



User Manual

Code: JA-188P
WIRELESS PIR DETECTOR **JA-188P** JABLOTRON

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The JA-188P is outdoor, wireless, dual zone PIR detector based on an outdoor detector by OPTEX supplemented with a transmitter compatible with JABLOTRON systems. In order to obtain reliable detection, JABLOTRON company developed a high precision optical system and a quite new pyro-element, which together create configuration area with 94 detection zones with the same density, both near the detector and at the end of its nominal range. The use of the newest technologies, which are a breakthrough in the field of PIR detectors, the JA-188P device is one of the best among detection systems. Offered solutions meet the customers and installers needs.

The JA-188P detector utilizing the AND detection pattern technology - upper and lower detection areas have to be activated in order to generate an alarm condition. The primary detection zone configuration prevents false alarms caused by pets or small animals. Modular unit makes the device easy to install, and the terminals and configuration switches arrangement is very useful for installers, which ensures quick cables installation and easy access to all switches.



Support:	JABLOTRON 100
Power supply:	3 Lithium batteries LS(T)14500 (AA 3.6 V 2000 mAh) - included
Battery lifetime:	about 3 years (at 120 s sleep time)
Frequency range:	868 MHz OASiS protocol
Range:	about 300 m (open area)
Detection angle / Detection range:	85 ° / 12 m
Recommended installation height:	2.5 ... 3 m
Environment class:	IV according to EN 50131-1
"Index of Protection":	IP55
Operation temp:	-20 °C ... 60 °C
Compliance with standards:	ETSI EN 300220, EN50130-4, EN55022, It can be used according to CTU VO-R/10/06.2009-9
Main features:	<ul style="list-style-type: none"> • Wide-angle detection characteristics • Patented active "Anti-Masking" technology • Range 12 x 12 m • 2 PIR detectors • Intelligent AND logic • Advanced temperature compensation • Summer Night Compensation Logic algorithm • Vegetation sway analysis logic
Weight:	0.620 kg

Dimensions:	266 x 99 x 205 mm (with bracket)
Manufacturer / Brand:	JABLOTRON
Guarantee:	2 years

Detector without assembled bracket and protection hood:



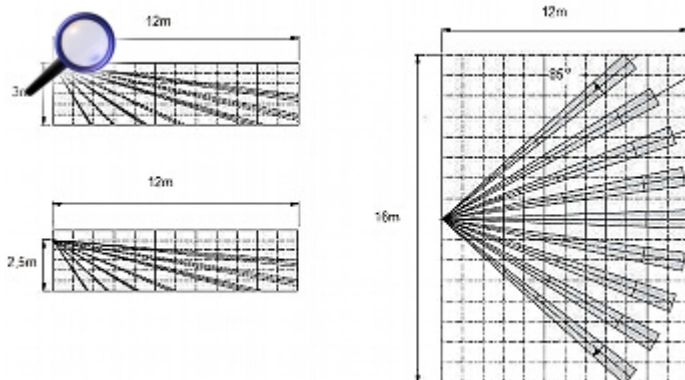
View after remove the lens (both detectors are visible):



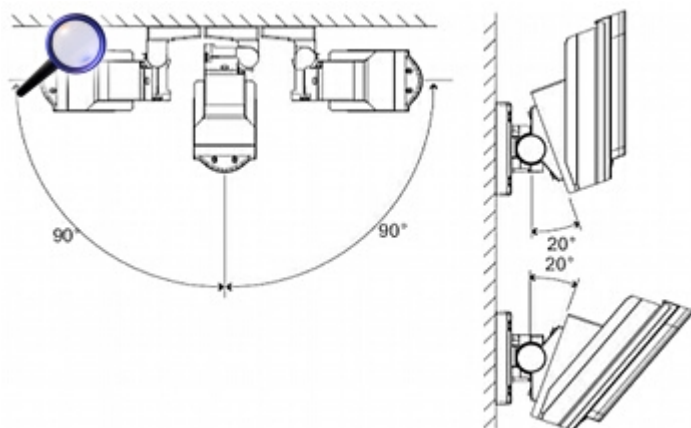
Detector removed from the housing (terminals and place for batteries visible):



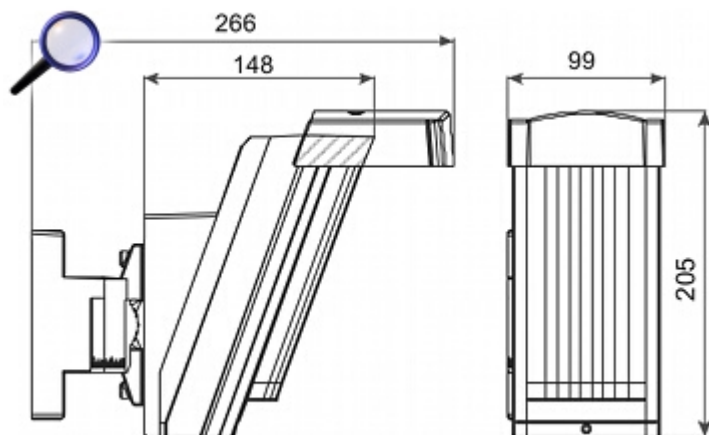
Detection range depending on various installation heights (2.5 and 3 m):



The detector with bracket can be adjusted in following ranges:



Dimensions with bracket:



In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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