Operational description

The WJ-80 is a component of Jablotron's JA-80 Oasis 80 system. It is designed to connect JA-80H outdoor keypads or JA-80N RFID readers to a control panel. It provides an output to operate the electric strike of a door lock and is equipped with a wireless door bell transmitter.
The WJ-80 can also be used to interface to a third party keypad (reader) which uses Wiegand 26b protocol (e.g. HID RK-40 a RK-10).

The wireless door bell transmitter has operating frequency $f = 868.5$ MHz. It is activated by pressing the F1 key on the JA-80H outdoor keypad. It transmits 3 data pulses (to other components of the system (e.g. UC-82).

The device is connected by means of OASIS bus to the control unit. The device is powered from the control unit by means of OASIS bus.

Antenna type : Internal, Integral
Duty cycle : 3 data pulses (30 ms TX / 80 ms pause), no periodic transmission.