



SMART HELMET

LED TURNITNG SIGNALS



USER MANUAL

YTL-A01

V.1.5.0

CONTENTS

<i>PRODUCT INTRODUCTION.....</i>	<i>1</i>
<i>HELMET CHARACTERISTICS.....</i>	<i>1</i>
<i>PACKING DETAILS.....</i>	<i>1</i>
<i>HELMET & REMOTE CONTROLLER.....</i>	<i>2</i>
<i>HELMET FUNCTIONS.....</i>	<i>3</i>
<i>HOW TO WEAR YOUR HELMET.....</i>	<i>4</i>
<i>REMOTE CONTROLLER INSTALLATION.....</i>	<i>7</i>
<i>TECHNOLOGY PARAMETERS.....</i>	<i>8</i>

PRODUCT INTRODUCTION

Thanks for buying this smart helmet. It will give you new feeling of safety by cycling on the road. It can not only protect users' life safety, but also provides versatile functions of LED turning signals for you. Meanwhile, the fashion design of smart helmet gives riders wonderful experience and excellent feelings as a beautiful landscape on the road.

This smart helmet is suitable for bicycle riders.

HELMET CHARACTERISTICS

The streamlined design of helmet design, with hollow-out workmanship, is not only beautiful and lightweight, but also makes riding refreshing and breathable. The remote control signal lamp which is easy to control brings you a new riding experience.

PACKING DETAILS

- 1*Smart Helmet
- 1*Remote Controller
- 1*Charging WireSmart Helmet
- 1*Fixing Rubber Ring
- 1*User Manual

HELMET

Head Ventilation

Helmet Power ON/OFF

Left-turning Signal Lamp

Rear Flashing Warning Lamp

Type-C Charging Port

Right-turning Signal Lamp



REMOTE CONTROLLER

Type-C Charging Port

Status Indicators

Remote Controller Body

Left-turning Signal Control Key

Rear Flashing Warning Light Control Key

Remote Controller Power ON/OFF Key

Right-turning Signal Control Key



HELMET FUNCTIONS

Helmet Power ON/OFF

Long press the helmet power button to turn on the helmet. Long press again to turn off the helmet. In addition, the helmet will automatically shut down after 4 hours without any operation.

Helmet Indicator

When the helmet power indicator flashes slowly, which means it's time to charge.

Helmet Warning Lights

The warning light has four working modes, which can be switched through the remote control.

Left/Right Turn Signal

The turn signal is controlled ON/OFF by the remote controller. When it is turned on, the corresponding turn signal group flashes.

Remote Controller

Long press the power button of the remote control to turn on the remote control. Long press again to turn off the remote control. In addition, the remote control will shut down automatically after 2 hours of continuous working without any operation.

Left/Right Turn Button

Press the turn signal button on the remote control to control the corresponding helmet turn signal to flash.

Remote Control Warning Light Button & Indicator

Press the warning light button on the remote control to cycle the helmet warning light working mode.

Helmet & Remote Control Charging

The blue indicator is ON during charging and OFF when charging finished.

HOW TO WEAR YOUR HELMET

1. Adjust Lining Cushion

The inner side of the helmet is provided with a pad, which can cushion and absorb sweat. You can gently tear it off and clean it. Please paste it carefully during installation.

2. Tighten the Buckle

The buckle is the main way to fix the helmet. Before wearing, be sure to tighten the buckle and fix it at one end of the helmet. The reserved length of the buckle is recommended to be determined by yourself according to your needs.

3. Adjust the Tightness

After wearing the helmet, you will touch a knob at the back of the helmet. Turn the knob to adjust the tightness of the helmet. The comfortable handle of the knob will make you more focused on the tightness experience.

4. Test for Tightness

After adjusting the rear knob, lower your head and tilt your body forward with the buckle unfastened. If the helmet does not fall stably, it indicates that your adjustment is appropriate enough.

5. Adjusting Y-buckle

Next, let's adjust the Y-button on the tie. It has a great impact on the comfort of wearing the helmet. You can pull up and down the Y-button to the appropriate position. It is recommended to be close to the lower part of the ear as far as possible without affecting the comfort of the ear.

6. The Pulling & Inserting of Fasteners

The helmet adopts a bolt type connection mode. The connection can be realized by inserting the male head of the bolt into the female seat and fastening it. When unlocking, just press the elastic buckle rod on the side of the male head of the bolt.

7. Adjust the Tightness of the Chin

After the fastener is buckled, the tightness of the whole buckle can be adjusted. Holding one end and pulling the tail of the belt at the other end can easily fasten the buckle

8. Recommended Tightness

If the buckle is too tight, it will cause discomfort, but if it is too loose, it will not work. We suggest that two fingers can be inserted between the buckle and your chin.

HOW TO WEAR YOUR HELMET

9. Fix the Buckle

Finally, there is the extra part of the fixed buckle. A rubber band used to fix the excess buckle can be seen on the buckle connected with the bolt. Remove the helmet, pass the excess part of the buckle through the rubber band, and then adjust the rubber band to the appropriate fixed position.

10. Correct Wearing Position

The correct wearing position can generally be determined easily. The distance between the upper edge of the eyebrow and the lower edge of the helmet is one finger, and the forehead is exposed too much, which can not achieve the due protective effect. If the helmet is worn too forward, it will affect the line of sight. For your safety, we strongly recommend you to wear the helmet correctly.



1. Adjust Lining Cushion

2. Tighten the Buckle



3. Adjust the Tightness

4. Test for Tightness

HOW TO WEAR YOUR HELMET



5. Adjust Y-buckle

6. The Pulling & Inserting of Fasteners



7. Adjust the Tightness of the Chin

8. Recommended Tightness



9. Fix the Buckle

10. Correct Wearing Position

REMOTE CONTROLLER INSTALLATION

1. Prepare

Prepare the remote control and fixing rubber band

2. Install

First put the rubber band around the hook on one side of the remote control, then wrap the rubber band around the handlebar rod, and finally put the rubber band on the hook on the other side of the remote control.

3. Adjust

After the remote controller is installed on the handlebar, it can rotate properly around the rod or translate the remote controller and rubber band along the rod to adjust it to a comfortable position.



1. Prepare



2. Install



3. Adjust

TECHNOLOGY PARAMETERS

<i>Model</i>	<i>YTL-A01</i>
<i>Material</i>	<i>EPS PC ABS Silicone</i>
<i>Size</i>	<i>27*21*17CM</i>
<i>Weight</i>	<i>Helmet 360g/ Controller 30g</i>
<i>Suitable for</i>	<i>59cm-62cm</i>
<i>Waterproof</i>	<i>IPX4</i>
<i>Certification</i>	<i>CE EN1078/CPSC/RoHs/FCC</i>
<i>Battery Capacity</i>	<i>420mAh Lithium Polymer</i>
<i>Max. Power Consumption</i>	<i>42mAh/4.2V</i>
<i>Working Duration</i>	<i>24Hours/3-4Weeks</i>
<i>Charging Power</i>	<i>5V 210mAh</i>
<i>Charging Time</i>	<i>About 2 Hours</i>
<i>Turning Signal Light</i>	<i>Max. 3.14lm</i>
<i>Warning Lights</i>	<i>Max:9.42lm</i>
<i>Wireless Transmission</i>	<i>2404MHz-2479MHz 6dBm</i>

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction