

Instruction Manual for TKO Wireless Remote Controller

Overview

The TKO wireless Remote controller is a simple trigger type remote control; It has a small and lightweight form factor, and maintains a comfortable grip; The TKO Remote controller retains only 2 keys, so it is easy to operate; It supports a single color LCD with 64 * 128 pixels. The most important is that it has excellent waterproof effect; It is one of the best choices for surfboard enthusiasts.

Specifications

- Operating system: uComicrium_OS
- Number of channels: 2 channels
- Operating voltage range: 5.0V
- Operating current: <1A
- Operating Temperature: -20°C ~ 60°C (-4°F ~ 140°F)
- LCD resolution: 128*64 pixel
- Magnetic UART Port

Features

- Ergonomic and compact design
- Upgraded RF module with FRK protocol
- Waterproof hall trigger
- Colored LED light strip
- Built-in lithium 1600mAh battery,

Frequency Band: 2.4G: 2404.27-2473.27 MHz

Modulation Type(s): FSK

Antenna type(s):2.85dBi

Antenna Designation: Ceramic antenna

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Digital radio system meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: Digital radio system (FCC ID: 2BGVBTKOWRC) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for when properly worn on the body is 0.064W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components.

Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.