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IMPORTANT NOTICE BEFORE RIDING

We strongly urge you to read the Bicycle Owner's Manual in its entirety before your first ride. Read and make sure that you understand every point in this manual, especially the "Safety" section. If you have any questions, please contact your local authorized Giant retailer.

This user manual contains important safety, performance, and service information. Please read the user manual before starting to use your new Giant Power Pro and keep it for future reference.

For your safety, we recommend that you to focus on your surroundings while riding. Avoid staring at the computer screen. This may compromise your traffic awareness, and possibly lead to serious accident.

SERVICE AND TECHNICAL SUPPORT

Please ensure that the Giant Power Pro has been paired with the cycling computer and has proceeded Calibration/zero offset before use. Please refer the pairing and calibration section.

For the multi-language manuals and more information, please visit:
<https://www.giant-bicycles.com/global/support/manuals>



If you encounter difficulties or are uncertain about anything mentioned in this user manual, please contact your local authorized Giant retailer.

To find one, or to learn more about Giant, go to www.giant-bicycles.com

WATER RESISTANCE CAPABILITY

The water resistance level of Giant Power Pro complies to the IPX7 standard which offers a waterproof level of one meter immersion.

- ⚠ Warning: Do NOT immerse the power meter in water for a longer time.
- ⚠ Warning: Do NOT use the high pressure washers to clean the power meter directly. The high pressure will cause the moisture to permeate the internals of the power meter and damage the electronic components.

SPECIFICATIONS

Battery	Rechargeable lithium battery Battery life: about 150 hours
Wireless transmission	2.4GHz, ANT+™ Bluetooth® Smart (BLE 4.0)
Accuracy	±2% of measured power value
Weight	Left side: about 18g Right side: about 27g
Power measurement range	0-3000Watts
Cadence range	20-180 RPM
Water resistance level	IPX7
Operating environment temperature range	-10°C ~ 50°C / 14°F ~ 122°F
Storage environment temperature range	-20°C ~ 70°C / -4°F ~ 158°F
Accessory	Charging cable

DOWNLOAD GIANT RIDELINK APP

The Giant RideLink App is available for Apple® iOS and Android system*. Please go to the App Store or Google Play to search Giant RideLink App and download it.

* Android system must be Android 6.0 or higher version.

FIRMWARE INFORMATION

Giant keeps developing and releasing the updated versions of firmware to provide the latest functions. The latest firmware for Giant Power Pro can be updated by using Giant RideLink app. For more details and information about firmware, please visit <https://www.giant-bicycles.com/support/manuals>.



GIANT POWER PRO LIGHT INDICATIONS

There is one indicator LED light on every Giant Power Pro. This indicator light can show various conditions. Indications of the LED light:

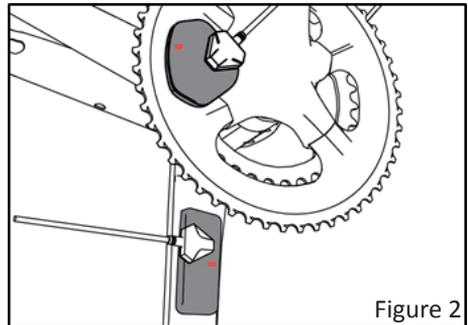
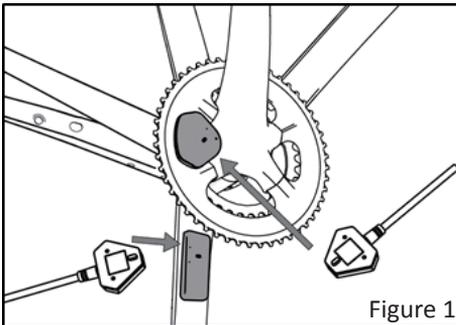
- Indicator light blinks green 10 times: Battery capacity is more than 30% when waking the Giant Power Pro.
- After waking the Giant Power Pro the indicator light blinks once every 5 seconds: Battery capacity is lower than 30% of capacity when waking the Giant Power Pro.
- Indicator light is constantly red: While charging the Giant Power Pro. Indicator light switches off when charging is finished.
- Indicator light does not show any green or red light: The battery may be damaged or have other problems, please contact an authorized Giant retailer for assistance.

CHARGING INSTRUCTIONS

Fully charge the battery of the Power Pro before using it for the first time.

Step 1: Prepare the charging cable, as shown Figure 1.

Step 2 : Attach the charging cable to the Giant Power Pro. The indicator light will be red light constantly while charging is in progress, as shown Figure 2



⚠ Caution:

- Voltage: $5V \pm 10\%$ / Current: $1 \sim 2A$
- Charging time: about 2 hours for each side.
- The battery should fully recharged once every two months when the Power Pro is not being used for a longer time.

ASSEMBLY CHECKING AND PAIRING PREPARATION

- ⚠ Caution:** Before riding on the road, please make sure and check the bottom bracket and the bolts of crank arms are tightened to the correct torque value. Please refer to the specific technical manuals from the crank manufacturer for the correct torque values. If you encounter difficulties, please contact your local authorized Giant retailer.

Step 1: check if all bolts are tightened to the correct torque value, as shown figure 3.

1-1 The standard torque value of M5 bolts left crank arm is usually 12-14 Nm. But please refer to the specific technical manuals from the crank manufacturer to verify the correct torque value.

1-2 The M3 bolts are on the crank set for tightening the Giant Power Pro. The correct torque value is 3 Nm.

Step 2: Wake up the Giant Power Pro, as shown Figure 4.

2-1 Fully rotate the crank arms forwards or backwards two or three times to wake up the Giant Power Pro. The indicator light will blink green for 10 times.

2-2 If the indicator light blinks green once every 5 seconds after waking the Giant Power Pro, the battery capacity is below 30% capacity. Please charge the battery.

Step 3: Pairing preparation.

3-1 Put the bike in horizontal position.

3-2 Keep the left crank arm in 6 o'clock position and the right crank in 12 o'clock position, as shown figure 5-2 and 5-3.

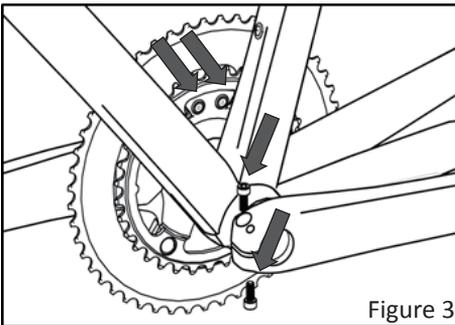


Figure 3

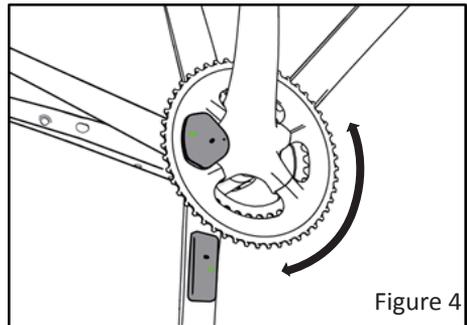


Figure 4

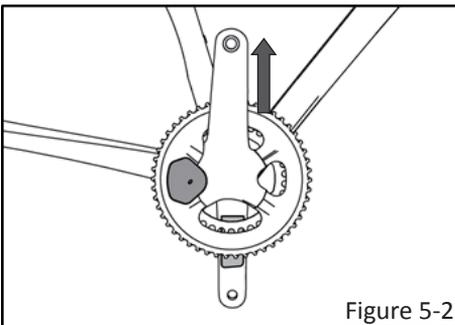


Figure 5-2

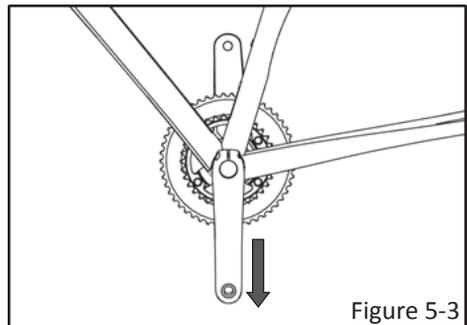


Figure 5-3

PAIRING GIANT POWER PRO

Before pairing, please make sure the battery of Giant Power Pro is fully charged. Fully rotate the crank arms forwards or backwards two or three times to wake up the Giant Power Pro and put the bike in horizontal position as described at step 2 and 3. Please refer to the technical manuals of the cycling computer to pair it with the Giant Power Pro. The procedures may differ between various computers.

Tip: Please refer to light indication and charging instruction sections for the details.

The following procedure is an example with a Giant NeosTrack cycling computer.

Tip: For the basic operation of Giant NeosTrack please refer to appendix A.

Tip: For pairing procedures with the smartphone app please refer to appendix B.

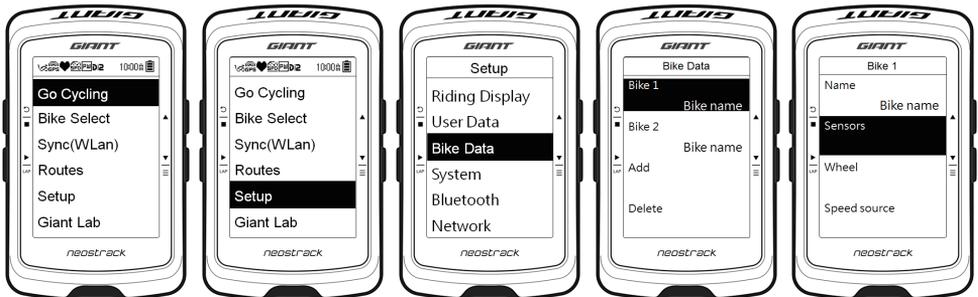
Step 1 : Hold button  to enter the menu

Step 2 : Press  to choose "Setup". Press  to enter it

Step 3 : Press  to choose "Bike Data". Press  to enter it

Step 4 : Press  to choose "Bike 1". Press  to enter it

Step 5 : Press  to choose "Sensors". Press  to enter it



Step 1

Step 2

Step 3

Step 4

Step 5

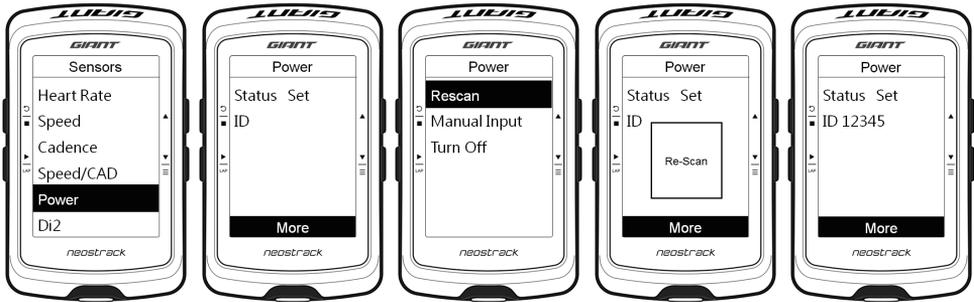
Step 6 : Press  to choose Power. Press  to enter it

Step 7 : Press  to enter "More" page

Step 8 : Press  to choose "Rescan"

Step 9 : Press  to start "Re-scan"

Step 10 : When chosen device appears, pairing is finished.



Step 6

Step 7

Step 8

Step 9

Step 10

CALIBRATION/ZERO OFFSET

Before the calibration, please make sure the procedure of pairing with Giant Power Pro and computer is finished. Please refer to technical manuals of the cycling computer to calibrate the Giant Power Pro with cycling computer. The procedures may differ between various computers.

⚠ CAUTION: Please operate the calibration when assembling/disassembling the bottom bracket or cranks.

⚠ CAUTION: Please operate the calibration before every ride.

The following procedure is an example with a Giant NeoTrack cycling computer.

Tip: Calibration will only display when the power meter is activated and paired.

Tip: For the calibration procedures with smartphone app please refer to appendix C.

Step 1 : After pairing successfully. Press $\frac{\Delta}{\text{LAP}}$ to enter the "More" page.

Step 2 : Press $\frac{\nabla}{\equiv}$ to choose Calibrate. Press $\frac{\Delta}{\text{LAP}}$ to enter it

Step 3 : After calibration is completed. Press $\frac{\Delta}{\text{LAP}}$ to save the setting.

⚠ CAUTION: The calibration is completed when the "Calibrate" value shows 0. A calibrated value of -1 indicates the calibration has failed.



Step 1

Step 2

Step 3

MAINTENANCE AND CLEANING

To ensure the functionalities of Giant Power Pro and not to affect the Giant limited warranty, please make sure to comply with the WARNINGS and CAUTIONS listed below. Not complying with these recommendations may result in damage to Giant Power Pro and void your warranty.

WARNING:

- Only to clean the covers of the Giant Power Pro. Please do NOT disassemble the Giant Power Pro this will void your warranty.
- Please only clean the cover of Giant Power Pro with a clean cloth and water. Please do NOT use corrosive detergent to clean as it may damage the cover.
- Do NOT use the high pressure washers to clean the power meter directly. The high pressure will cause the moisture to permeate the internals of the power meter and damage the electronic components.
- Please do NOT expose the power meter to constant high temperatures.
- Please avoid that the Power Pro gets hit by any abnormal external force which may cause damage to the Power Pro.
- Stop charging immediately to avoid dangerous situations if a strange smell, smoke, or any other abnormal condition occurs during charging.
- Do not charge the battery in a wet environment or during a thunderstorm. It may cause damage to the battery and possible dangerous situations such as an electric shock.
- Please make sure that no metal items or oily materials touch the charging connector and charging terminals.

CAUTION:

- The storage environment temperature range is between $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ / $-4^{\circ}\text{F} \sim 158^{\circ}\text{F}$. Damage to the electronic components may occur if the storage temperature is out of range.
- The operating environment temperature range is between $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ / $14^{\circ}\text{F} \sim 122^{\circ}\text{F}$. The functions may not be normal when the temperature is out of range.
- The battery should fully recharged once every two months when the Power Pro is not being used for a longer time.
- The environment temperature should be between $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ / $14^{\circ}\text{F} \sim 122^{\circ}\text{F}$ when charging the battery. The battery may get damaged when the environment temperature is out of range.
- Charging time is around 2 hours. If the charging time is over 2 hours and the battery is still not fully charged, please stop charging to avoid the risk of overheating the battery. Please contact your local authorized Giant retailer for support and advice.
- The battery may get damaged if it does not get charged at low battery level. Please charge it at any time.
- It is a normal phenomenon that the battery level will gradually reduce when it has not being used for a period of time.
- Please follow the suggested Voltage and current: $5\text{V} \pm 10\% / 1 \sim 2\text{A}$
- Please only use the charging cable which is supplied with the Power Pro. Do not bundle the charging cable while charging. Do not pull or damage the charging cable in any way. Using a damaged charging cable may cause danger.

TROUBLESHOOTING

If you encounter any of the following problems when using the Giant Power Pro, follow the suggestions and contact authorized Giant retailer if the problems can't be solved.

Possible problems and suggestions:

Q1: I can't charge my Giant Power Pro.

A1: Please confirm if the charging cable is connected properly to the Giant Power Pro.

A2: Please confirm if no metal part of the charging plug is oxidized or damaged.

Q2: I can't pair my Giant Power Pro with computer.

A1: Please check if the battery level of the Giant Power Pro is sufficient, if it is not enough, please charge it.

A2: Please confirm if the Giant Power Pro is awoken successfully.

A3: Please confirm if your cycling computer has a pairing function.

A4: Please confirm if your cycling computer is ANT+™ compatible.

A5: Please enter Giant Power Pro ID manually.

Q3: The power value does not shown on my computer.

A1: Please check if the battery level of the Giant Power Pro is sufficient, if it is not enough, please charge it

A2: Please confirm if the Giant Power Pro has been paired with your cycling computer.

A3: Please confirm the functions of the computer are normal.

A4: Please confirm if your computer has the functionalities to display power values.

Q4: Unusual calibration values show during calibration process.

A1: Please calibrate the Giant Power Pro again.

A2: Please update the firmware of Giant Power Pro

Q5: Unusual power values show on the cycling computer display.

(over high or too low value)

A1: Please confirm that the bolts of the cranks/Giant Power Pro are tightened to the correct value.

A2: Please calibrate the Giant Power Pro again

A3: Please update the firmware of Giant Power Pro

Q6: Unusual light indication

A1: The light is off: Please check if the pairing and cycling computer display are normal. If it works properly, then the LED might be damaged. Please contact an authorized Giant retailer.

A2: Abnormal blinking: please contact your local authorized Giant retailer.

If the suggestions can't solve above problems, please contact your local authorized Giant retailer.

GIANT LIMITED WARRANTY

Giant warrants its Power Pro for a period of two (2) years from the date of purchase, this applies only for the original owner.

This warranty applies only to this product when purchased new from an Authorized Giant Dealer and assembled by that dealer at the time of purchase.

LIMITED REMEDY

Unless otherwise provided, the sole remedy under the above warranty, or any implied warranty, is limited to the replacement of defective parts with those of equal or greater value at the sole discretion of Giant. This warranty extends from the date of purchase, applies only to the original owner, and is not transferable. In no event shall Giant be responsible for any direct, incidental or consequential damages, including, without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, product liability, or any other theory.

EXCLUSIONS

The above warranty, or any implied warranty, does not cover:

- Normal wear and tear on parts in situations where there are no assembly or material defects.
- Consumable components including bolts and charging cable.
- Products serviced by other than an Authorized Giant dealer.
- Modifications of the product from its original condition.
- Use of this product for abnormal, competition and/or commercial activities or for purposes other than those for which this product was designed.
- Damage caused by failing to follow the User's Manual.
- Paint, finish and decal damage resulting from taking part in competitions, jumping, downhill and/or training for such activities or events or as a result of exposing the product to, or operating the product in, severe conditions or climates.
- Labor charges for part replacement or changeover.

Except as is provided by this warranty and subject to all additional warranties, Giant and its employees and agents shall not be liable for any loss or damage whatsoever (including incidental and consequential loss or damage caused by negligence or default) arising from or concerning any Giant product.

Giant makes no other warranties, express or implied. All implied warranties, including the warranties of merchantability and fitness for a particular purpose are limited in duration to that of the express warranties stated above.

Any claim against this warranty must be made through an Authorized Giant Dealer or distributor. The purchase receipt or other proof of the date of purchase is required before a warranty claim may be processed.

Claims made outside the country of purchase may be subject to fees and additional restrictions. Warranty duration and details may differ by country. This warranty gives you specific legal rights, and you may also have other rights which may vary from place to place. **THIS WARRANTY DOES NOT AFFECT YOUR STATUTORY RIGHTS.**

APPENDIX A: BASIC OPERATION OF GIANT NEOSTRACK COMPUTER

1. BACK / STOP

- Press to return to the previous page or cancel an operation.
- When recording, press to pause recording. Press it again to stop recording.

2. OK / LAP

- In Menu, press to enter or confirm a selection.
- In free cycling, press to start recording.
- When recording, press to mark the lap.

3. ON OR OFF / BACKLIGHT

- Press to turn the device on.
- Press and hold to turn the device off.
- Press to turn on/off backlight.

4. DOWN / MENU

- In Menu, press to move down to scroll through menu options.
- In meter view, press to switch meter screen page.
- In free cycling mode, long press to return to Main Menu.
- When recording, long press to enter into Shortcut Menu.

5. UP

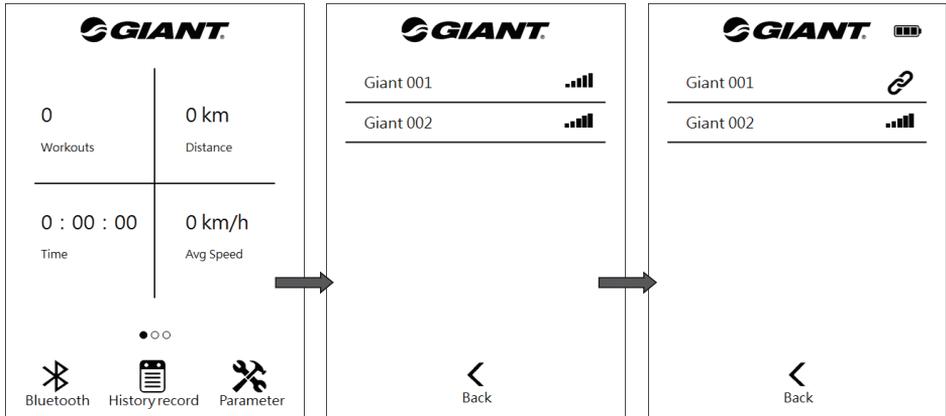
- In Menu, press to move up to scroll through menu options.
- In Meter view, press to switch meter screen page.



! CAUTION: Please check the user manual of NeosTrack for more information.

APPENDIX B: THE PAIRING PROCEDURES WITH SMARTPHONE APP

1. Turn on the Bluetooth Smart function. Press  to start scanning.
 2. Device ID appears.
 3. Choose device to pair,  appears, pairing is finished.
- * Please check if the smartphone supports Bluetooth Smart function (BLE 4.0)



APPENDIX C: CALIBRATION PROCEDURES WITH SMARTPHONE APP

1. Press  to enter Parameter page
2. Press "Calibration"
3. Press "Offset"
4. Calibration completed

