

# Wireless Motion Detector for Fishermen

## FISHTRON ALF3

Thank you for purchasing our FISHTRON ALF3 wireless motion detector for fishermen.  
We hope you'll be satisfied.



The portable FISHTRON ALF3 detector is designed for fishermen to detect the movement of people in a fishing area, equipment, parked car or other property of a fisherman. Integrated sensors respond to motion and wirelessly transmit information to the receiver that the fisherman has with him.

The detector contains a shock sensor and two PIR detectors that detect human movement.

Operation is very simple: one switch at the bottom of the device to turn it on and off. The device status is indicated by a two-colour LED. Power is provided by two LR1 batteries.

Although the detector doesn't have the nature of security equipment for protecting property and people in terms of European standards, its aim is to help to reduce crime and the number of thefts that occur not only in our waters, contributing to greater peace and a feeling of security for our fishermen.

The detector was developed and manufactured by the Czech company FLAJZAR.

## Detailed Description and Technical Specification:

### Sensors

- Two optical PIR sensors, angle of 110° from each side and range of up to 6 m from each side.

The version contains a shock sensor with digital analysis (protection against false alarms).



### Operation

The switch is located at the bottom of the device and has two positions:

- Position towards the screw = **off**.
- Position 'outwards' = **on**.



### LED Signalling

- Green LED** = Battery is OK
- Red LED** = Battery no longer has the required capacity and needs replacing (there is a several-hour reserve,

but the operation of the device may no longer be reliable)

## Attachment of the Detector

At the bottom there is a screw that can be used to attach the alarm either directly to a stand (tripod), to a suitable thread (mostly midway between fishing rods). Or the alarm can be used screwed in a classic, separate fishing fork and fastened to the ground where it's supposed to monitor the place. It should be placed at least 70 cm above-ground.



## Pairing with the Receiver

1. Switch the receiver to learning mode (see the instructions of your receiver type)
2. Turn on the alarm (a signal is sent when turned on that the receiver stores in its memory)
3. From now on, the set is paired and you can evaluate the signal from your wireless motion detector on your receiver.

The motion detector can be paired with the FISHTRON RX MULTI, FISHTRON RX MINI and FISHTRON RX SIX receivers. Also with the FISHTRON WRL1 and FISHTRON WRL2 wireless LED lamps.

## Stabilization Time

The PIR motion sensors are very sensitive to temperature changes. The detector should be placed somewhere where it will perform its function, preferably 30 minutes before switching on so that the sensor's temperature can be adjusted to the ambient temperature. Otherwise, false alarms will be transmitted after turning it on until the temperature stabilises if the sensor isn't thermally stabilised. An interval of approximately 20 seconds is set between the alarms.

## Time to Leave the Area

After turning on, the detector is blocked for one minute to allow time to leave the area. During this time the LED on the device flashes green (if the battery is OK) or flashes red (if the battery needs replacing).

## Rain Protection

The detector's design protects it against normal weather conditions. It is therefore unnecessary to cover it and protect it against rain under normal conditions.

## Power Supply

2 LR1 batteries (commonly used in FLAJZAR bite alarms, available at [www.flajzar.com](http://www.flajzar.com)). The battery is replaced by pushing and ejecting the cover at the back of the detector where the battery holder is located.



## Energy Saving - Maximising Battery Life

The batteries usually last throughout the fishing season with normal use. However, in order to achieve the longest battery life possible, the detector should be turned off when it isn't monitoring. When the fisherman normally moves in space, it isn't enough just to turn the receiver off, it's also needed to turn the detector off as it reacts to every motion

in the area and sends information regarding the disturbance. And the unnecessarily frequent, repeating transmitting discharges the battery.

## Transmitting

The detector includes a digital transmitter at 868.35 MHz. The range of the transmitter depends on the conditions in where the detector is being used. It can be up to several hundred metres in open space, but the range decreases with every obstacle and terrain inequality. Although it's a device with very good transmitting parameters and reach, we recommend verifying the range before using it in a given location.

## Declaration of Conformity

The device complies with EU directives and has a Declaration of Conformity.

## Service

The service is performed exclusively by the Czech manufacturer – FLAJZAR, s.r.o. We will apply our maximum effort to help you solve every problem in the shortest possible time.

**Quick email contact in case of problems: [obchod@flajzar.cz](mailto:obchod@flajzar.cz).**

## Recycling

Information for users for the disposal of electrical and electronic equipment. The symbol on the product, its packaging or in the accompanying documentation means that the used electrical or electronic products must not be disposed of together with municipal waste. In order to properly dispose of the product, take it to designated collection points where it will be accepted free of charge.



## Batteries

Don't disassemble, short-circuit or throw the batteries into a fire. Don't recharge the batteries.

## Manufacturer/Service/Technical Support

FLAJZAR, s.r.o.  
Svatoplukova 1199  
698 01 Veselí nad Moravou  
phone: + 420 776 586 866  
email: [obchod@flajzar.cz](mailto:obchod@flajzar.cz)  
[www.flajzar.cz](http://www.flajzar.cz)

# ES PROHLÁŠENÍ O SHODĚ

Výrobce : FLAJZAR, s.r.o., se sídlem Kasárna 500, Bzenec, PSČ: 696 81, IČO: 01616161,

prohlašuje

**Zařízení: FISHTRON ALF3**  
**Typ/model: FISHTRON ALF3**

**Je ve shodě s ustanoveními vlády č. 426/2016Sb. Ve znění pozdějších předpisů, kterými se stanoví technické požadavky na rádiová a na telekomunikační koncová zařízení, uvedené ve směrnici 2014/53/EU.**

- 1) Počet kanálů: 1
- 2) Kmitočtové pásmo: 868,000 až 868,600 MHz
- 3) Vf výkon: 13dBm

**Zařízení splňuje požadavky následujících předpisů a norem :**

**ČSN ETSI EN 300 220-2 V 2.1.2:2008-01; ČSN ETSI EN 300 220-1 V 2.1.1:2007-06;  
ČSN EN 60950-1 ed.2**

**Výrobek je bezpečný za podmínek obvyklého použití a v souladu s návodem k výrobku.**

**Prohlášení o shodě je vydáváno na základě těchto podkladů:**

- 1) Zkušební protokol č. 194300-245/2017, vydaný Institutem pro testování a certifikaci, a.s., akreditovaná zkušební laboratoř č. 1103, Víta Nejedlého 691, Vyškov 68201
- 2) Protokol elektrické bezpečnosti vydaný dne 25.5.2017

Na tento výrobek, byla umístěna značka CE.

Toto prohlášení je vydáno na výhradní odpovědnost výrobce.

Ve Bzenci dne 29.5.2017



Vojtech Pánik – Jednatel : .....