

## **Alarm for fishermen FLACARP AL1 (AL2)**

*manual ver. 8.6.2021*

The alarm was developed especially for the needs of the modern fisherman, to guard the fishing spot. Because fishing rods are most often stolen at night, the thermal principle of motion detection is used, which monitors temperature changes in the background (movement of the object in the environment). This principle works very well even at night. The device has an integrated position LED, which can be used for short-term lighting of the place (eg. as a position light when feeding from boat) or as an alarm signal.

AL1 - one-sided version of the alarm, range up to 6 meters and angle of view up to 140 degrees.

AL2 - double-sided version of the alarm, range up to 6 meters and angle of view up to 140 degrees from the front and back

The device is controlled by two switches located on the bottom:

The right switch controls the alarm (3m - OFF - 6m):

OFF position - alarm off

Position 3m - alarm ON, range approx. 3 meters + good resistance to false alarms

Position 6m - alarm ON, range approx. 6 meters, high sensor sensitivity, designed for short-term guarding of a wider range

After switching ON the device, the LED flashes and gives a time of approx. 12 seconds to leave area. After the time has elapsed, the alarm starts detecting any movement.

After switching ON, the color of the LED indicates the battery status: Green LED = battery OK, red LED = low battery.

When motion is detected, the green and red LEDs flash alternately (alarm). After alarm is the sensor blocked for about 5 seconds.

The left switch controls the LED light and the remote control of the LED light (LED - OFF - RFX):

OFF position – remote control of the LED light is off

RFX position – remote control ON (LED light can be remotely controlled, eg by receiver or bite alarm)

LED position - button used for manual switching on / off of the LED light and function button (description below).

Description of the "LED" function key:

In addition to the manual control of the LED, the "LED" button is used to control the following functions:

a) by holding the button for about 3 seconds you will get to the learning mode. The blue LED flashes and now it is possible to save up to 10 devices in the memory: remote receivers, bite alarms (LED light will turn ON for approx. 1 minute after the bite),...

b) another function of the button is the possibility of connecting the LED with the alarm. After motion detection (alarm), the LED light also lights up automatically for approx. 1 minute. This function can be switched ON and OFF by 5 times pressing the button quickly (indicated by a flashing green LED = function ON. Flashing red LED, the function switches OFF).

c) hold down the "LED" function key (approx. 6 sec) to clear the memory (saved devices).

Low battery indication:

Everytime the alarm or remote receiver is switched ON or OFF, the top LED lights up. A green LED indicates the battery is OK, a red LED indicates a low battery - it will need to be replaced soon. The consumption of the alarm itself is very low, so the battery life when using the alarm is up to several months. LED light, has a higher consumption (approx. 12mA), in the case of frequent use of LED light, the battery life will decrease to several weeks or days, depending on the frequency of light use. Suitable batteries: alkaline or lithium cells size AAA, two pieces (2x1.5V).

When you are not using the device, turn both switches to the OFF position.

Notice:

The sensors themselves are very sensitive, because, as written in the introduction, we focused on good detection of unwanted persons, especially at night, when the most common cases of theft of fishing gear occur. The sensor is not intended for use in strong winds, bad weather conditions, too bright sunlight, which could cause false alarms. There should be no tall grass or moving branches within two meters of the sensor, which could lead to reduced detection and false alarms. In the switch position "3m" the resistance to false alarms is increased. The warranty on the device is 24 months. An EU declaration of conformity has been issued for the device.

Producer:

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