RAVEMEN

NT201

Product Manual
Manuel du produit
Bedienungsanleitung
Manuale del prodotto
Manual del producto
제품 설명서
製品マニュアル
产品说明书

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WARNING

- This device is intended to be an additional aid in riding and is not a substitute for maintaining situational awareness. Always be aware of your surroundings and do not operate this device while in motion, stare at or become distracted by the display.

WARNING/AVERTISSEMENT/WARNUNG/ ATTENZIONE/ADVERTENCIA/警告/경고

Li-ion battery inside
Batterie Li-ion à l'intérieur
Batteria agli ioni di litio all'interno
Batería de iones de litio en el interior
内置锂电池 / 내부에 리튬 이온 배터리
リチウムイオン電池内蔵

Keep the charging port dry and clean to prevent corrosion/ short circuits.

Gardez le port de charge sec et propre pour éviter la corrosion/les courts-circuits.

Halten Sie den Ladeanschluss trocken und sauber, um Korrosion/Kurzschlüsse zu vermeiden.

Mantenere la porta di ricarica asciutta e pulita per evitare corrosione/cortocircuiti.

Mantenga el puerto de carga seco y limpio para evitar corrosión o cortocircuitos.

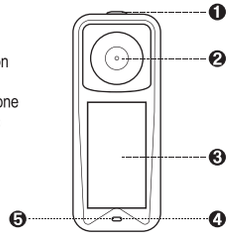
부식/단락을 방지하려면 충전 포트를 건조하고 깨끗하게 유지하십시오.

腐食やショートを防ぐために、充電ポートを乾燥した清潔な状態に保ってください。

保持充电端口干燥、清洁以防止腐蚀/短路。

CE FC RoHS

Quick Guide/Guide rapide/Guía rápida/Guida rapida
빠른 가이드/クイックガイド/快速指南



❶ Power button
Bouton d'alimentation
Ein-/Ausschalter
Pulsante di accensione
Botón de encendido
전원 버튼
電源ボタン
电源按钮

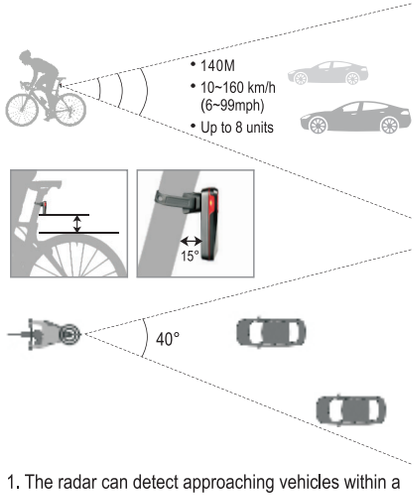
❷ Main light
Lumière principale
Hauptlicht
Luci principali
Luz principal
주광
メインライト
主灯

❸ Radar Module
Module de radar
Radar-Modul
Modulo radar
Módulo de radar
레이더 모듈
レーダーモジュール
雷达模块

❹ Red indicator
Indicateur rouge
Rotes Anzeigezeichen
Indicatore rosso
Indicador rojo
빨간 표시등
レッド・インジケーター
红色指示灯

❺ Yellow indicator
Indicateur jaune
Gelber Indikator
Indicatore giallo
Indicador amarillo
노란 표시등
イエロー・インジケーター
黄色指示灯

Radar Detection:



1. The radar can detect approaching vehicles within a 140-meter range.
2. The relative speed of approaching vehicles that can be detected by radar must be within 10~160 km/h (6~99mph). Note: The radar will not detect vehicles traveling at the same speed as you.
3. The radar can detect up to 8 approaching vehicles simultaneously.
4. The radar beam width is 40°(-20°~+20°).
5. Radar detection cannot be used indoor.

Radar Specifications

Types	Specifications
Operating Temperature Range	-10°C~50°C(14°F~122°F)
Charging Temperature Range	0°C ~45°C (32°F~113°F)
Communication Protocol	Bluetooth
Transmission Frequency	24.050GHz-24.250GHz(Radar) 2.402GHz-2.480GHz(Bluetooth)
Maximum transmission power	10mW (Radar) 2.5mw (Bluetooth)

Mode	Brightness (lumens)	Run time (hrs)
High	25	8
Low	5	16
Slow flashing	10	23
Warning flashing	80	16
Daytime warning	25	/
Pulse	5	18
Water resistance	IPX6	
Impact resistance	1 meter	

Note: When in the daytime warning mode, the high mode will be activated when the radar detects vehicles.

EN (English)

Power Button
Press for 1.5 seconds to turn on/off power.
Click to cycle through different modes.

Viewing signs on the display devices
NT201 can be paired with the display devices that support radar. With this, you can track the situation of vehicles approaching from behind, as shown on your display device.

Pairing
1. Press the power button of the light for 2.5 seconds till it starts slow flashing and the yellow indicator is on.
2. Bring the display device near the light and turn it on.
3. Select "Add sensors" or "Search sensors" on the setting page of the display device.
(This step is varied with different devices. Check the manual of your device if you can't find the setting page.)
4. Select the "Radar" in the search results on the display device to connect. If the Radar is not found, turn off the light and repeat the first step.
5. Check the bike computer and see if the pairing is finished.

Note: When paired with Garmin computers, the light will enter sleep mode first and turn on again by clicking the Start button of the computer. In the Sensor setting page, you can select to turn on the light when the computer is on or when pressing the Start button.

Viewing radar signs
The radar's status and information will be displayed on the left or right side of the bike computers when detecting vehicles. The display will vary from different devices.

Auto on/off with bike computers
When paired with Garmin Edge computers, the computer will control the rear light to sleep or turn on together without manual operation. If not, please manually turn on the light. If this issue persists, remove the sensor from the computer and re-pair it. The response time for the light to enter sleep mode depends on the Edge models. As for other computers, please use the auto on/off and brake detection mode below.

Auto on-off and brake detection
To activate this function, turn on the light first, then press the power button for 5 seconds. During this press, the light will switch off first, then blink quickly 5 times and on again. To exit this mode, repeat the above operation (the light will be blinking slowly 3 times in this process). In this mode, the light will switch to 65 lumens for 2 seconds when detecting braking. It will also be auto-off after staying still for 2 minutes and auto-on again with vibration.

Reset the pairing device
Press the power button for 5 seconds till the light is blinking quickly 5 times, then the light will delete the paired devices and return to the last used mode.

Mode memory function
NT201 remembers the current mode when switched off.

Charging indicator
Blinking red light: Charging;
Constant red light: Fully charged.

Battery Indicators
1) Red light: <30%;
2) Blinking red light (low battery) : <5%.And the radar module will turn off.
3) When the light is off, clicking the power button will activate the battery indicator without turning the light on. If the red light is not on, it means the battery level is above 30%.

USB-C charging
Standard charging time: 2.5 hours.
Input: 5V, DC/0.8A.

Warranty policy
1. Two years warranty for the products to be free of defects in material and workmanship from the day of purchase under normal use.
2. One-year warranty for accessories and battery.
3. Limited lifetime warranty support.
4. Contact the seller or us for warranty service.

Warranty exclusions
1. Normal wear/tear and normal battery deterioration.
2. Improper use and maintenance, unauthorized modifications or alterations.
3. No sales receipt or proof of the purchase.

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.
(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.

FCC Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement. The devicecan be used in portable exposure condition without restriction.