

JA-KNX

KNX interface for Jablotron 100

Connect your Jablotron alarm system and check the first live zone status in ETS.



01 Connect the gateway

With power off, mount inside the alarm panel or in the optional DIN housing. Connect KNX, respecting polarity. Supply 12 VDC to the JA-KNX 12VDC / GND terminals and the JA-121T output side, as shown in the manual. Link RS485 D+(A) and D-(B) to the matching JA-121T A and B terminals. The RS485 termination resistor is built into the JA-KNX.

02 Prepare the Jablotron interface

Install and enroll the required JA-121T RS485 module in the alarm system. The JA-121T uses 9600 baud by default. Power on the gateway. Exit alarm service mode before testing: it disables the RS485 / KNX link.

03 Configure the application in ETS

Add the Elausys Alarm System Gateway application for JA-KNX. Select the required PGs, zones, zone offset and number of areas. Check Area mapping. For area control, enter a valid alarm user code and set its length. Keep Virtual inputs and Power supply status at Not used.

04 Assign addresses and download

Assign a free physical address. Link the required objects to group addresses, including Zone 1 Status, Module status and Firmware for the first test. Press the programming button, then perform a full ETS download.

05 Check the first live status

The RX/TX LED flashes when the gateway sends or receives a telegram. With the alarm disarmed and out of service mode, activate the detector for the mapped zone. Check Zone 1 Status changes in ETS Group Monitor. Read Module status: 0 means normal operation. If area control is enabled, test arm/disarm in a controlled setting and confirm the actual panel state.

No connection or no updates?

No RS485 activity: check 12 VDC, A/B wiring, 9600 baud and exit service mode.
No KNX updates: check bus power, ETS download, group addresses and zone offset.
Read Firmware to confirm the gateway responds. Area control: check the user code, code length and area mapping.