually

KNX RF LC-TP Media Coupler . . . . N° 70701

- Connects wireless KNX devices (KNX RF) with wired devices (KNX TP), bidirectional communication
- Display shows addressing, KNX traffic, telegrams

KNX RF USB STICK PC Interface . . . . N° 70704

- For system setup via KNX RF: addressing, programming, diagnosis. For windows-based PC

Connection Line . . . . 1 m   N° 60565

1 / 2,5 / 5 m

- STAS3 to STAK3   2,5 m   N° 60566
- With STASI securing bracket   5 m   N° 60567

Mains Line 5 m . . . . N° 60563

5 m

- Protective contact plug with STAK3 output and STASI securing bracket

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THIS IS HOW EASY THE RADIO ACTUATORS ARE INSTALLED

Remote Control
Remo KNX RF

Mains
230 V AC

Actuator
KNX RF-MSG-DST

Actuator
KNX RF-MSG-ST

230 V

Motor

230 V

Motor

Additional actuators can be plugged in easily. The maximum power load per mains connection is 1.5 kW.

The **fixed connection of the system to the home mains network** must be set up by an **electrician**!

Ⓜ Roller shutter for example

Ⓜ Awning for example