

RAVEMEN

FR300 ANT+

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



WARNING/AVERTISSEMENT/WARNING/ 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.

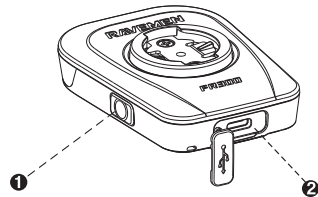
부식/단락을 방지하려면 충전 포트를 건조하고 깨끗하게 유지하
십시오.

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。

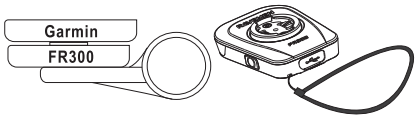
Quick Guide/Guide rapide/Guía rápida/Guida rapida

빠른 가이드/クイックガイド/快速指南



Power button/Indicators
Bouton d'alimentation/Indicateurs
Ein/Aus-Taste/Anzeigen
Pulsante di accensione/Indicatori
Botón de encendido/Indicadores
전원 버튼 / 표시기
電源スイッチ/表示灯
电源按钮/指示灯

USB-C charging/discharging
Chargement/décharge USB-C
Laden/Entladen über USB-C
Carica/scarica USB-C
Carga/descarga USB-C
USB-C 충전/방전
USB-C 充電/放電
USB-C 充电/放电



Use the tether to secure the light or the computer.

Utilisez l'attache pour sécuriser la lumière ou l'ordinateur.

Befestigen Sie die Leuchte oder den Computer mit dem Halteband.

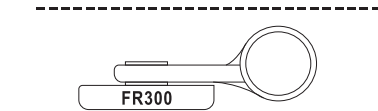
Usa il cavo per fissare la luce o il computer.

Utilice la correa para asegurar la luz o la computadora.

끈을 사용하여 조명이나 컴퓨터를 고정하세요.

デザーを使用してライトまたはコンピューターを固定します。

使用系绳安全固定灯或码表。



Fixing the FR300 under the mount

You can fix the light under the mount using the
Garmin Flush out-front mount.

Fixation du FR300 sous le support

Vous pouvez fixer la lumière sous le support lorsque
vous utilisez le support extérieur Garmin Flush.

Befestigen des FR300 unter der Halterung

Sie können das Licht unterhalb der Halterung
befestigen, wenn Sie die Garmin Flush-Out-Front-
Halterung verwenden.

Fissare l'FR300 sotto il supporto

È possibile fissare la luce sotto il supporto quando si
utilizza il supporto anteriore Garmin Flush.

Fijación del FR300 debajo del soporte

Puedes fijar la luz debajo del soporte cuando utilices
el soporte frontal Garmin Flush.

마운트 아래에 FR300 고정

Garmin Flush 전면 마운트를 사용하여 마운트 아래 조명을
고정할 수 있습니다.

吊り下げ取付

Garmin Flushアウトフロントマウントを使用する場合、
ライトを直接マウントの下に吊り下げ取付できます。

将 FR300 安装在码表延伸支架下方

使用 Garmin Flush 码表延伸支架时可以将灯固定在下方。

Mode	Brightness(lumens)	Run time(hrs)
High	200	4
Mid	100	7.5
Low	50	14.5
Warning flashing	300	9
Rapid flashing	100	12.5
Slow flashing	100	24
Water resistance		IPX6
Impact resistance		1 meter

Lab testing data. They may vary by environment and user
conditions. Future revisions are subject to be made without
notice. Any discrepancy between the picture and the product
is subject to the real object.

EN (English)

Power button

Press for 1.5 second to turn on/off the power; Click to
cycle through the modes.

Pairing

1. When the bike light is off, press and hold the power
button for 2.5 seconds until the light flashes slowly.

The light will then enter pairing mode. Once pairing is
successful, the light will return to the previous mode.

2. Bring the display device close to the light and turn
it on.

3. On the display device, go to the settings page and
select "Add Sensor" or "Search Sensor" (the operation
may vary depending on the device, please refer to the
device manual).

4. In the search results, select "Light" to connect.

If the bicycle light is not found, turn it off and repeat the
first step.

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.

Auto on-off mode

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
off automatically after staying still for 2 minutes and
turn on with a vibration.

Auto on/off with Garmin computers

When paired with Garmin Edge computers, the
computer will control the head 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.

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

FR300 remembers the current mode when switched off.

Battery indicator

Green light: 40%~100%; Red light: 5%~40%;

Blinking red light: 0~5%; Charge your light soon.

When the light is off, clicking the power button will
activate the battery indicator without turning the light on.

USB-C charging/discharging

Standard charging time: 1 hour 40 minutes.

Input: 5V, DC/1A.

Output: 5V, DC/1A. **Use the cable to connect
the bike computer firstly.**

Built-in over-charge/discharge protection.

Notes: 1. FR300 might **NOT** be charged by some fast
chargers due to the different charging protocols. Try other
chargers or cables if this happens.

2. Charge your bike computers only. **DO NOT** use it to
charge your cell phone or other devices. Otherwise, it
might damage the light and void the warranty.

3. **DO NOT** use it in rain because the light is not
water-resistant when the charging port is connected.

Charging indicator

Blinking red light: charging; Green light: fully charged.

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 device can be used in portable
exposure condition without restriction.