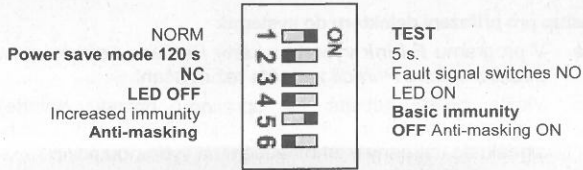


The JA-157P dual zone outdoor wireless motion detector - curtain

calibration. No movement should be detected at this moment for less than a 1 m distance. Then a 10 minute test mode runs. In the test mode pulses are sent every 20 s, so covering is indicated at least 20 s after covering starts. When test mode expires the detector goes to the normal mode. Then the pulses are sent every 3 minutes so covering is indicated at least 3 minutes after covering starts. Covering is indicated as detector tampering. Detection is restored at least 20 s after the obstacle disappears. The function is disabled as default.

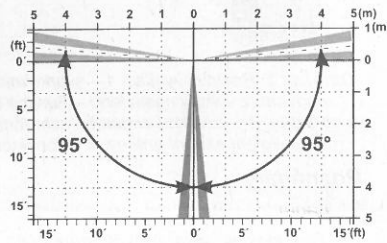
Other options are adjustable by DIP switches inside the detector



Factory settings highlighted by bold letters.

- TEST mode:** LED indication ON; Power save mode OFF completely (DIP switches 2 and 4 are not respected);
- Normal mode:** DIP switches 2 and 4 are respected
- Power save mode:** After movement detection detector goes to sleep mode for 5 or **120 s**
- Output relay logic selection in standby mode (NC/NO, for all Jablotron systems use always option OFF)**
- Enables / Disables LED** indicates movement detected by the detector
- False alarm immunity level**
- ANTI-MASKING** – see paragraph Protection against masking

The detection part can be turned by 190° with locking by every 5°. When the required angle has been set, use the plastic lug to prevent further movement. The angle is fixed completely when the cover with the lenses is put back and the screw is tightened.



Battery check and its replacement

The detector checks the battery status automatically. Nearly drained battery is reported by continuous flashing of yellow signalling LED on the detector (1 flash per sec) and at the same time low battery status is reported to the control panel. The detector remains fully functional. The battery should be changed as soon as possible.

The control panel must be in service mode **before battery changing** (see the control panel installation manual). Tamper contact must be pressed several times after opening the cover and removing the battery to discharge capacitors.

Use only lithium batteries CR123A (3 V, 1.4 Ah).

Note: If you insert a nearly drained battery into the detector by mistake, the sensor does not start working and this status is indicated with the transmitter LED flashing. If the battery is completely drained, the detector does not react at all.

Technical specifications

Power	1x Lithium battery type CR123A (3.0 V/1.4 Ah)
	Please note: Battery is not included
Current consumption (nominal/maximal)	30 µA/53 mA
Typical average battery lifetime	approx. 3 years (120 s saving mode)
Communication band	868.1 MHz, Jablotron protocol
RF range – distance from the CP	up to 300 m (open area)

Optex detector parameters

Detection characteristics	2 or 5 m/5°
Installation height	0,8 – 1,2 m
Object motion speed	0,3 – 1,5 m/s
Detector cover conformance	IP55
Operational environment	IV according to EN 50131-1
Operational temperature range	-20 °C to +60 °C
Max. relative humidity	95 %
Security grade	according to OPTX
Complies with	ETSI EN 300 220, EN 50130-4, EN 55022, EN 60950-1

Dimensions	52 x 176 x 66 mm
Weight	180 g
Can be operated according to	ERC REC 70-03

JABLOTRON ALARMS a.s. hereby declares that the JA-157P is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. The original of the conformity assessment can be found at www.jablotron.com - Section Downloads.



Note: Although this product does not contain any harmful materials we suggest you return the product to the dealer or directly to the producer after use.