

Operational description

The RC-80 is a component of Jablotron's Oasis 80 alarm system. It is designed to remotely control setting/unsetting, trigger panic alarms, and control other appliances. The battery-powered keyfob communicates via OASIS radio protocol.

It is activated to alarm state by pressing the button on front side of the device. The wireless transmitter (connection to control unit) has operating frequency $f = 868.5$ MHz.

The device is battery operated. The power source delivered by producer and used for testing was a new alkaline battery type L1016, $U = 6V$.

Antenna type : Internal, Integral

Duty cycle: When activated the device transmits 3 data pulses of width 65 ms in approximately 200 ms interval.

The device does not operate periodically.