FLAJZAR
FISHTRON

RGB LAMP
WRL4
MANUAL

(last update 09/01/2024)

Thank you for purchasing the WRL4 RGB lamp.

We are very pleased that you have chosen our product and we believe that you will be satisfied with it.

Basic functions

Two buttons on the sides of the lamp are used for control. BLUE to turn the lamp on/off and to change the color of the lamp. ORANGE to adjust brightness and enter pairing mode.

Turning on the lamp - the lamp can be used in two lighting modes after a shot, the mode selection is made when turning on the lamp with the BLUE button

Long press (3s) of the BLUE button
* The lamp lights up from the center to the sides with green LEDs
* After the shot, the lamp lights up with the color set on the indicator and lights up for 30s, then the lamp returns to the last light mode before the shot
* If the lamp is controlled by the button from the receiver or the WRL-KEY, the lamp will turn off or turn on with the last set light mode
* After the alarm from the ALF alarm, the lamp signals the alarm by rapidly flashing blue, red and green colors for 30s

Long press (6s) of the BLUE button
* The lamp lights up from the center to the sides with blue LEDs
* After the shot, the lamp lights up with white LEDs and shines for 30 minutes, after which the lamp returns to the last light mode before the shot
* If the lamp is controlled by the button from the receiver or the WRL-KEY, the lamp will turn off or the white LED will light up
* After an alarm from the ALF alarm, the lamp signals the alarm by flashing the white LED color for 30 seconds

Color change
The lamp includes a memory function of the last light mode. If we change the lighting mode by pressing the BLUE button, the lamp remembers the selected mode after 3 seconds of light, and by pressing the BLUE button again, we turn off the lamp (we do not need to switch the other light modes).
However, if we want to switch modes, we repeatedly press the BLUE button within 3 seconds.

Brightness change

By shortly pressing the ORANGE button. Brightness can be set in four steps to 25%, 50%, 75%, and 100%.

The lamp is equipped with a timer, which turns off the lamp after about 30 seconds or 30 minutes after the lamp is switched on wirelessly, i.e. after a shot or an alarm (depending on the mode set when the lamp is turned on). If the lamp is turned on manually, it remains lit until it is turned off manually.

Pairing (save the code in the lamp memory)

Press the ORANGE button for a long time (5s) to enter learning mode.

- The 1st LED lights up on the lamp (1st position in memory) - if the LED is red, the position is empty and a new device can be stored there. If the LED is green, the slot is occupied and no new device can be stored there
- You can step between individual positions by briefly pressing the ORANGE button, the lamp contains the 10th position.

To save, transmit with the device you want to pair with the lamp - press the button on the shot indicator or on the alarm or key fob.

- The lamp receiver captures the signal and stores its code in memory. After successful pairing, learning mode will automatically exit.
- If the device code is already stored in memory, no action will be taken.
- A new device will not be saved if the memory is full (all slots are green) or a device with this code is already saved.
- The learning mode will automatically end after successful pairing after 1 min, if no new device transmits or by short pressing the BLUE button.

Erasing the memory

You can delete devices whose codes are stored in the lamp memory as follows:

- Enter learning mode, long press the ORANGE button
- Press the ORANGE button briefly to select the green position you want to delete
- Long press the ORANGE button on the green position to delete this position, the position will change color to red
- Now you can teach a new device to a free position or turn off the learning mode by pressing the BLUE button.

Charging

The lamp is functional even when charging.
USB-C connector, 5V voltage, is intended for charging. Charging current up to 1.5A. The time to fully charge the internal battery from a complete discharge is about 5 hours when using a quality charger. For safety reasons, the maximum charging time is set to 8 hours. After this time, the charging current is reduced to a minimum. If you are charging a deeply discharged lamp, it may happen that the battery does not charge in 8 hours, in this case, disconnect and reconnect the USB cable to the charger, this will start a new charging cycle.

At the end of its useful life, remove the battery and dispose of it in accordance with the Waste Act (hand over the product to a collection point or hand it over to the manufacturer or dealer for disposal). Please do not remove anything from the device or disassemble it, this manipulation may lead to fire or explosion.

The charging signals are displayed by the signaling LEDs on the side of the lamp:
 ◦ When the charger is connected – the red LED lights up permanently – the internal battery is charging
 ◦ When the charger is connected – the blue LED lights up permanently – the internal battery is charged
 ◦ The red LED flashes – the battery has less than 25% capacity

If the battery is completely discharged, the battery will be disconnected to prevent damage, and the lamp will not be able to be turned on. To connect the accumulator, it is necessary to connect the charger and charge the accumulator.

Technical data

Accumulator: Li-ion 5000 mAh Charging: 5V/ max 1.5A (charging time from full discharge approx. 5 hours) via USB-C connector Glow time: full brightness white LED up to 15 h, reduced brightness white LED up to 40 h standby mode (receiver active, LED off): up to 30 days LED light output: up to 550 Lm Number of colors: 7 The lamp can be pair (use) with FISHTRON Q10 TX, Q9-RGB TX, CatFish TX3, NEON TX3 signaling devices, FISHTRON RX MULTI, RX MAX receivers, FISHTRON ALF3, ALF4 alarms and WRL-KEY key fob Number of memory locations (maximum number of simultaneously learned devices) : 10 Waterproof construction: IP68 Range: up to 700 meters in open space Dimensions: 245 x 41 mm Package includes: lamp WRL4, waterproof textile cover, metal counter to neodymium magnets for better attachment, USB-C cable, hanging cord, instructions

Warning, safety

If you have the lamp at a greater distance from the transmitter, you will get the best range if you hang the lamp high.
Charging times and light lengths are approximate and depend on the state of charge of the internal battery and the ambient temperature. The lifetime of the accumulator is 500 to 1000 charging cycles. Connect and charge the charger only in a dry environment. Do not charge the lamp in the rain (unscrewed the waterproof cover of the connectors) and at temperatures below 0ºC, or vice versa at temperatures above 40ºC. The operating and storage temperature must not exceed 50ºC. Do not leave the lamp in the car on the dashboard or behind the windows in direct sunlight during the summer months. Do not throw the lamp into a fire. The package includes a USB-C cable and a protective case. If the device emits an abnormal smell during operation, charging or storage, and the temperature is abnormally high (note, normal use also generates heat and this is normal), changes color or shape, or exhibits other abnormal behavior, it should be stopped using immediately and contact the seller . Please do not use chemicals or powerful cleaners on the device. The product will consume electricity.

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

Post-warranty service
Post-warranty service is performed exclusively by the Czech manufacturer - the company FLAJZAR, s.r.o. It is our utmost effort to help you solve all your problems in the shortest possible time.
Quick email contact in case of problems: obchod@flajzar.cz.

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

Battery
Do not throw batteries into fire, do not disassemble, do not short circuit. Do not recharge the batteries.

The package contains the WRL4 lamp, waterproof textile cover, metal counter to neodymium magnets for better attachment, USB-C cable, hanging cord, instructions

Manufacturer / service / technical support
FLAJZAR, s.r.o., Svatoplukova 1199, 698 01 Veselí nad Moravou

FLAJZAR®

EU prohlášení o shodě

Č. výrobku: WRL4

Toto prohlášení o shodě vydal na vlastní odpovědnost výrobce:
FLAJZAR, s.r.o., IČO : 01616161
se sídlem Veselí nad Moravou, Svatoplukova 1199 , PSČ 698 01
zastoupena Vojtěchem Pánikem, jednatelem

Předmět prohlášení: LED lampa k sadě pro rybáře
Typové označení: RTX / RF: RFM69 HopeRF
Pásmo pracovního kmitočtu: 868,35 MHz
Vf výkon: -----
Modulace: FSK

Výše popsaný předmět prohlášení je ve shodě s nařízením vlády č. 426/2016Sb., kterým se stanoví technické požadavky na rádiová a na telekomunikační koncová zařízení a Nařízení vlády č. 481/2012Sb. o omezení používání některých nebezpečných látek v elektrických a elektronických zařízeních.

a harmonizovaných českých technických norem příslušných pro daný druh zařízení:
EMC:
ČSN EN 55032
ČSN EN 55016-2-3
ČSN EN IEC 61000-6-3 ed.3:2021
ČSN EN 61010-1 ed.2:2011 + A1
Bezpečnost: ČSN EN IEC 62368-1 ed.2:2020 + A11
RoHS: ČSN EN50581:2013

a je bezpečný za podmínek obvyklého použití a v souladu s návodem k obsluze. Toto prohlášení je vydáno na výhradní odpovědnost výrobce.
Na tento výrobek, byla umístěna značka CE.

Podepsáno za a jménem:
(místo a datum vydání):
(jméno, funkce) (podpis):

Vojtěch Pánik
Brno, 23/9/2024
jednatel společnosti