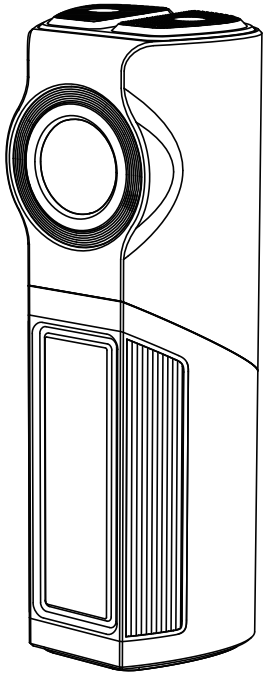
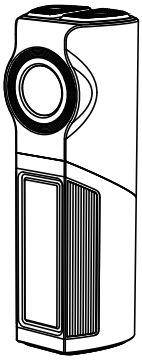
EN



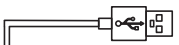
SEEMEE R300
USER MANUAL

IN THE BOX



SEEMEE R300

Seat post mount



USB-C
charging cable

MJ-6556
Saddle mount
(sold separately)

⚠ WARNING !

1. To prevent inadvertent switching on, please keep the light unit in lockout mode before transport or storage.
2. DO NOT disassemble, modify, remanufacture, puncture, or damage the device or batteries.
3. The SEEMEE R300 radar taillight does not replace cyclist attentiveness and good judgment. Always operate the bicycle in a safe manner. Failure to do so could result in severe injury or death.

START GUIDE

The SEEMEE R300 can be connected to bike computers with the radar ANT+ protocol. It includes both Lights ANT+ and Radar ANT+ protocols.

● The SEEMEE R300 radar taillight detects approaching vehicles up to 140 meters away.

●The radar detects approaching vehicle speed from 10 to 160 km/h (from 6 to 99 mph).

NOTE: The radar does not detect vehicles traveling at the same speed as your bike.

● The radar detection angle is 35° horizontally and 45° vertically.

● The radar can detect up to eight approaching vehicles.

PAIR WITH A BIKE COMPUTER

Note: Place your bike computer and taillight within 3 meters. Keep 10 meters away from other ANT+ sensors when pairing.

1. Turn on SEEMEE R300 and activate its radar function.
2. Turn on your bike computer, go to Menu>Sensors>Add Sensors> Radar>Search All.
3. Select SEEMEE R300 (random number), and click "Add".
4. When pairing successfully, the sensor shows that "Radar" and "Lights" are connected.

OPERATION INSTRUCTIONS

ON/OFF:

Press and hold the power button for 1 second to turn the taillight on/off. When the taillight is on, the radar function is activated by default.

RADAR FUNCTION ON/OFF:

1. Press and hold the radar button for 1 second to turn the radar function on/off.
2. The radar function can be turned on/off separately. When only the radar is turned on, the taillight will enter only radar mode.

RADAR INDICATOR:

1. When the radar is working, the indicator will circle clockwise with red light.
2. When the radar is abnormal, the indicator will keep flashing white.

CHANGE MODE:

When the taillight is on, click the power button to cycle through Low→High→Night Flash→Day Flash →Eco Flash→Low...

With a connected bike computer, enter "Light Mode" and select the corresponding brightness level. Or customize the taillight lighting mode on a compatible computer, e.g., automatically adjust the lighting mode and brightness according to ambient light.

MEMORY FUNCTION:

When the taillight is turned on again, it will automatically turn to the last selected lighting mode.

VIBRATION FUNCTION ON:

When the taillight is off, press and hold the power button and radar button for 3 seconds until the taillight lights up constantly at maximum output.

When the vibration function is on, the taillight will enter sleep mode after 5 minutes of inactivity and automatically activate when a vibration is detected.

When the taillight detects vibrations, it will automatically turn on and light up with the last selected lighting mode.

VIBRATION FUNCTION OFF:

When the taillight is off, press and hold the power button and radar button for 3 seconds until the taillight keeps flashing quickly at maximum output.

LOCKOUT/UNLOCK:

Press and hold the power button for 3 seconds to enter lockout mode and all other functions will be temporarily deactivated. Click the power button or radar button, and the indicator will flash red. In lockout mode, press and hold the power button for 3 seconds to unlock the taillight.

OUTPUT / RUNTIME

	LUMENS	RADAR ON	RADAR OFF
LOW	15LM	14.5h	32.7h
HIGH	50LM	8h	19.5h
NIGHT FLASH	10-50LM	11.9h	26.5h
DAY FLASH	0-100LM	16.2h	38.4h
ECO FLASH	0-3-3-10LM	24h	100h
GROUP RIDE MODE	5LM	20.1h	54h
ONLY RADAR MODE	1LM	26.3h	/

*The taillight modes are subject to the identification display of the bike computer's Light Mode control interface. Due to the different computer brands you use, here may be slightly different.

RADAR FLASH MODE

	LUMENS	MODE
RADAR NIGHT FLASH	0-60LM	ECO FLASH
		LOW
		NIGHT FLASH
RADAR DAY FLASH	0-300LM	HIGH
		DAY FLASH
RADAR FLASH OFF	0LM	GROUP RIDE
ONLY RADAR MODE	0-300LM	Light up in the last selected radar flash mode

*All data are measured in accordance with ANSI/NEMA FL 1-2009. The test was conducted at a temperature of 25°C and a wind speed of 25 km/h. The runtime may vary depending on external temperature and ventilation conditions, and these deviations may affect the result of testing.

GROUP RIDE MODE

When two or more SEEMEE R300 simultaneously light up in Low mode and stay within 10 meters, the taillight automatically switches to Group Ride mode.

PELOTONSYNC FLASH MODE:

When two or more SEEMEE R300 taillights come close and flash in the same pattern, they automatically switch to PelotonSync Flash mode. Click the button to exit PelotonSync Flash mode and switch to other modes.

LOW POWER MODE:

When the remaining battery power is below 10%, the taillight will change to Eco Flash mode and cannot be adjusted. The radar flash mode and vibration function will be disabled during this period.

*The runtime of the only radar mode is for reference only.

*When the taillight enters Group Ride mode, the radar flash is off, and the taillight only provides computer radar data.

VIEW RADAR ON YOUR BIKE COMPUTER

Go for a ride. The radar information will be displayed on the activity data screen.

The vehicle position moves up the column as a vehicle gets closer to your bike. The threat level changes color based on the potential level of threat. Green indicates no vehicle is detected. Orange indicates a vehicle is approaching. Red indicates a vehicle is approaching at a high rate of speed.

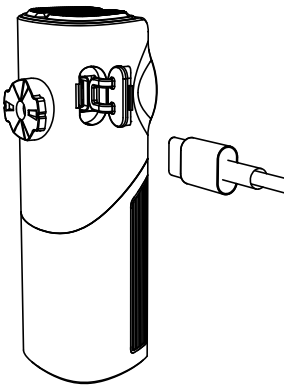
If your bike computer is set to sound or vibrate, it will sound an alarm when it detects the first vehicle. After the threat is eliminated and a new approaching vehicle is detected, the computer will sound an alarm again.

CUSTOMIZE RADAR ALERT SETTINGS

1. Turn on your bike computer, select Menu>Sensors>Radar (corresponding number)>Sensor Details>Alert Settings.
2. Select an option.

CHARGING / BATTERY INDICATOR

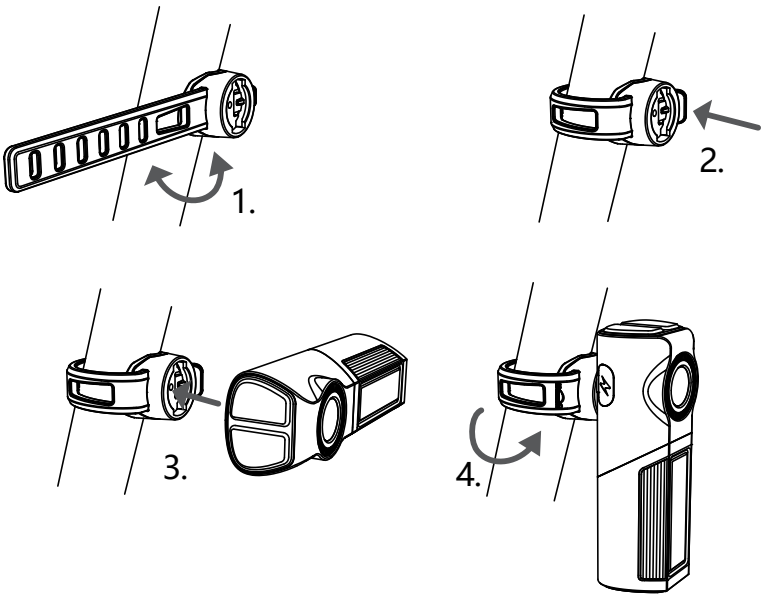
When the taillight is off, click the power button to display the remaining battery level for 3 seconds.
Charging: Flashing red
Fully charged: Constant green for 2 minutes
Standard charging time approx. 2.15 hours (5V 2A)



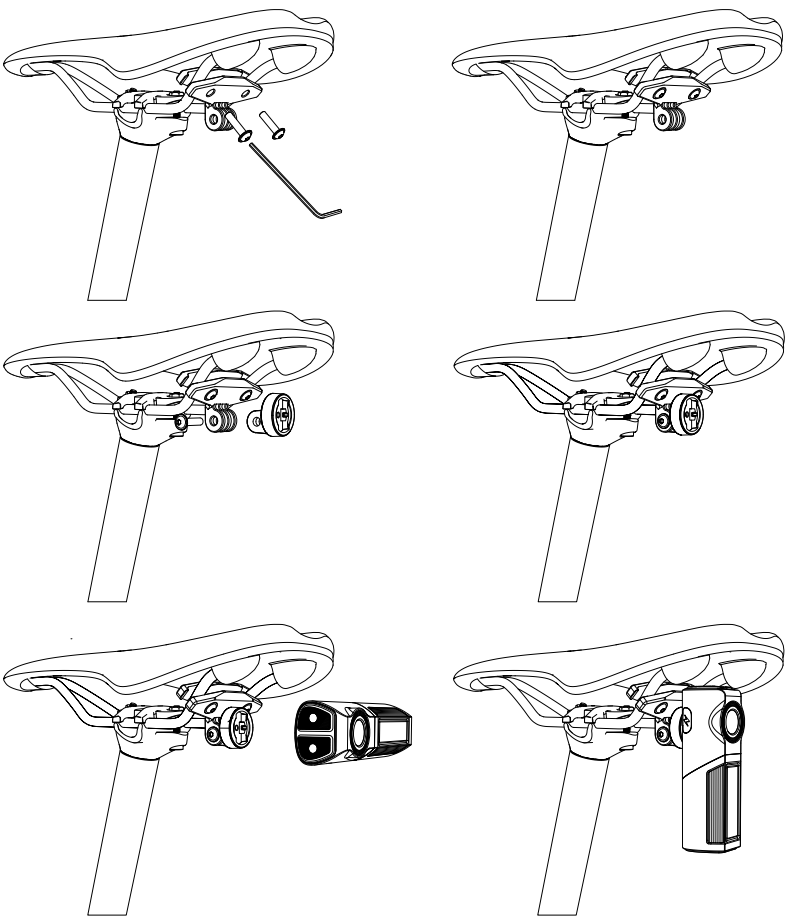
BATTERY INDICATOR
100%-40%: Constant green
39%-11%: Constant red
10%-0%: Flashing red
When the taillight is connected to your bike computer, check the remaining power of the taillight on the computer. When the taillight's remaining power is low, the computer will indicate that the taillight is in low power mode.

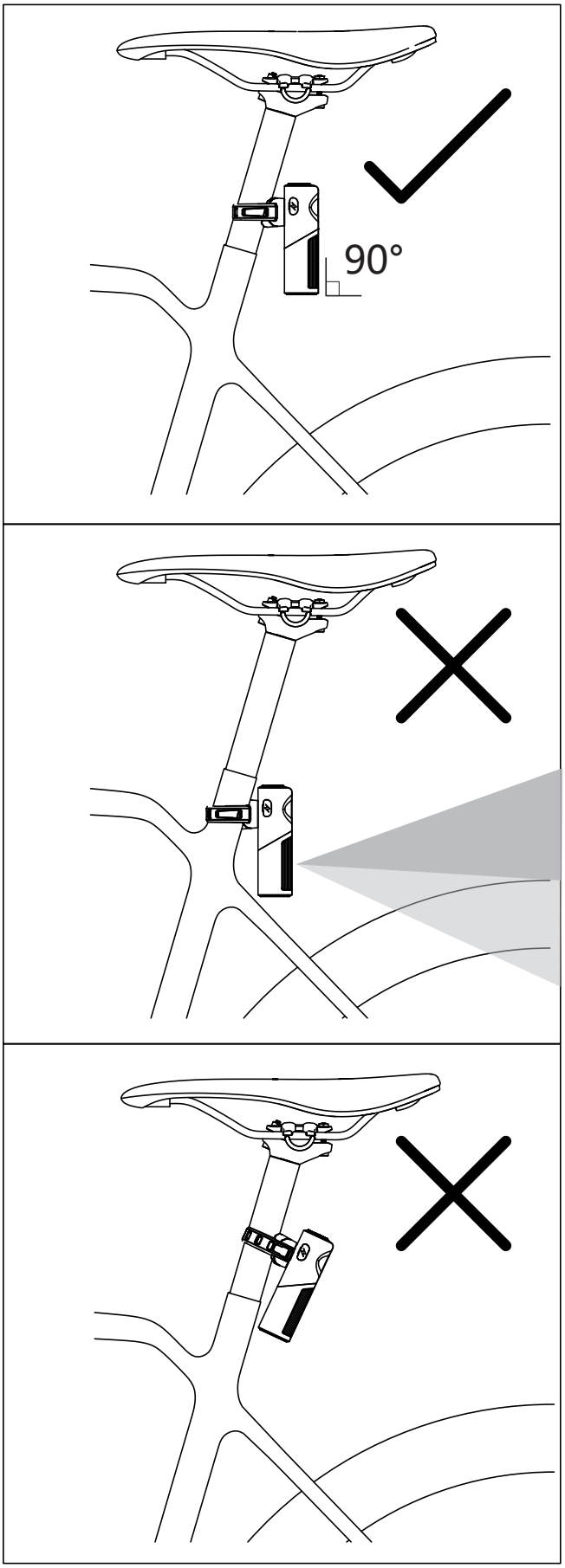
HOW TO INSTALL

1. INSTALL ON SEAT POST



2. INSTALL UNDER SADDLE (OPTIONAL)




90°

FCC STATEMENT

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

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 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.