

## MDT KNX RF+ Line Coupler, Flush mounted

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](http://www.mdt.de/Downloads.html)

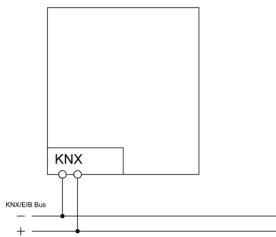
RF-LK001.02



- 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 socket
- Dimensions (W x H x D): 41mm x 41mm x 22mm
- Integrated bus coupling unit
- 3 years warranty

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