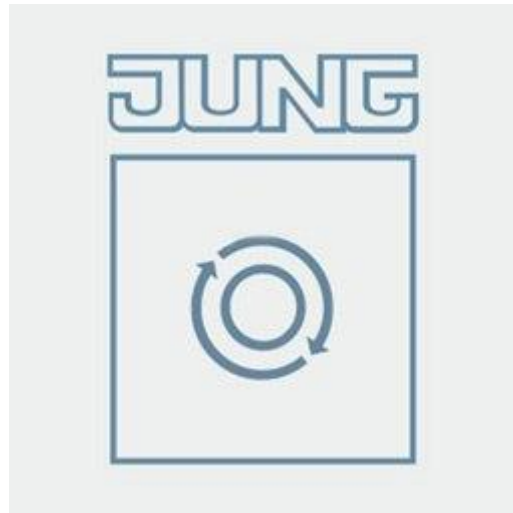


Product Documentation

JUNG KNX Update Tool



ALBRECHT JUNG GMBH & CO. KG

Volmestraße 1
D-58579 Schalksmühle

Tel: +49 (0) 23 55/80 60
Fax: +49 (0) 23 55/80 61 89
kundencenter@jung.de
<https://www.jung.de/en/>

Service Centre

Kupferstr. 17-19
44532 Lünen
Germany

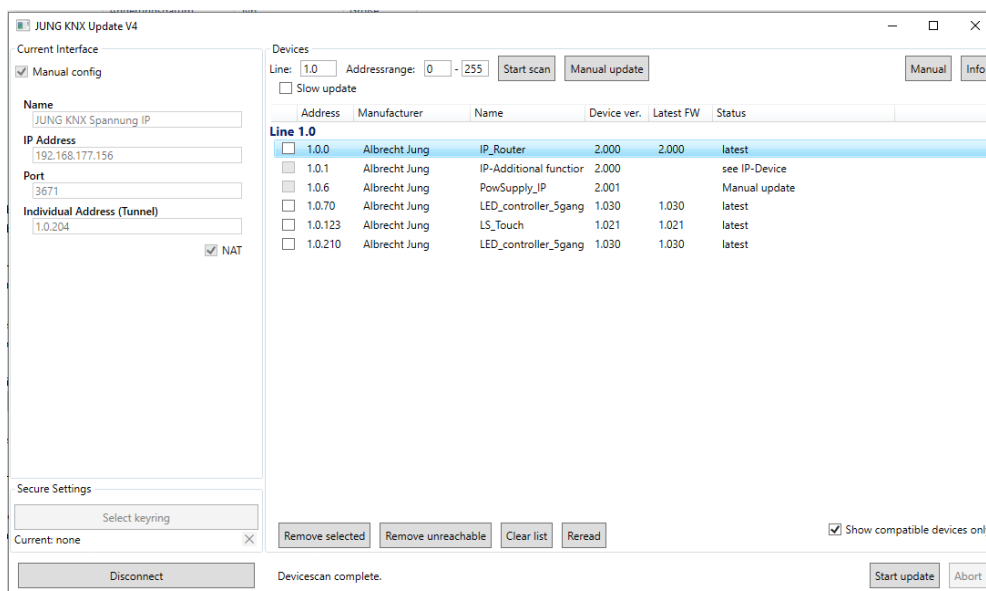
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Update - Manual

1. Brief description

The JUNG KNX update V4 enables transmitting new firmware versions for compatible KNX devices. For non-compatible JUNG devices, use the JUNG ETS service app as a rule. The program displays the available interfaces to the KNX bus or allows manual configuration (e.g. via IPS-Remote). With the help of a line scan, available devices are listed and displayed according to their update possibility. The firmware update for the selected devices can then be carried out.



Can be used in combination with:

- KNXnet/IP router [IPR 300 SREG]
- KNXnet/IP interface [IPS 300 SREG]
- Power supply with KNXnet/IP interface [20320 1S IPS R]
- LED Dimmer REG [3904 REG LED]
- LED Dimmer EB [3904 EB LED]
- LED Controller REG [39005 1S LED R]
- LED Controller EB [39005 1S LED E]
- JUNG LS Touch [LS 459 D1 S ..]

System requirements:

- PC with Windows software
 - The following systems have been tested:
 - Microsoft Windows 10 or 11
 - 32 bit , 64 bit
 - .NET Windows Desktop Runtime – 5.0.17 (x64) (installer included)
- KNX interface (LAN or USB)

No additional drivers are required. All required libraries are located in the downloaded subdirectory.

2. Update information:

Notes:

- The program must not be opened more than once to carry out a parallel update.
- Please note that you may have to transmit your **physical address** and **ETS application** again following the update (or if the update is cancelled while being carried out).
- Do not initiate an update if you do not have the ETS software and the corresponding project!
- If a BAU password is used: Make sure to delete the BAU password before starting the update process – otherwise the update will fail.

3. Establishing a connection

- After starting the software, a **discovery** is automatically executed

- Select one of the interfaces found or establish a connection by **manual configuration** (e.g. IPS-Remote , VPN or administered network)

- If the connection is to be established via **KNX Secure**, the ETS keyring and the corresponding password must be entered

- Then press the "**Connect**" button to access the installation

4. Starting a device search

- Under "**Line**", enter the range and the line that you want to search for devices
- With the "**Addressrange**" you have the possibility to limit the line scan if necessary
- The line scan is started by pressing the "**Start scan**" button
- Devices found are listed immediately in the scanning process

Devices

Line: Addressrange: -

☐ Slow update

JUNG KNX Update V4

Current Interface

☒ Manual config

Name

JUNG KNX Spannung IP

IP Address

Port

Individual Address (Tunnel)

☒ NAT

Secure Settings

Select keyring

Current: none

Devices

Line: Addressrange: -

☐ Slow update

Address	Manufacturer	Name	Device ver.	Latest FW	Status
Line 1.0					
<input type="checkbox"/> 1.0.0	Albrecht Jung	IP_Router	2.000	2.000	latest
<input type="checkbox"/> 1.0.1	Albrecht Jung	IP-Additional function	2.000		see IP-Device
<input type="checkbox"/> 1.0.6	Albrecht Jung	PowSupply_IP	2.001		Manual update
<input type="checkbox"/> 1.0.70	Albrecht Jung	LED_controller_Sgang	1.030	1.030	latest
<input type="checkbox"/> 1.0.123	Albrecht Jung	LS_Touch	1.021	1.021	latest
<input type="checkbox"/> 1.0.210	Albrecht Jung	LED_controller_Sgang	1.030	1.030	latest

☒ Show compatible devices only

Optional functions:

- The "**Manual update**" button gives you the option of transmitting local **update files** and changing the APDU length on a device-specific basis. This also makes it possible to "**downgrade**" the devices.

Manual update

Device address:

☐ Expert settings

APDU length:

Read/Write retries:

- With the "**Slow update**" option, the APDU length for all devices is set to the value of 55.

4.1. Starting an update

- Devices for which a new firmware is available are automatically selected

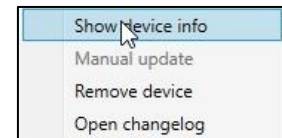
☒ 1.0.123 Albrecht Jung LS_Touch 1.013 1.021 Neue Firmware verfügbar

- The firmware update for the selected devices is started by pressing the "**Start update**" button

Optional functions:

- By **right-clicking** on a device in the list, the following options can be accessed

- | | |
|---------------------|--|
| ○ Show device info: | Listing of various device properties (e.g. SN no.) |
| ○ Manual update: | Offline update/downgrade option |
| ○ Remove device: | Deletes the device from the list |
| ○ Open changelog: | Shows change history information |



5. Additional functions

Manual:

- Opens the manual in German or English depending on the language settings

Info:

- Language change and version information

Remove selected:

- Removes the selected devices from the list

Remove unreachable:

- Deletes devices highlighted in grey from the list (currently not accessible)

Clear list:

- Deletes the entire list

Reread:

- Reads out found/accessible devices again

Show compatible devices only:

- **Selected:** Only shows devices that can be updated via the update tool
- **Not selected:** Shows all devices found and lists available information

The screenshot shows the 'Devices' window of the Jung software. At the top, there are input fields for 'Line: 1.0' and 'Addressrange: 0 - 255', along with 'Start scan' and 'Manual update' buttons. Below these is a 'Slow update' checkbox. The main area is a table with columns: Address, Manufacturer, Name, Device ver., Latest FW, and Status. The table lists several devices, including IP_Router, IP-Additional function, PowSupply_IP, LED_controller_5gang, LS_Touch, and LED_controller_5gang. Some rows are highlighted in grey. At the bottom, there are buttons for 'Remove selected', 'Remove unreachable', 'Clear list', and 'Reread'. A checkbox 'Show compatible devices only' is checked in the bottom right corner.

Address	Manufacturer	Name	Device ver.	Latest FW	Status
1.0.0	Albrecht Jung	IP_Router	2.000	2.000	latest
1.0.1	Albrecht Jung	IP-Additional function	2.000		see IP-Device
1.0.6	Albrecht Jung	PowSupply_IP	2.001		Manual update
1.0.70	Albrecht Jung	LED_controller_5gang	1.030	1.030	latest
1.0.123	Albrecht Jung	LS_Touch	1.021	1.021	latest
1.0.210	Albrecht Jung	LED_controller_5gang	1.030	1.030	latest

This screenshot shows the same software interface as the previous one, but with a different set of devices listed. The 'Line' is still 1.0 and the address range is 0 - 255. The table lists devices with addresses 1.0.0 through 1.0.53. Some rows are highlighted in grey, indicating they are not accessible. The 'Status' column shows 'latest', 'see IP-Device', and 'Manual update'.

Address	Manufacturer	Name	Device ver.	Latest FW	Status
1.0.0	Albrecht Jung	IP_Router	2.000	2.000	latest
1.0.1	Albrecht Jung	IP-Additional function	2.000		see IP-Device
1.0.6	Albrecht Jung	PowSupply_IP	2.001		Manual update
1.0.16	unbekannt				
1.0.25	unbekannt				
1.0.50	Albrecht Jung		3.063		
1.0.51	Albrecht Jung		3.063		
1.0.53	Theben AG				