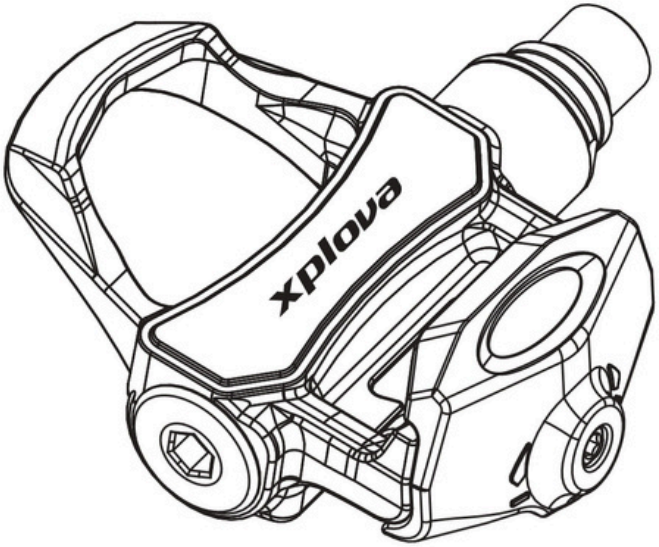
xplova
an Acer Group Company



NOZA PI

POWER PEDAL

CR2032 | DUAL SIDE | ANT+& BLE | IPX7

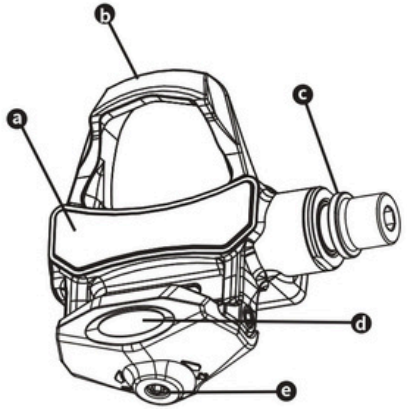
User Manual
用戶手冊

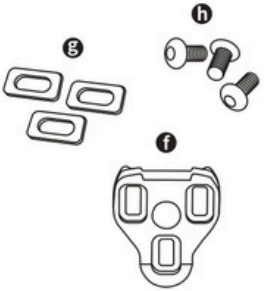
POWER BEYOND YOUR RIDE!

EN

Package contents

a. Pedal Body
b. Front Binding (fixed)
c. Axle
d. Rear Binding (adjustable)
e. Tension Adjuster
f. Cleats x 2
g. Cleat washers x 6
h. M5 Cleat bolts x6





Specifications

	Product detail
Operating Temperature	0°C ~ 40°C
Storage Temperature	0°C ~ 40°C
Weight	211.5g/ pc including battery
Size	96.9mm x 93.4mm x 44mm
Battery type	CR2032 3V (1pc for each pedal) NOTE: Please change the battery on both side pedal at the same time.
Durability	Up to 100 hours
Water Resistance	IPX7
Wireless protocols	Bluetooth 4.0 / ANT+
Product of origin	Made in Taiwan

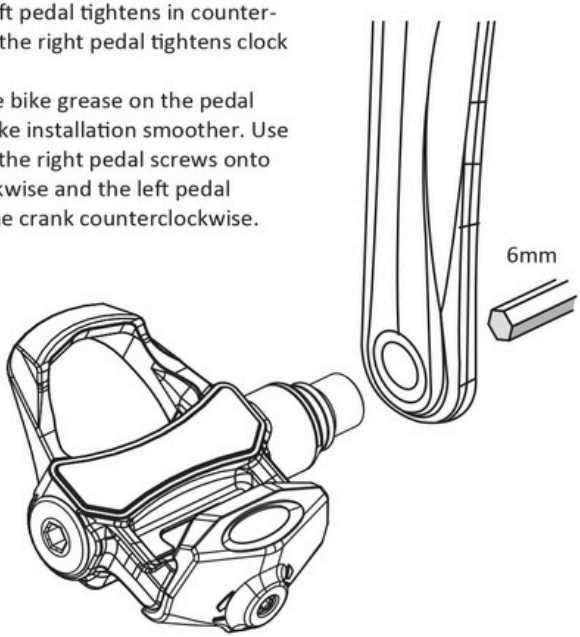
Tools required

3mm Allen Key, 4mm Allen Key, 6mm Allen key.

Pedal installation

Noted: Please see the instruction and install your pedal properly to avoid damage. The Left pedal is marked with the letter “L” and the right pedal with the letter “R”. It is important step to identify the proper pedal because the left pedal tightens in counter-clockwise and the right pedal tightens clock wise.

By using a little bike grease on the pedal arm, it can make installation smoother. Use the 5mm hex, the right pedal screws onto the crank clockwise and the left pedal screws onto the crank counterclockwise.



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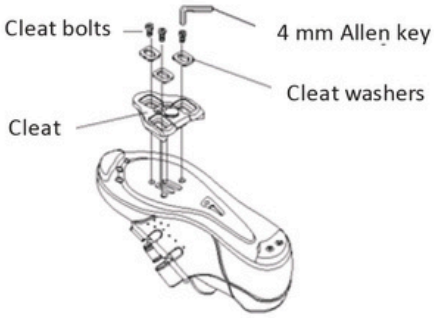
Cleat Installation

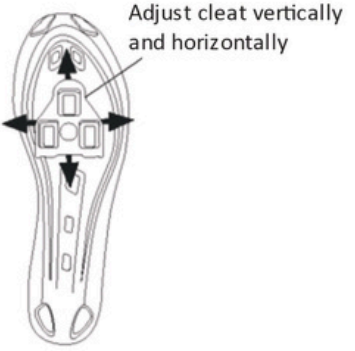
Left and right cleats are identical –please align the pointed end with the direction of the toe.

1. Lightly lubricate cleat bolt threads with oil.

2. Using the 4mm Allen key attach cleat bolts and cleat washers loosely to shoe soles. The lateral center line of the cleat should be aligned with the center of the ball of the shoe sole. Adjust vertically via slots in shoe sole. Adjust horizontally via play between cleat washer and cleat.

3. Tighten cleats very firmly, but avoid excessive force. Tightening torque: Max 15 Nm. Cleat position can be fine-tuned to preference after trial rides. It may take some time to find your optimum cleat set-up.



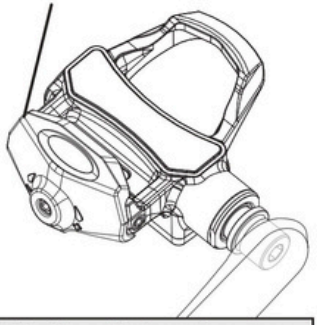


Tightening torque:
Max 15 Nm

Pedal adjustment and shoe/pedal use

Depending on the model of your pedals, the tension adjuster is located on the rear binding, or on the top of the pedal body. To adjust rear binding tension, use a 3mm Allen key to turn tension adjuster.

Adjustable rear binding tension



Binding adjustment range : Max 15 Nm

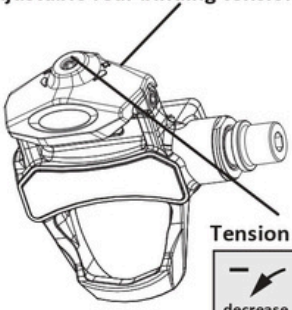
1. Increase tension in a clockwise direction (+) (for a more secure shoe/pedal bind, but more difficult engagement and disengagement).

2. Decrease tension in a counter-clockwise direction (-) (for less secure shoe/pedal bind but easier engagement and disengagement).

Engage cleat shoes in pedals by aligning the cleat between front and rear binding while pushing down. Disengage by twisting heel outwards (away from bicycle).

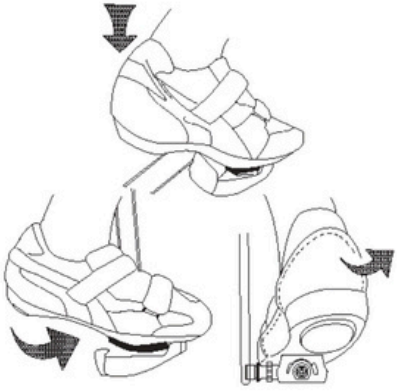
Do not over-tighten or over-loosen tension adjustor (over-tighten may damage thread, and bolt may fall out if too loose).

Adjustable rear binding tension



Tension adjuster

3mm Allen key



Pedal Status LED

LED Activity	Status
Blue light flashes	Both pedals are waking up.
Alternating blue and green flash	Left pedal is pairing to right pedal.
Blue flashes every seconds	Left pedal is detecting right pedal.
Blue light flashes twice every second (total 5 times)	Zero reset (calibration) is successful.
Blue light flashes once every second (total 5 times)	Crank setting is successful.
Blue light a long time	Hardware issue
Green flashes every seconds	Left pedal is connecting with right pedal
Red light flashes three times in every 5 seconds	Pedals are in low batteries.
Red light a long time	Hardware issue
Alternating red and blue flashes	Hardware issue
Green on left pedal Blue on right pedal	Left pedal is not pair to right pedal

Pairing

Pedal will need to be paired one side at a time. It does not matter which side paired first.
The pedal includes BLE and ANT+ protocols, pair the pedal to any device using either of these protocols.

1. The distance of the bike computer and the sensor can't exceed 3m.

2. Activate your bike computer and entering SETTING to pair with power pedals.

3. Turn the crank a few turns and it will automatically pair with your bike computer.
   Pedal will atomically switch on by turning the pedal or starting a ride with

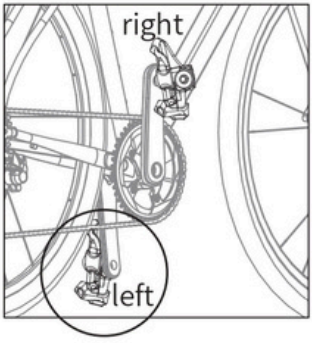
Calibration

It is essential to conduct a zero-offset procedure upon initial use or following the detachment of the device to ensure the acquisition of precise data.

While zero-offset need not be performed before each ride, it is advisable to execute the zero-offset calibration periodically.

Please see the following steps for zero reset of power pedal:

1. Spin the cranks backwards a few times to wake up the power meter.
2. In order to have the calibration successful, please make sure both power pedal connect successfully each other with green flashing light displaying on the left pedal.
3. Position the cranks should be as vertical as possible to the ground (the left pedal must to at 6 o'clock and the right one at 12 o'clock.) for accurate calibration.
4. Download our APP, find the calibration page and select Calibrate.
5. You should receive the message saying "Calibration Successful."

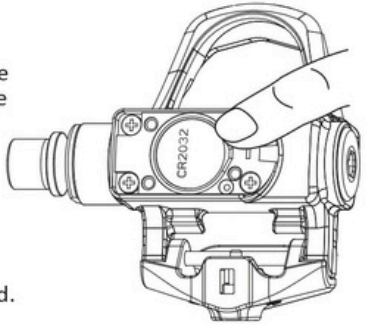


Battery

CR2032x1 (one side)

1. Use a phillips screwdriver to remove the battery cover.
2. Gently press the edge of the battery on the outside of the pedal to remove and recycle the battery.
3. Wait 5 to 10 seconds.
4. Insert new battery into the power meter in clean/dry environment.
5. Replace battery cover and do not overwind.

NOTE: Do not damage or lose the O-ring gasket.



Caution

- External interference may be caused by other electronic devices, such as nearby televisions, stereos, speakers, wires and cables, etc. If you experience interference in power pedal, try moving your pedal away from the area of potential radio interference. Relocate the pedal away from any devices that may interfere with RF signals, such as DVD players or televisions.
- Make sure to keep the pedal clean and clear of any dirt or dust.
- Don't use sharp objects to clean the device, as they can harm it.
- Steer clear of using strong chemicals, solvents, or bug sprays because they can harm the plastic parts and the device's finish.
- Don't dunk the pedal in water or use high-pressure water to clean them. Avoid storing the device in places with really hot or really cold temperatures for a long time, as it can cause permanent damage.

Troubleshooting

Q1. Power pedal LED not flashing after install battery?

- Check your battery whether it has enough power;
  Reinstall the battery on the Power pedal. If the blue light flashing means correctly start functioning.

Q2. When the power data is not stable

- Ensure the pedals are installed correctly. Incorrect installation can lead to power measurement discrepancies.
- Make sure your first calibration the left crank is toward 6 o'clock direction and right crank is toward 12 o'clock direction.
- Check if the pedal sensors are clean and positioned correctly on the crank arms. Dirt or misalignment can impact accuracy.
- Crank-Arm Length Consideration: It's important to note that the length of your crank-arm directly impacts the calculation of power. Utilizing an incorrect crank-arm measurement can result in inaccurate power readings. For guidance on adjusting your crank-arm length, please refer to your bike computer's manual. If your bike computer does not offer this feature, you can easily configure it through app.
- Double-Check Your Saddle Height: Verify that your saddle height is correctly adjusted to your regular riding position. Proper saddle height is crucial to release the right force point with ensuring the accuracy of the power readings.

Q3. When the hardware issued lights appear, such as, red and blue light all the time or alternating of red and blue light.

- Try to remove the battery and insert it after one minute.

Q4. When encountering the failing calibration or no working after the calibration.

- Please check the if both pedals are woke up with blue fleshing light before

Precautions

To keep the pedals in good condition, do not approach to the strong magnets which mean if the pedals are close to the strong magnets, they may perform the atypical data. Avoid soaking the pedals in water or use the high pressure squirt to clean up the pedals. Also, some hazardous substance will cause damage to the pedals like toxic solvents. Please make sure the pedals are under normal use usage.

Warranty

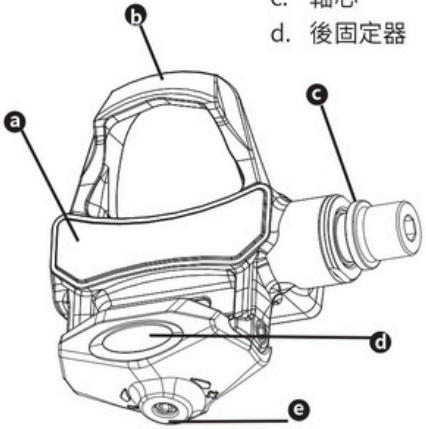
During the warranty period, under the normal use and mantainance, the Xplova pedal will be free from physical defects in material and workmanship. We provide limited warranty only to the person or entity that originally purchased the product from our authorized dealer or its authorized distributor or retailer. Warranty period may differ regionally; please kindly check with the retailer at the time of purchase.
Warranty does not apply, if

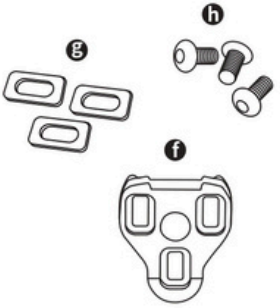
- The warranty period is expired.
- Normal wear and tear.
- Unauthorized alternation to or change of parts or components of the product.
- Damage, malfunctions, or abnormalities caused by human factors, force majeure, accident, misuse of the product, improper maintenance, improper assembly, or failure to follow the instructions or warnings in the user manual.

The warranty stated herein explicitly replaces any other warranties, including but not limited to implied warranty of merchantability and/or fitness for a particular purpose. In no event shall we be liable for any direct, indirect, incidental, consequential or special damages, arising from or related to the use of this manual or the product described herein.

內容物

a. 功率踏板本體
b. 前固定器
c. 軸心
d. 後固定器
e. 張力調節器
f. 扣片 x 2
g. 扣片墊片 x 6
h. M5 扣片螺栓 x 6





規格

	產品資訊
運作溫度	-10°C 至 50°C
儲存溫度	-10°C 至 50°C
重量	211.5克/個 含電池
尺寸	96.9mm×93.4mm×44mm
電池種類	CR2032 3V (每個踏板1個) 注意: 請同時更換左右踏板的電池。
運作時間	100小時以上
耐水性	IPX7
無線協定	藍牙 4.0 / ANT+
產地	台灣

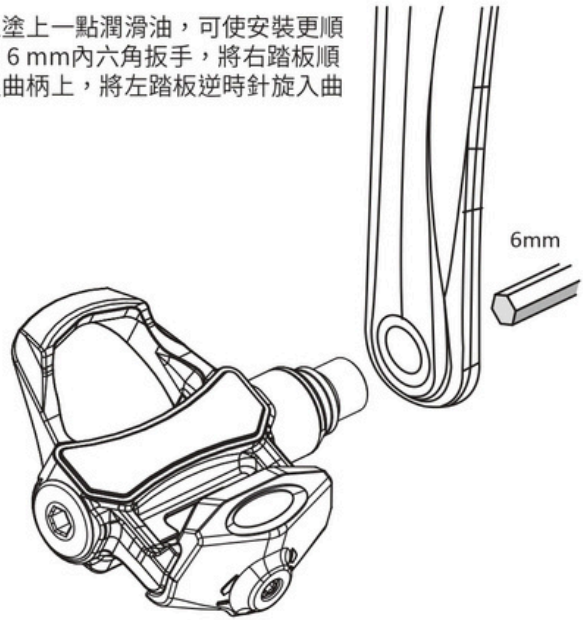
所需工具

3mm內六角扳手，4mm內六角扳手，6mm內六角扳手。

安裝踏板

注意：請參閱說明並正確安裝踏板以避免損壞。左踏板標有字母“L”，右踏板標有字母“R”。正確安裝踏板是重要的一步，請將左踏板逆時針轉緊，右踏板順時針轉緊。

在曲柄上塗上一點潤滑油，可使安裝更順利。使用 6 mm內六角扳手，將右踏板順時針旋入曲柄上，將左踏板逆時針旋入曲柄上。



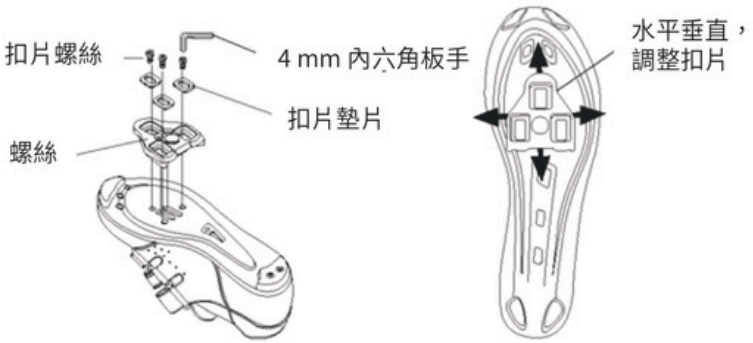
安裝扣片

左右扣片是相同的－請將尖端朝向鞋頭。

1.用潤滑油輕輕潤滑扣片螺栓螺紋。

2. 使用 4 mm內六角扳手將扣片螺栓和扣片墊片固定在鞋底上。扣片的橫向中心線應與卡鞋底的中心對齊。透過卡鞋底上的溝槽垂直調整。透過扣片墊片和扣片之間的間隙進行水平調整。

3. 擰緊扣片，但避免用力過大，鎖緊扭力請勿超過15Nm。 扣片位置可在試騎後依喜好微調。可能需要一些時間才能找到最佳的扣片設定。

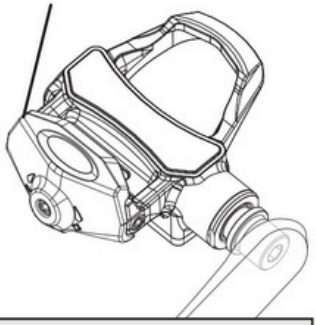


鎖緊扭力請勿超過15Nm。

踏板調整和使用

張力調節器位於後固定器上或踏板體的頂部。若要調整後固定器張力，請使用 3mm 內六角扳手轉動張力調節器。

可調式後方張力



鎖緊扭力請勿超過15Nm。

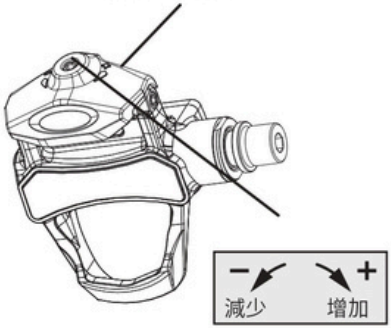
1. 沿順時針方向 (+) 增加張力（使卡鞋/踏板結合更牢固，故將增加結合和脫離的難度）。

2. 沿著逆時針方向 (-) 減少張力（降低卡鞋/踏板的固定強度，故較容易結合和脫離）。

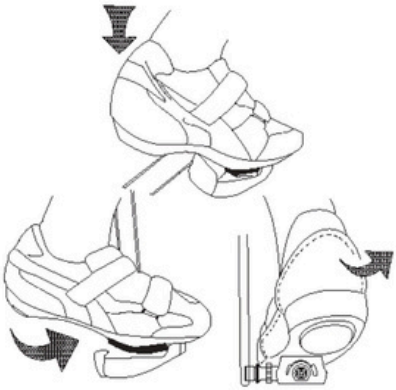
卡鞋與踏板結合時，將前、後固定器之間的扣片對齊，使扣片結合到踏板中。欲將卡鞋與踏板分離時，向外扭轉腳跟（遠離自行車）即可脫離。

請勿將張力調節器擰得太緊或過鬆（過緊可能損壞螺紋，過鬆可能導致螺栓脫落）。

可調式後方張力



3 mm 內六角板手



踏板狀態 LED

LED 燈號	狀態
藍燈閃爍	左踏板與右踏板皆被喚醒。
藍燈和綠燈交替閃爍	左踏板與右踏板配對。
藍燈每秒閃爍一次	左踏板正在偵測右踏板。
藍燈每秒閃爍兩次（共5次）	校正成功。
藍燈每秒閃爍一次（共5次）	曲柄設定成功。
藍燈恆亮	硬體問題，請參考故障排除。
綠燈每秒閃爍一次	左踏板與右踏板連接。
紅燈每5秒閃爍3次	踏板電量低。
紅燈恆亮	硬體問題，請參考故障排除。
紅燈和藍燈交替閃爍	硬體問題，請參考故障排除。
左踏板藍燈閃爍 右踏板綠燈閃爍	左踏板未配對到右踏板。

配對

踏板一次配對一邊。
踏板包含 BLE 和 ANT+ 協議，可將踏板與使用這些協議的任何裝置配對。

1. 與自行車車錶配對時，距離請勿超過3m。

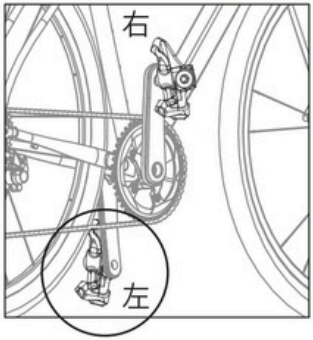
2. 開啟自行車錶並進入設定模式 -> 設定感應器 。

3. 轉動曲柄幾圈，功率踏板將自動與您的自行車錶配對。
   透過轉動踏板或開始騎行，功率踏板將自動開始運作。
   轉動踏板或開始騎行後，踏板將自動開機並閃爍藍光。

校正

首次安裝或拆卸後再安裝踏板須執行校正歸零，以確保偵測到準確功率值。

您不需要在每次騎乘前都進行校正歸零；偶爾進行校正歸零以確保其準確性即可。



功率踏板校正歸零請參考以下步驟：

1. 向後旋轉曲柄幾次以喚醒功率計。

2. 請確保兩個功率踏板已成功連接，左踏板上指示燈應顯示綠色閃爍。

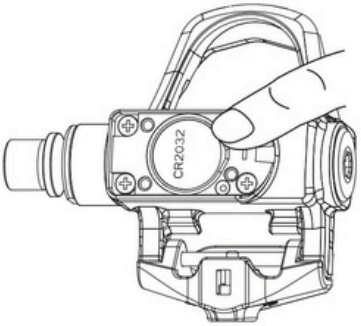
3. 曲柄的位置應盡可能垂直於地面（左踏板須位於 6 點鐘位置，右踏板須位於 12 點鐘位置），以便精確校正。

4. 下載我們的APP找到校準頁面並選擇"校正"。

5. 如確實完成校正，您應該會收到「校正成功」的訊息。

電池

CR2032 x 1 (任一邊)



1. 使用十字起子工具拆下電池蓋。

2. 輕壓踏板外側電池邊緣，即可取出電池並回收。

3. 等待 5 到 10 秒。

4. 在清潔/乾燥的環境中將新CR2023放入踏板中。

5. 蓋上電池蓋，不要過度轉緊螺絲。

注意：請勿損壞或遺失 O 型墊圈。

警告

其他電子設備可能引起外部干擾，例如附近的電視、音響、揚聲器、電線和電纜等。如果您的功率踏板遇到干擾，請嘗試將其移離潛在無線電訊號干擾的區域。

- 請確保零件保持清潔，無污垢或灰塵。
- 請勿使用鋒利的物品清潔設備，否則可能會損壞設備。
- 請勿使用烈性化學物質、溶劑或殺蟲劑，造成塑膠零件和設備的表面損壞。
- 請勿將產品浸入水中或使用高壓水槍清洗。
- 避免將設備長時間存放在溫度過熱或過冷的地方，否則可能會損壞設備。

故障排除

Q1. 旋轉踏板後 LED 無亮燈顯示?

- 檢查電池電量是否足夠；
- 將電池重新安裝到功率踏板上，藍燈閃爍表示正常運作。

Q2. 當功率數據不穩定時

- 確保踏板安裝過程正確。不正確的安裝可能會導致功率測量差異。
- 每次校準踏板時，請確保左曲柄向下朝6 點鐘方向，右曲柄向上朝 12 點鐘方向。
- 檢查曲柄上踏板是否清潔乾淨且安裝正確。污垢或未對準踏板位置會影響其準確性。
- 注意曲柄長度：曲柄長度直接影響功率的計算。使用不正確的曲柄長度可能會導致功率數據不準確。有關設定功率踏板中曲柄長度的方式，請參閱自行車碼表手冊。 如果您的自行車碼表不提供此功能，您可以透過我們的應用程式輕鬆設定它。
- 仔細檢查您的車座高度：確認您的車座高度已正確調整到您的常規騎乘位置。正確的車座高度對於釋放正確的力點並確保功率數據的準確性至關重要。

Q3. 當硬體故障燈出現時，其紅藍燈會恆亮或紅藍燈交替閃爍

• 嘗試取出電池並在一分鐘後將其放入。

Q4. 當遇到校準失敗或校準後不工作時

• 請在校準前檢查兩個踏板是否有藍色光喚醒。

注意事項

為了保持功率踏板處於良好狀態，請勿接近強力磁鐵，這意味著如果踏板靠近強磁鐵，它們可能會異常運作。
避免將踏板浸入水中或使用高壓水槍清潔踏板。此外，一些有害物質也會對踏板造成損壞，例如有毒溶劑。請確保踏板處於正常使用狀態。

保固

在保固期內，在正常使用和維修的情況下，我們針對產品本身生產製造所致的瑕疵負有限保固責任。
我們僅向最初從本公司授權經銷商或其授權分銷商或零售商購買產品的個人或實體提供有限保固。
保固年限因銷售國家及地區、產品差別而異。
購買時請您與店家洽詢。

於以下情況不提供保固：

• 保固期已過。

• 正常磨損。

• 未經授權擅自改動或改變產品的零件。

• 人為因素、不可抗力因素、事故、產品誤用、維護、組裝不當、未遵循使用手冊中的說明或警告而造成的損壞、故障或異常。

本文所包含的保證明確取代任何其他保證，包括但不限於適銷性和/或適用性的默示保證。 在任何情況下，本公司均不對因使用本手冊或本手冊所述產品而引起或與之相關的任何直接、間接或偶然、後果性或特殊損失承擔責任。

Certification	Test Item
CE_認證系列	EN301489-1 / 301489-17
	EN300328
	EN 62479
	EN 62368-1
FCC_認證系列	PART 15B
	P15C
	MPE-47 CFR Part S2.1093

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit www.acer-group.com/public/Sustainability