

The JA-80PB is a component of Jablotron's Oasis 80 alarm system. It consists of two independent detectors which occupy two separate enrollment addresses in the control panel. The motion detector uses a PIR sensor. The glass-break detector uses the analysis of air pressure variations combined with the characteristic sound of glass breaking. The product is designed for internal use in buildings. The battery-powered detector communicates via OASIS radio protocol.

The device is battery powered with following battery types:

PIR sensor and transmitter	Lithium battery type CR14505 (AA 3.0V)
GBS sensor	Lithium battery type CR14250SL (1/2AA 3.0V)

Antenna of the device is internal, monopole type, soldered to the PCB.

The operational frequency of the transmitter is 868.5 MHz.

Under normal operation the device transmits 1 data pulse (30 ms) in 9 minutes (system integrity check).

In alarm state the device will transmit 3 data pulses within approximately 1 second.