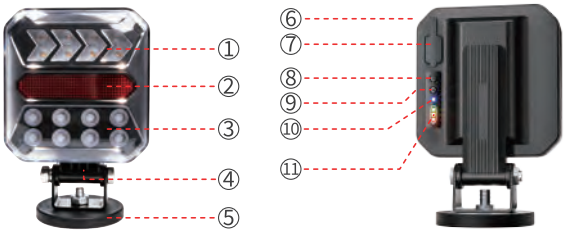


WT-63



Wireless Trailer Light Kit

Product Introduction



- ① Turn signal
- ② Driving lights/Brake lights
- ③ Work / Reverse Light
- ④ License plate light
- ⑤ Magnetic suction cup
- ⑥ solar charging panel x3
- ⑦ Type-C charging port
- ⑧ Communication switch button
- ⑨ Lighting/Alarm light button
- ⑩ Communication indicator light
- ⑪ Battery indicator light

Accessory List



Product Specifications

Product Name Wireless Trailer Light Kit

Product Model WT-63

Size 151*100*70mm

Weight ≈382g

Technical Parameters	Transmitter input voltage	DC 10V-24V
	Luminaire input voltage	DC 5V
	Frequency	2.4GHz
	Output power	5W
	Battery	3000mAh
	LED lamp beads	20 pieces (red, yellow, white)
	Waterproof rating	IPX6
	Installation method	Magnetic attachment (180° rotation)
	Charging time	2 Hours
	Battery life	20 Hours

Function Description

Power on/Power off

Press the [Communication Switch Button] briefly to start communication with the transmitter; the blue communication indicator will flash and the license plate light will turn on. Press the button briefly again to stop communication and power off the device.

Lighting/Alarm

Press and hold the [Lighting/Alarm] button for 2 seconds to activate the hazard warning lights (turn signals and running lights flash in sync); press it once briefly to turn on the work light and license plate light; press it briefly again to turn off all lights and cut power to the device.

*For the following four types of lights, please first insert the transmitter into the trailer socket to initiate pairing. (Note: The reverse light function is available only on the US-spec versions.)

Turn signal

When the light fixture receives the turn signal, the turn signal light illuminates and flashes (yellow).

Driving lights

While the vehicle is in motion, the daytime running lights will remain illuminated and constantly on (red, 50% brightness).

Brake lights

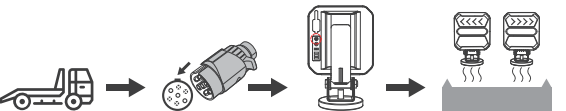
Upon receiving the reverse signal, the reverse light illuminates and remains steadily lit (white). (* Note: This feature is active only on US-spec versions.)

Operating Steps

Instructions for use

The light fixture and transmitter are factory pre-paired for immediate use. Follow the steps below to operate the product. If re-pairing is required, power-cycle the light fixture before attempting to reconnect.

1. Start the vehicle.
2. Insert the signal transmitter into the vehicle's trailer socket.
3. Press the [Communication switch button] briefly to connect; the communication indicator light will flash blue.
4. Install the lights onto the vehicle and perform a light test first; only start driving the vehicle after confirming that everything is working correctly.



Note: After the vehicle engine is turned off, the product will automatically turn off all lights and enter standby mode after one minute.

Charging Instructions

This product supports solar photovoltaic charging and Type-C power charging. Please charge the device promptly when the low battery alarm sounds.

Solar/Type-C charging

During charging, the battery indicator lights illuminate sequentially in red, yellow, and green; when fully charged, all three lights remain lit.

Battery indicator light

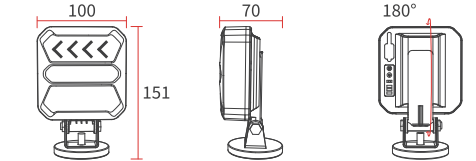
1. When the battery level is between 65% and 100%, the red, yellow, and green lights will all be continuously illuminated.
2. Battery level 30%-64%, red and yellow lights are constantly on.
3. Battery level 0%-29%, red light stays on.
4. When the battery level drops below 10%, a low battery alert is triggered, and the red light flashes.

65%-100%	30%-64%	0%-29%

Installation Method

(1) 151x100x70mm

(2) Supports 180° and 360° rotation adjustment.



Magnetic mounting

Method 1:

1. Choose a suitable installation location, usually on the top of the vehicle.
2. Clean the installation area, ensuring it is free of dust and grease, and that the device can be securely fixed.
3. The light fixture is secured to the vehicle using its magnetic base.



Method 2:

1. If the vehicle is not made of iron and the device cannot be attached directly, you can use the iron plate included in the accessory kit and secure it to the vehicle with screws.
2. Take out the metal plate from the accessories bag, and then fix it to the wooden surface or aluminum vehicle using screws.
3. Finally, the light fixture can be directly attached to the metal plate using the magnetic base.



Wire rope

1. Insert the end of the steel wire rope with the loop through the hole in the middle of the base bracket.
2. Thread one end of the wire rope through the loop at the other end, then through the first stud, and then tighten the wire rope and secure the buckle with a screw.
3. Then, wrap the other end of the steel cable around a steel pipe or other support structure on the vehicle.
4. Thread the other end of the steel cable through the second stud and then wrap the steel cable around the vehicle's steel pipe or other support structure.
5. Then, thread the steel wire rope through the other hole on the stud, and finally tighten the screw.

Even if the light fixture falls, it won't be lost!



Warning

⚠ This product is intended for use only in trailer taillight systems, but ensure that the installation location and color comply with local traffic regulations; to reduce the risk of violating traffic laws, product malfunction, fire, and equipment or property damage, please observe the following safety precautions.

1. When using this product, you must comply with local traffic regulations.
2. It is prohibited to use this device as an illegal warning signal on non-towing vehicles.
3. Before magnetic installation, ensure the metal surface is dry, flat, and free of oil. Before driving the vehicle, always double-check that the installation is secure.
4. Before use, please check the lighting functions and battery status. Charge the battery if necessary, and ensure everything is working correctly before starting the vehicle.
5. It is prohibited to cover product signal lights with paint or stickers, in order to avoid violating traffic regulations.
6. Please do not modify, disassemble, or repair this product yourself.
7. Strictly prohibit the product from coming into contact with any corrosive or acidic liquids.
8. Avoid storing the device in a discharged state for extended periods. If you need to store it unused, please fully charge it before storage to extend its lifespan.
9. Do not place the product in high-temperature areas or throw it into fire.

FCC Warning

⚠ 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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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