



**Kinetic TKO
Wireless Remote
Controller**



Kinetic TKO Wireless Remote Controller Instruction Manual

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Kinetic TKO Wireless Remote Controller



Product Information

The TKO Wireless Remote Controller is a simple trigger-type remote control designed for ease of use. It features a small and lightweight form factor, making it convenient to handle, and offers a comfortable grip for extended use. With only 2 keys, the remote controller is straightforward to operate, making it user-friendly for all levels of experience.

Equipped with a single-color LCD display boasting 64 * 128 pixels, the TKO Remote Controller provides clear visual feedback. One of its standout features is its excellent waterproof effect, ensuring durability and reliability even in wet conditions. This makes it an ideal choice for surfboard enthusiasts who require a dependable remote-control solution.

Specifications

- **Operating system:** uComicrium_OS
- **Number of channels:** 2 channels
- **Operating voltage range:** 5.0V

Product Usage Instructions

Power On/Off

To power on the TKO Wireless Remote Controller, press and hold the designated power button for a few seconds until the device activates. To power off, repeat the same process.

Channel Selection

The remote controller supports 2 channels. Use the corresponding keys to switch between channels as needed for controlling compatible devices or equipment.

LCD Display

The LCD display provides important information and feedback. Navigate through menus or settings using the keys available on the remote controller.

Waterproof Maintenance

To maintain the waterproof effect of the remote controller, ensure that seals and openings are free from debris or damage. Avoid exposing the device to prolonged water immersion.

Frequently Asked Questions (FAQ)

- **Q: Is the TKO Remote Controller compatible with all surfboard models?**

A: The TKO Remote Controller is designed to work with most surfboard models; however, compatibility may vary. It is recommended to check with the surfboard manufacturer for specific compatibility information.

- **Q: How do I replace the batteries in the remote controller?**

A: To replace the batteries, locate the battery compartment on the back of the remote controller. Open the compartment, remove the old batteries, and insert new ones following the polarity markings.

- **Q: Can I use the TKO Remote Controller in saltwater environments?**

A: While the TKO Remote Controller offers excellent waterproofing, prolonged exposure to saltwater can still impact its performance. It is advisable to rinse the device with fresh water after use in saltwater environments to prevent any potential damage.

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 an 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

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, under 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 by 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.

Documents / Resources

