

## **Bivouac LED light FLACARP FL5 with listening receiver**

A LED light with integrated wireless listening-in device and with an option of wireless activation upon fish bite, fisher's command, or alarm. Up to ten FLACARP devices can be stored in the LED memory. The listening device's range is up to several hundred metres. The device is supplied by common AAA batteries (micro-pens), i. e. batteries that are identical with those used in other FLACARP products.

### Manual control of the lamp:

The LED lamp is equipped with a pushbutton for manual control and learning. With pressing the button very briefly, the lamp can be switched on manually in two degrees of brightness, and switched off.

### How to switch-on the listening-in device:

Hold the pushbutton for 2 sec. - the light flashes weakly three times - the listening-in device is on.

### How to switch-off the listening-in device:

Hold the pushbutton for 2 sec. - the light flashes weakly once - the listening-in device is off.

The lamp is equipped with automatic disconnection of the listening-in device 24 hours after the last action (fish bite, command from the transmitter, pushbutton pressing). This automatic function minimalizes the risk of unwished discharging of battery, when the angler forgets to switch-off the listening-in device.

### How to store the transmitters (indicators, alarms, and controllers) to the memory:

1) Prepare the products that are supposed to control the LED light. Switch them on.

2) Press and hold the pushbutton, placed on the lamp, for 5 seconds.

3) After this time, the LED begins to flash slowly and regularly, emitting faint light. Release the pushbutton.

The LED continues flashing weakly, you are in the learning mode.

4) Match your products now: activate the indicator, which is required to be stored, in the same way as in the case of a bite (turn the pulley) - the indicator will transmit a signal that the lamp will catch and store. When the light comes on, the storing is confirmed. Repeat the procedure beginning with point 1) also for other products.

TIP: The RFX listening receiver also includes a transmitting function, so you can control the light with it. You can store it to the LED light's memory by short pressing the main pushbutton on the RFX listening-in device - the listening-in device will transmit a signal, the lamp will store this to its memory and confirm the action by coming-on.

### Memory data erasure:

If you want to clear the LED light memory, press and hold the pushbutton on the lamp for 15 seconds until the LED light begins to flash quickly - the memory data are being erased.

In the case of a bite (activation from FLACARP bite indicator) or an alarm, the light goes on for approx. 60 seconds, i. e. for the time within which you can leave your bivouac comfortably. In the case of a bite, the light brightness is lower in order not to dazzle the angler too much at night. The light can be turned-on permanently (without time limitation to 60 seconds) or with higher brightness either using the RFX listening-in device, or by pressing the pushbutton directly on the lamp.

The lamp also averts false alarms: the light is activated only at the moment, when at least 2 impulses from the indicator follow each other within a short interval. That means that the lamp does not respond to a short "knock", which mostly means a false alarm. In the case of an alarm from moon detectors, the lamp responds immediately.

If the angler controls the light manually, or through a remote RFX listening-in device (by short pressing the main pushbutton), the lamp is activated immediately to full brightness, with subsequent pressings the lower brightness is set up, and then switched-off. When this type of control is applied, the device remains continuously on until the angler does not switch it off again.

The lamp intentionally does not have any indicating LED. This could be disturbing at night, and it would affect the battery lifetime significantly. The listening-in device, integrated in the lamp, has unbeatable energy consumption, and the possible signalling LED could shorten the battery lifetime considerably.

The light brightness adapts itself to the battery condition to guarantee the longest possible lifetime, i.e. lamp serviceability. Replace the batteries, if the lamp does not switch-off by itself, or if the brightness is low. The lamp reaches the longest lifetime with low level of brightness.

If you have any remarks concerning the function of the lamp, or if you want to add or change any function or property, please contact us on the below mentioned email address:

### EU Declaration of Conformity

of a radio device with the European Directive RED 2014/53/EU, establishing technical requirements for radio equipment, and the Governmental Decree No. 481/2012 Col., which is harmonized with Directive 2011/65/EU, about the use of some dangerous substances in electrical and electronic devices.

Manufacturer: TFE elektronika s.r.o., namesti Svobody 1509, 696 81 Bzenec, Czech Republic

#### declares that the product

Sort of equipment:	Bivouac LED light with listening receiver
Type:	FLACARP FLS
Frequency:	868,32 MHz
Transmitting power:	---
Modulation:	GFSK
Purpose of use:	Bivouac LED light

It complies with the requirements of following standards and regulations, relevant for the specified sort of equipment:

Radio parameters:	ETSI 300-220-1 v.3.1.1 ETSI 300-220-2 v.3.1.1
EMC:	ČSN ETSI EN 301 489-1 v.1.9.2 ČSN EN 55032 ČSN EN 55024
Safety:	ČSN EN 62368-1
RoHS:	ČSN EN 50581

and it is safe, if used under conditions of common application and in accordance with operating instructions.

The Declaration has been issued under the sole responsibility of the producer.

Bzenec,  
30.9.2020



  
Tomas Flajzar, company director

The lamp is intended to be used in a bivouac, meaning under shelter. It is not water-tight.

Guarantee for 24 months. The guarantee does not relate to mechanical damage, and damage caused by use that is contrary to this instructions and to the purpose of use.

#### Producer:

TFE elektronika s.r.o.  
namesti Svobody  
1509 696 81 Bzenec  
Czech Republic  
[www.flacarp.com](http://www.flacarp.com)