

Jablotron 100

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Supported device types and versions

The Jablotron 100 protocol enables communication with the RS-485 - JA-121T bus interface of the [JABLOTRON 100](#) Alarm system.

The Jablotron 100 protocol is implemented as an ESL script using the [Generic User Protocol](#).

Serial interface parameters:

- RS485 (two-wire connection)
- 9600 baud
- 8 data bits
- no parity
- 1 stop bit

The protocol supports:

- determining the state of the section/sections 1-15: the **STATE** command
- checking the status of PG outputs 1-128: the **PGSTATE** command
- determining the status of peripherals 0-229 (really only 0-30 were present): the **PRFSTATE** command
- enabling/disabling protection in sections: **SET, SETP, UNSET** commands
- switching on/off PG outputs: **PGON/PGOFF** commands

Both the active mode of communication (interface spontaneously sends changes) and passive mode (periodic polling is required) are supported.

The received values are stored in D2000 in structured variables (sections/peripherals/PG outputs).

Literature

- [JA-121T RS-485 bus interface](#)

Document revisions

- Ver. 1.0 - March 21st, 2024 - Document creation.



Related pages:

[Communication protocols](#)