Manuals+ — User Manuals Simplified.

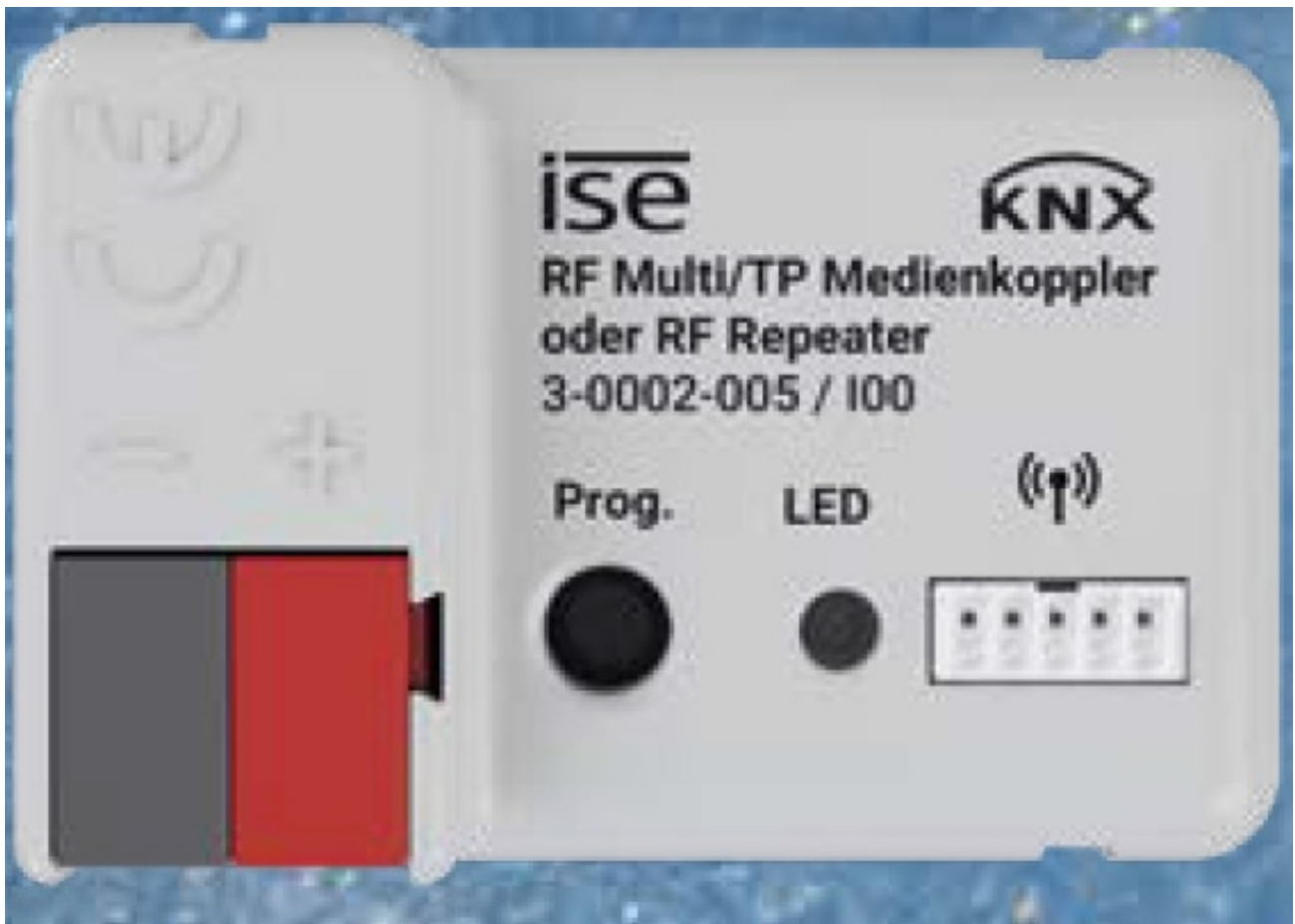# ise KNX RF Multi TP Media Coupler or RF Repeater Instructions

Contents

ise KNX RF Multi TP Media Coupler or RF Repeater

Technical Data

- Rated voltage: Supply from KNX bus or 24 V SELV
- Current consumption: 8 mA
- KNX communication: RF1.R (Ready) 868.3 MHz RF1.M (Multi) 868.3 MHz, 868.95 MHz, 869.85 MHz, 869.525 MHz max. KNX/TP, S mode
- RF transmission power: maximum 25 mW
- Transmission range in free field: 100 m (typical)
- Connections: KNX bus connection terminal
- Ambient temperature: -5 °C to +45 °C
- Dimensions: 433mm x 28mm x 15mm

Ready and Multi. A match made in Heaven.

The media coupler enables both the expansion of existing systems and targeted operation in new buildings. Whether KNX RF Ready or KNX RF Multi, with or without KNX Secure, the media coupler brings everything together – after all, thanks to our patented SMART WHISPER process, only one device is required!

- Segment coupler enables the integration of segments from ETS6
- Security Proxy connects KNX devices with and without Secure in one installation
- Ready to Slow Proxy connects KNX RF Ready with KNX RF Multi
- Area and line coupler
- Repeater (Multi or Ready) for radio range expansion
- Filtering/blocking of group addresses supported

- LED with wide range of functions facilitates installation and diagnostics
- Support of unicast, multicast & broadcast
- Complete group address range is covered
- Support of long frames
- KNX Secure ensures optimal security
- Existing installations can also be expanded downward
- Interlocked fast/slow communication in one single device
- RF programming lock (programming via TP only) enables secure operation, e.g. in hotels and other publicly accessible rooms
- Can be updated via KNX TP and KNX RF

How it works. Simple.

- Combination of KNX devices with or without Secure in one installation
- Existing KNX RF.1 (Ready) products and installations can be easily combined and extended with the media coupler
- Segments can be used for the first time (from ETS6)
- Always up-to-date with updates via KNX RF or KNX TP
- Range expansion when used as a repeater (ETS Retransmitter)
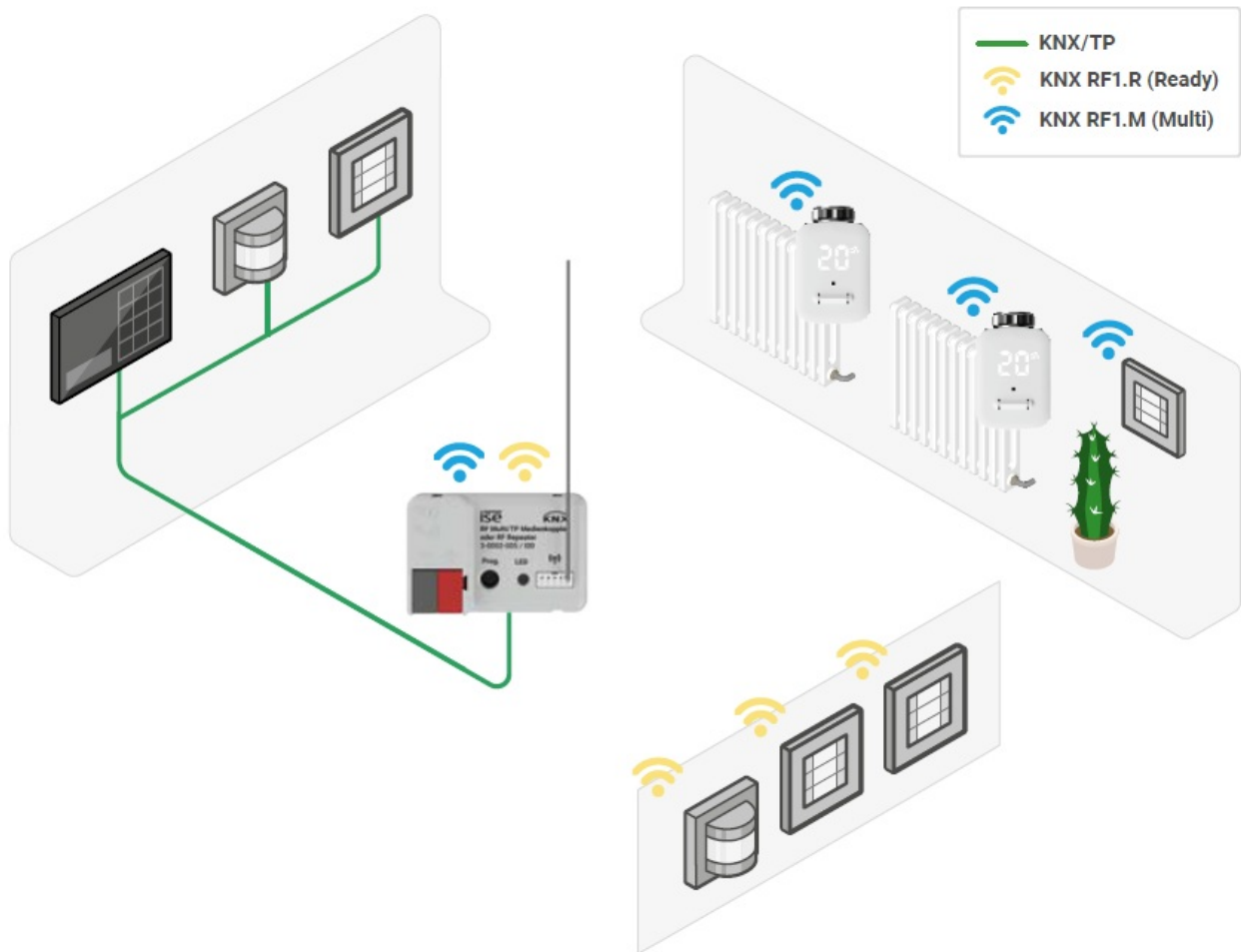
EXPAND EXISTING SYSTEMS
Continue to use the installed devices in the existing building and benefit from the advantages of KNX RF Multi at the same time.
EXTENSIVE INSTALLATIONS ARE NO OBSTACLE
In order to extend the radio range, the media coupler can be used as a repeater. This means that problems with radio coverage are a thing of the past.
SIMPLY CONTINUE USING KNX DEVICES
The media coupler easily integrates existing devices in a down-ward-compatible manner. Thanks to the KNX RF Multi standard, future devices are just as easy to integrate.

Documents / Resources

	ise KNX RF Multi TP Media Coupler or RF Repeater [pdf] Instructions KNX RF Multi TP Media Coupler or RF Repeater, KNX RF Multi TP, Media Coupler or RF Repeater, RF Repeater, Repeater, Media Coupler, Coupler

References

- ise **ise Individuelle Software und Elektronik GmbH**
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