

## KNX RF radio USB stick

Art. No. : USB2130RF

### Operating instructions

## 1 Safety instructions



**Electrical devices may only be mounted and connected by electrically skilled persons.**

**Serious injuries, fire or property damage possible. Please read and follow manual fully.**

**The radio communication takes place via a non-exclusively available transmission path, and is therefore not suitable for safety-related applications, such as emergency stop and emergency call.**

**These instructions are an integral part of the product, and must remain with the end customer.**

## 2 Function

### System information

This device is a product of the KNX system and complies with the KNX directives. Detailed technical knowledge obtained in KNX training courses is a prerequisite to proper understanding.

The range of a radio system depends on various external circumstances. The range can be optimised by the choice of installation location. The product documentation for this device contains application basics for the KNX radio system.

Planning, installation and commissioning are carried out with the aid of KNX-certified software of version ETS5 or higher. You can find the up-to-date product database, technical descriptions and Declaration of Conformity on our Internet site.

### Intended use

- PC interface for the addressing, programming and diagnostics of KNX-RF devices
- USB stick for coupling to a PC with a Windows-based operating system

### Product characteristics

- Commissioning, programming, visualisation and diagnostics of KNX-RF devices
- Automatic installation of PC communication via HID profile

## 3 Information for electrically skilled persons

### Commissioning a USB stick

Installed KNX software - e.g. ETS or visualisation software - is suitable for access to KNX-RF devices.

- Insert the USB stick in a free USB port on the PC.
- Launch the KNX software.
- In the KNX software, activate the USB stick as a data interface.

**i** If the USB stick is inserted into a PC for the first time, it will first be initialised by the operating system. This initialisation can take several minutes.

## 4 Appendix

### 4.1 Technical data

|                                  |                                      |
|----------------------------------|--------------------------------------|
| KNX medium                       | RF1.R                                |
| Relative humidity                | max. 80 % (No moisture condensation) |
| Degree of protection             | IP 20                                |
| Radio frequency                  | 868.0 ... 868.6 MHz                  |
| Transmission capacity            | max. 20 mW                           |
| Transmitting range in free field | typ. 100 m                           |
| Ambient temperature              | -10 ... +70 °C                       |



USB-Version  
USB connection  
Rated voltage  
Receiver category

2.0  
Type A  
DC 5 V  
2

## 4.2 Conformity

Albrecht Jung GmbH & Co. KG hereby declares that the radio system type

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corresponds to the directive 2014/53/EU. You can find the full article number on the device. The complete text of the EU Declaration of Conformity is available under the Internet address: [www.jung.de/ce](http://www.jung.de/ce)

## 4.3 Warranty

The warranty follows about the specialty store in between the legal framework as provided for by law.

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