

MDT KNX RF+ Line Coupler, Flush mounted

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| Version | | |
| RF-LK001.02 | KNX RF+ Line Coupler | Flush mounted, commissioning with ETS5 |

The MDT KNX RF+ Line Coupler connects MDT KNX RF+ devices to the KNX bus. The Line Coupler offers extensive filter functions to reduce the KNX RF+ bus load.

The Line Coupler allows bidirectional KNX RF+ communication in the new system mode to the following devices:

- KNX RF+ Glas Push Button Plus with Actuator 4/8-fold
- KNX RF+ Push Button Plus 2/4/6/8-fold
- KNX RF+ Push Button Plus with Actuator 2/4/6/8-fold
- KNX RF+ Switching Actuator 1/2-fold
- KNX RF+ Shutter Actuator 1-fold
- more devices under development

By connection via the MDT KNX RF+ Line Coupler the attached KNX RF+ devices can be directly parameterized with the ETS. Special tools or ETS plugins are not required. A specific parameterization of the Line Coupler is not necessary.

The MDT KNX RF+ Line Coupler is available as flush mounted installation device for fixed installation in dry rooms.

For project design and commissioning of the MDT KNX RF+ Line Coupler it is recommended to use the ETS5.

Please download the application software at www.mdt.de/Downloads.html

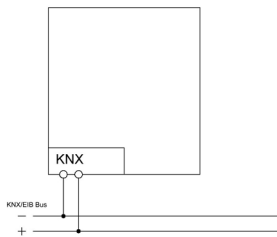
RF-LK001.02



- Production in Germany, certified according to ISO 9001
- KNX RF+ line coupler to connect MDT KNX RF+ devices like MDT Push Button RF+ or MDT Glass Push Button RF+
- **New KNX RF+ protocol in system mode**
- Commissioning via ETS5
- Compatible to the new KNX RF+ specification
- Filter functions to reduce bus load
- Flush mounted in a installation box
- Dimensions (W x H x D): 41mm x 41mm x 22mm
- Integrated bus coupling unit
- 3 years warranty

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| Technical Data | RF-LK001.02 | |
| Transmitter frequency | 868,3MHz (For operating inside the EU) | |
| Range | 150m | |
| Output level | 10dBm | |
| Sensitivity | >-105dBm | |
| Compatibility | KNX RF S-Mode (with ETS5 support) | |
| Specification KNX interface | TP-256 | |
| Available application software | ETS5 | |
| Permitted wire gauge | | |
| KNX busconnection terminal | 0,8mm Ø, solid core | |
| Power supply | KNX bus | |
| Power consumption KNX bus typ. | <0,3W | |
| Operation temperature range | 0 to + 45°C | |
| Enclosure | IP 20 | |
| Dimensions (W x H x D) | 41mm x 41mm x 22mm | |

Exemplary circuit diagram RF-LK001.02



EU Declaration of Conformity Line Coupler RF+



Hereby, MDT technologies GmbH declares that the radio equipment type radio RF-LK001.02 is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.mdt.de/download/MDT_CE_RFLK.pdf