

RF Multi data interface for KNX

Order No. 5121 00

RF standard and ETS version:

RF Ready (KNX RF1.R) in ETS5 or ETS6
RF Multi (KNX RF1.M) from ETS6.1.1

Gira
Giersiepen GmbH & Co KG
Dahlienstraße 12
42477 Radevormwald
Germany

T +49 2195 / 602-0
F +49 2195 / 602-191
www.gira.de



Description

The RF Multi data interface for KNX enables access to KNX via radio transmission.

It can be used to address, program and diagnose KNX RF devices with a Windows-based PC. The KNX standards RF Ready and RF Multi are supported.

KNX-certified ETS software is used to commission the device. The ETS version depends on the radio standard used.

Commissioning

The RF Multi data interface for KNX can be configured by anyone with sound KNX specialist knowledge and experience with the ETS. We recommend that configuration is done by a system integrator.

Connecting to a PC

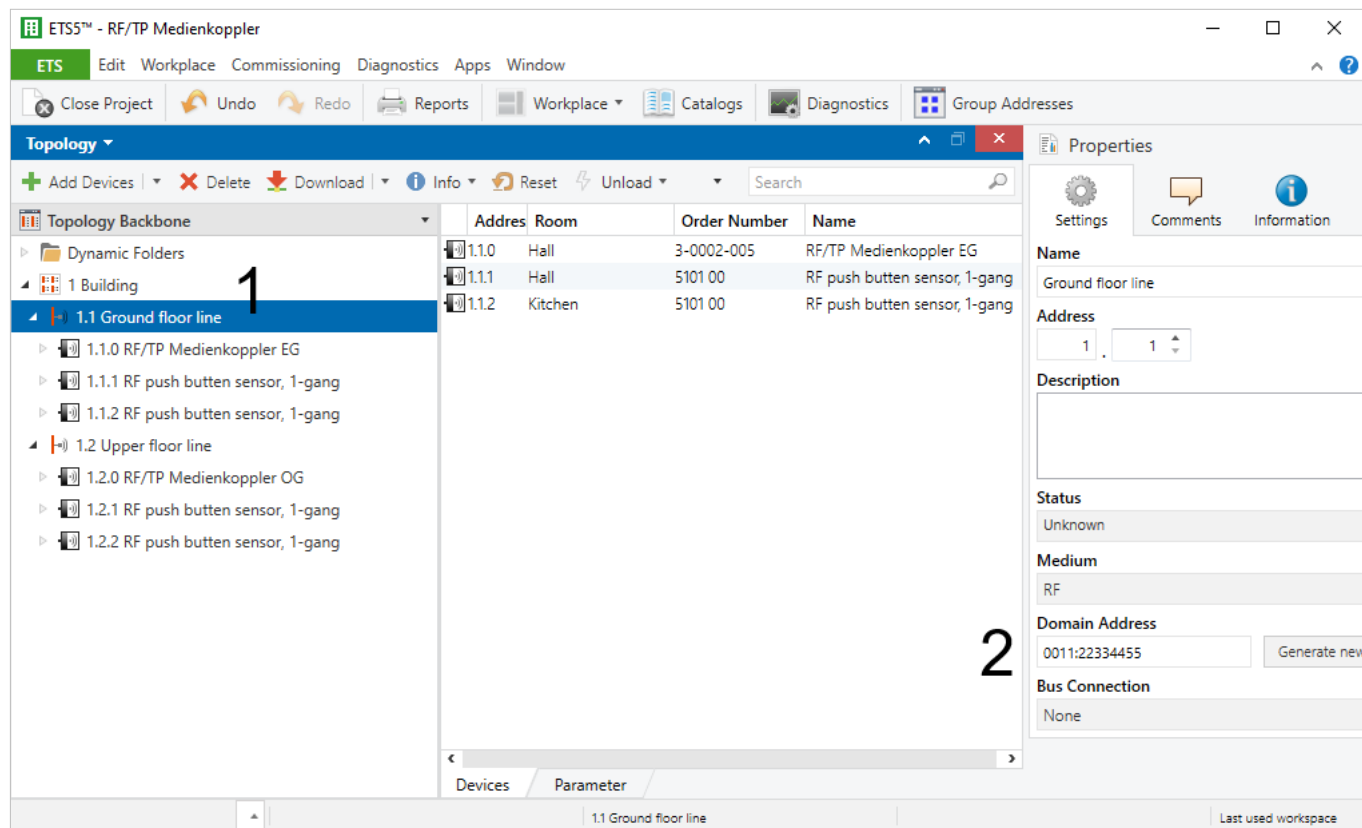
1. Remove the protective cap and insert the RF Multi data interface for KNX into a free USB port on the PC (switched on).

As soon as the device is inserted, the standard Windows drivers required for operation will be installed or enabled. Internet access may be required for driver installation.

2. Depending on the ETS version and radio standard used, open the ETS5 or ETS6 and start the setup:
 - “Setting up the device in the ETS5” on page 3
 - “Setting up the device in the ETS6” on page 6

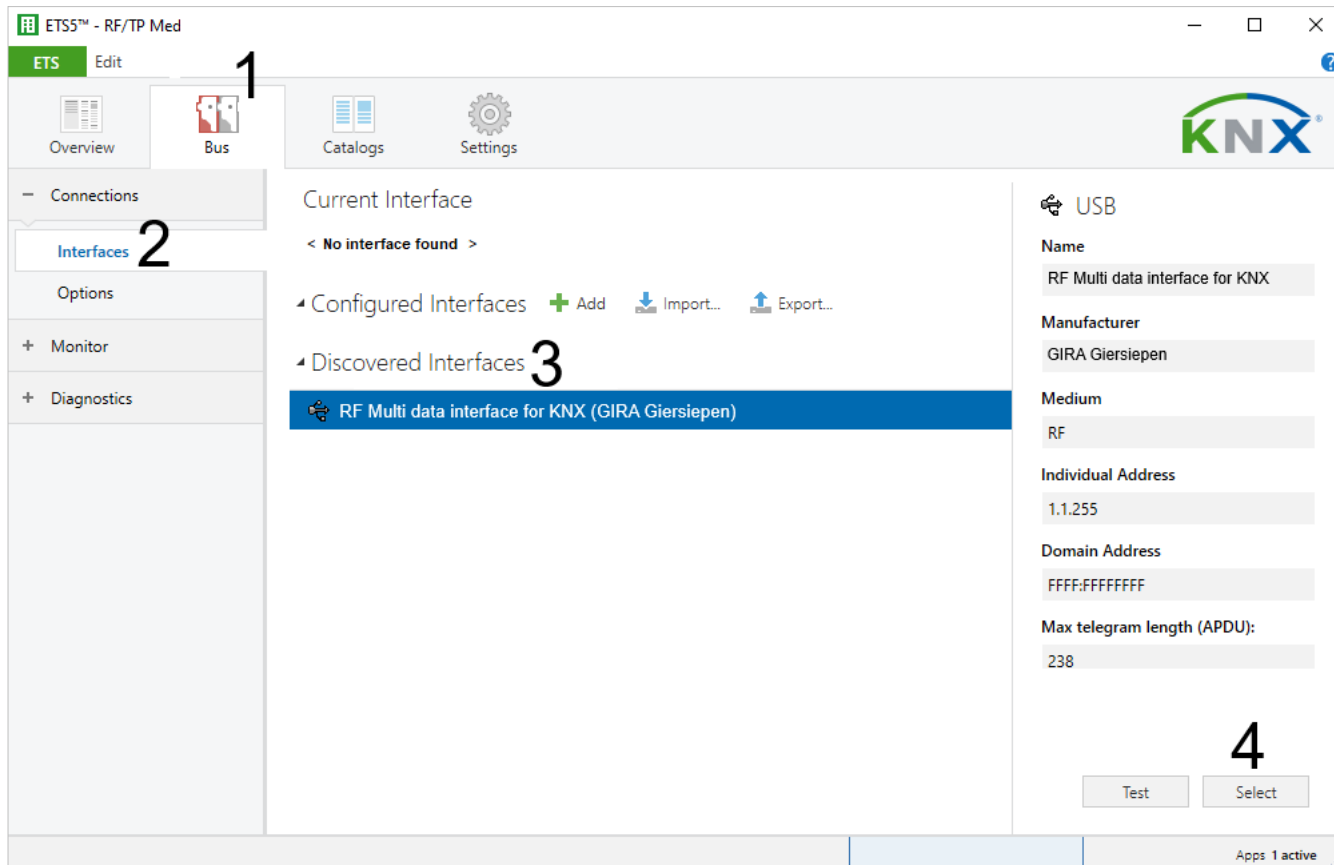
Setting up the device in the ETS5

Setting up the topology



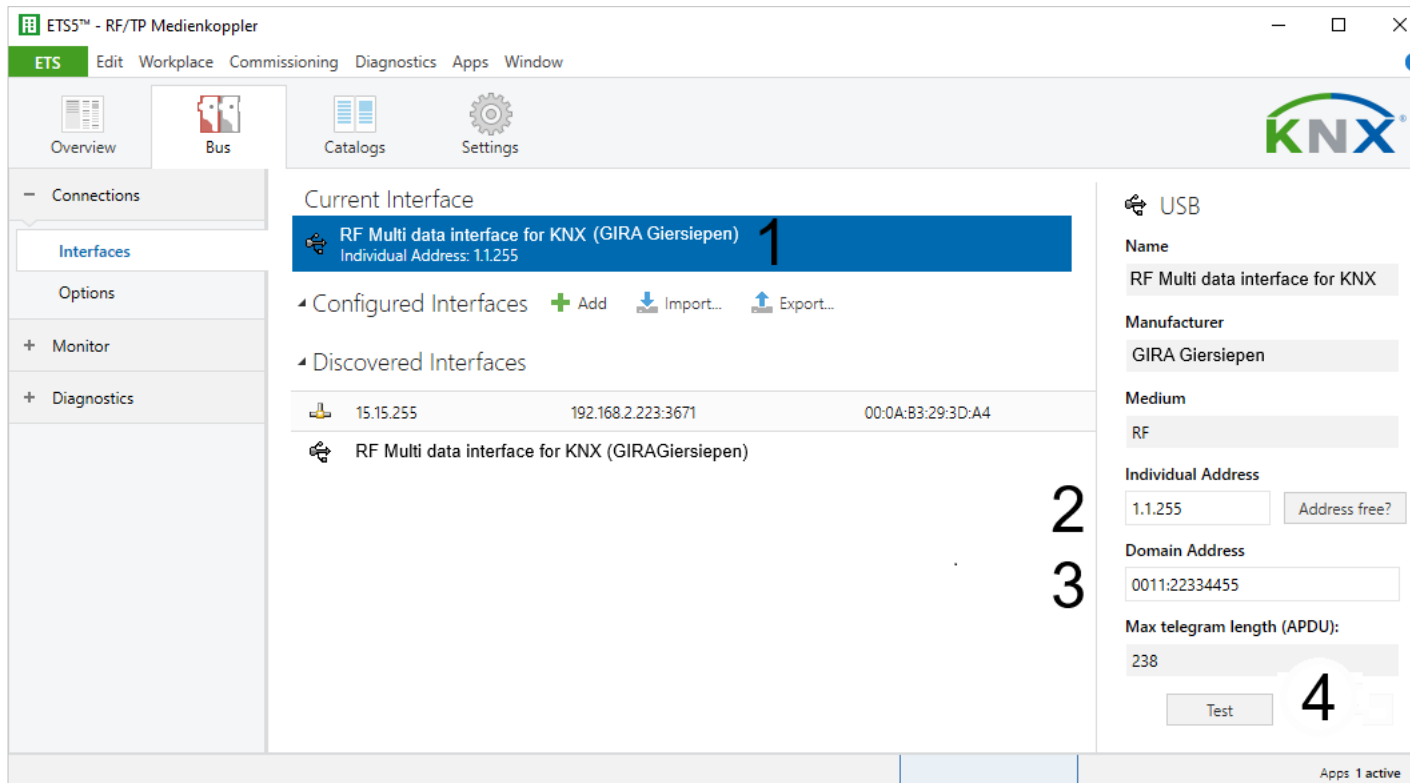
1. Create your RF project in the ETS5 and build the topology for the KNX installation (see screenshot for example).
2. Assign a separate domain address for each RF line.

Select RF Multi data interface for KNX



1. Open the „Bus“ tab in the ETS5.
2. Under „Connections“, open the „Interfaces“ tab.
3. Under „Discovered interfaces“, click on RF Multi data interface for KNX.
4. Click on the „Select“ button.

Assign individual address and domain address

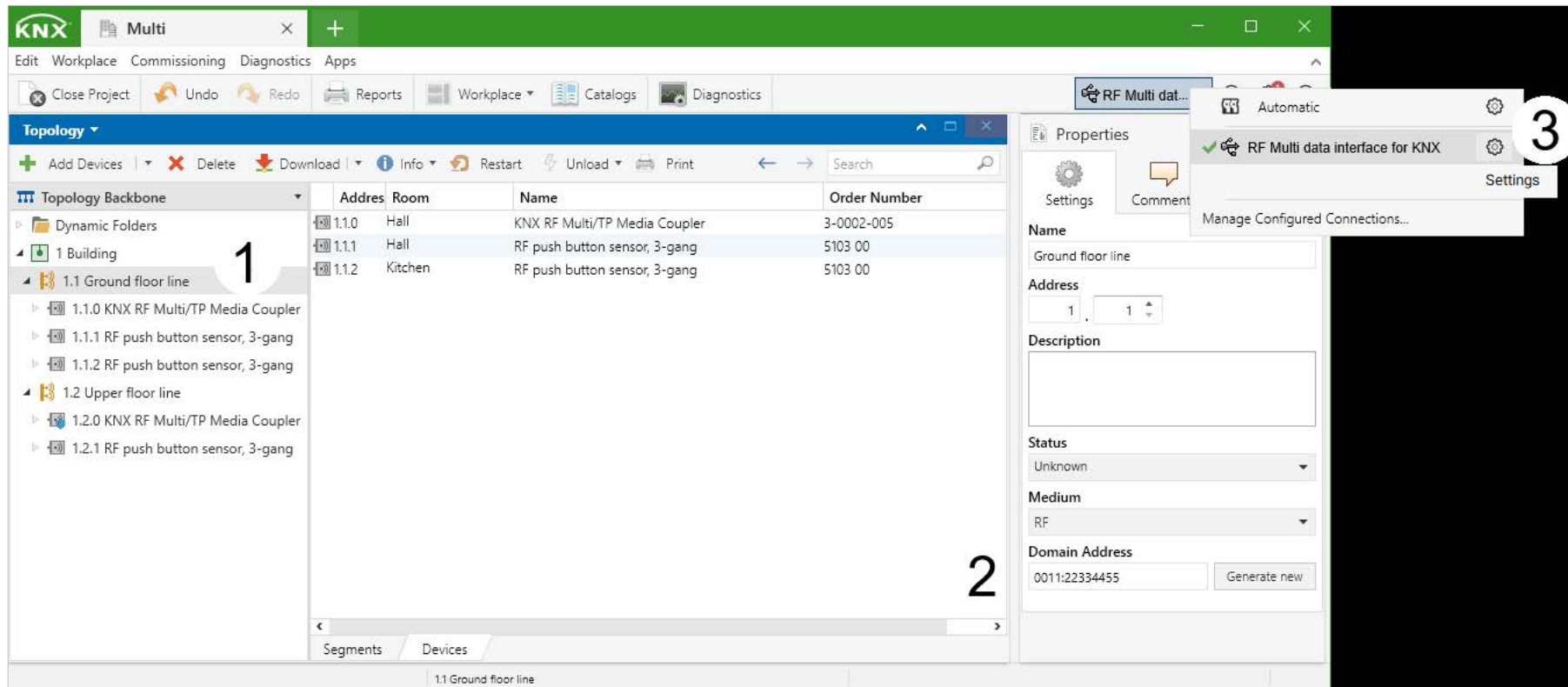


1. Under „Current interface“, click on RF Multi data interface for KNX.
2. Assign a individual address. This must match the RF line address and may not be assigned elsewhere.
3. Enter the domain address of the RF line that you want to program (e.g.: 0011:22334455).
4. Click on „Test“ to check operational readiness.

The RF Multi data interface for KNX is now ready for operation.

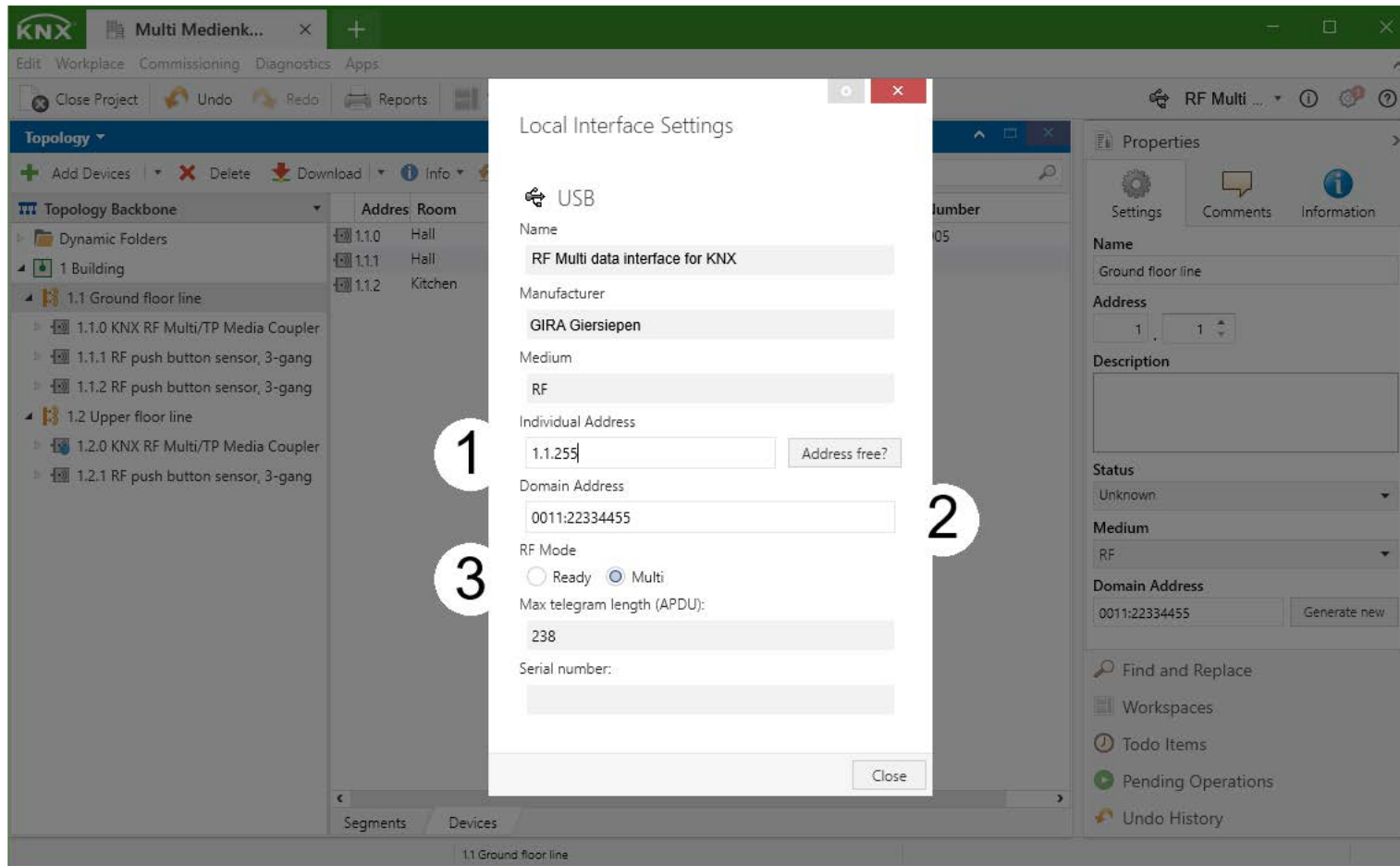
Setting up the device in the ETS6

Setting up the topology



1. Create your RF project in the ETS6 and build the topology for the KNX installation (see screenshot for example).
2. Assign a separate domain address for each RF line.
3. Open the „Bus interface“ tab and click on the cogwheel icon beside the RF Multi data interface for KNX.

Assign individual address and domain address



1. Assign a individual address. This must match the RF line address and may not be assigned elsewhere.
2. Enter the domain address of the RF line that you want to program (e.g.: 0011:22334455).
3. Select the RF mode to match your KNX installation.

The RF Multi data interface for KNX is now ready for operation.