# User Manual

A4WP Wireless Charger Kit



RRATTAN®

A4WP: Alliance for Wireless Powe PTU: Power Transmitter Unit PRU: Power Receiver Unit

# 1. Packing List

• PTU \*1PC PRU \*1SET (including two pieces: a protective transparen AC Adapter\*1PC



Sheet 1: Basic Function		
PTU	PRU	
Input Voltage: DC 12V Input Current: 2.0A Max Frequency: 6.78MHz±15KHz	Output Voltage: DC 4.75-5.25' Output Current: 0-1A Output Power: 5W (MAX)	
Function: Over current, over voltage and over temperature protection		

### Parts Standby Charging In Error Power off Blue Red No Light White Green No Light No Light

### 3. Certification List

o. Oertinoation List				
Sheet 3: Passed Certification				
Market	Types	Notes		
A4WP	A4WP	A4WP certification		
Apple Inc.	MFi	MFi certification test using Apple Lightning connector (PPID:101597-0270)		
uropean Market	FCC	FCC regulatory certifications		
merican Market	CE	PRU FCC ID: 2ADB4-FF05-05DA PTU FCC ID: 2ADB4-FF05-05DB		
nina Local Market	SRRC	China State Radio Regulation		
na Taiwan Market	BSMI	China Taiwan market regulatory approval		
iia iaiwail Market	NCC			
AC Adapter	UL	Safety certifications for AC adapter		

### 4. User Guide

- For your safety and a satisfactory user experience, please read the following carefully before using the product:

  a. Do not put the PTU on a metal or ESD (electrostatic discharge material)
- surface during use.
  b. Avoid placing metal or other conductive material near the PTU (at distance no less than 6 inches). c. Power supplied to the PTU by the AC wall outlet must be 90V-264V/47-63Hz.
- Humidity 10%~75%RH e. Rattan PRU is designed specifically for use with iPhone 6. Do not place the PRU itself on a PTU without the phone. The PRU can be used with any other A4WP certified PTU, but it is strongly recommended that you use it with Rattar

d. Recommended operational environment: Temperature 0~35°C,

f. Rattan PTU is meant to be placed on top of a flat non-metal surface such as a desk) with the PRU and the phone placed directly on top of the PTU. This PTU is not designed to be used under the table. This PTU can be used to charge any other A4WP certified category 1-3 devices including phon g. To comply with RF exposure requirements the charging mat must be used on a table top or similar and provide a minimum separation distance of 20cm

### 5. Quick Start Instructions

Step 1:Connect the AC adapter to the PTU; then plug the adapter into an AC power outlet. The PTU LED light should turn white, indicating ready to charge. The PTU can be laid flat or up at an angle using the pull-out stand at the back. Plug Seat





Step 4:Put the PRU within the PTU charging area in a vertical orientation. The PTU LED light should turn blue and the PRU LED light should turn green when charging starts.If one of the lights is not shown correctly, try picking up the phone and placing it in the enter of the charging area again. If the problem persists, pleas



Step 5:Put the PTU on a table top or similar and provide a eparation distance of 20 cm from the charging surface to you.

### 6. Troubleshooting Guide

- 6.1. Why is the phone not charging?
- Answer: The PTU LED should be blue and the PRU LED should be green when charging is working normally. (Note that the light will still be on when the battery is fully charged.So the iOS charging indicator on the iPhone is the most accurate indicator of whether charging is indeed
- happening.)
  If the iOS charging indicator is on but the PTU or PRU LED light are not showing that, it is possible that PTU or PRU LED light is
- If charging is not working properly, first try to remove the PRU from If charging is not working properly, first try to remove the PRU from the PTU surface and then put it back in the charging area again.

  If it is still not working, check if the PTU surface is hot. If it is not hot, disconnect the AC adapter from the wall outlet for about 10 seconds and then reconnect again. If the PTU surface is hot, please disconnect the AC adapter from the PTU for approximately 30minutes to allow it to cool down before trying again. When the PTU temperature is too high, it will shut down power transmitting via the built-in over temperature protection feature.
- 6.2. Other things to double check
- a. Check that the phone is iPhone 6 as this model PRU is meant only for use with iPhone 6.
   b. Check that both the PRU and PTU have an A4WP certification logo and support iPhone 6. It is best to use the Rattan PRU and Rattan PTU
- c. Check the PRU, PTU and AC adapter to see if there is any sign of
- d. If you still have trouble after trying or checking all of the above, please take the product to a repair center for help. Do not open the product and try to repair it by yourself.
- 7. Storage Instruction If you do not plan to use the product for a long time, it is suggested that you put the PRU, PTU and AC adapter back in the box, and keep the box in a dry and well ventilated place with normal temperature (0~35°C) and humidity (10%~75%RH). Extreme temperature (too high
- or too low ) may shorten the product life and increase the risk of damaging the product.

### Handle the product with care. Dropping the product components

Use a dry and clean soft cloth to clean the product surfaces.

Keep the products away from children, our products are not

8.1 Do not disassemble and attempt to repair or replace any part of PTU, PRU or adapter. Don't attempt to charge by any method other than described in the instructions. If not, it may result in product damaged and manufacturer is not responsible



Wireless charging Magnetic Field Present May have effect on medical implant wearers



During PTU operation the PTU temperature is higher; do not block the ventilation holes and do not touch the surface directly as there is a risk of



Keep NFC Tags, DVDs and CDs off charging

9.Industry Notice to Users Model: PTU FF05-05DB,PRU FF05-05DA

This device complies with part 15 and Part 18 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.

Foxconn Interconnect technology Inc. 1688 Richard Avenue, Santa Clara, CA 95050 Modifications made to this device, unless expressly approved by Foxconn Interconnect technology Inc., may void the user's rights to operate this equipment.

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 undested operation.

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 inferience in a resident protection against harmful inferience in a resident installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may ca 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 urning the equipment off and on, the user is encouraged to try to correct the

responsible for compliance could void the user's authority to operate this

Radiation Exposure Statement:

between the radiator & your body.

反面

# A4WP無線充電套裝

PTU&PRU套裝使用手冊



## **R**RATTAN®

PTU: Power Transmitter Unit (電源發射端) PRU: Power Receiver Unit (電源接收端)

A4WP: Alliance for Wireless Power (無線充電聯盟)

•發射端1個 •接收端一套兩件(包含配套透明保護殼1個,接收器一個) • 電源適配器1個

1. 包裝清單



發射端

接收端 輸出電壓: DC 4.75-5.25V 輸入電壓: DC 12V 輸入電流: 2.0A Max 工作頻率: 6.78MHz±15KHz 最大輸出功率: 5W(MAX) 保護功能:過流保護、過壓保護,過溫保護

表2:指示燈顯示說明 部件 待機狀態 充電中 異常 連接中斷 
 發射端
 白色燈
 藍色
 紅色
 燈不亮

 接收端
 /
 綠色
 燈不亮
 燈不亮
 3. 認證清單

from the charging surface to users.

市場要求 認證類型 無線充電聯盟 A4WP 通過A4WP無線充電技術官方測試認證 使用蘋果授權正版閃電接頭,並通過 蘋果指定實驗室相關認證測試 通過歐美市場針對該類產品銷售所需 滿足的技術,安全,等方面的測試認證 歐美市場 PRU FCC ID: 2ADB4-FF05-05DA PTU FCC ID: 2ADB4-FF05-05DB 通過中國大陸市場針對該類產品銷售 中國大陸 所需滿足的技術,安全,等方面的測試認 四級中國台灣市場針對該類產品销售 所需滿足的技術,安全,等方面的測試認 證 中國台灣 UL 通過目前市場針對電源通配器銷售使用所需滿足的安全,技術,等方面的測試認證 電源適配器

爲了更安全更滿意的使用體驗,請在使用產品前認真閱讀以下事項: . 發射端不建議放在金屬平面上或靜電放電墊上使用: 發射端周圍6英寸(約15釐米)範圍內避免放置任何金屬或者導電物體; c. 發射端電源適配器輸入電源電壓必須在90V-264V之間,頻率在 47-63Hz之間:

d. 良好的使用環境,能夠確保我們的產品保持良好的使用狀態。建議您的使用環境温度:0-35°C. 温度:10%-75%H(保存環境採用相同方式);e. 本款產品接收端是專為iPhone 6 使用設計,必須套在iPhone 6 後才能放在 PTU上使用。本款接收端可以搭配其他具備A4WP認證標誌的發射端使用,但是建 議您使用原裝 RATTAN 對應型號的發射端使用,以獲得最佳充電效果; f. 本款產品發射端只適合在 金屬的桌面上使用, 不適合安裝在桌面下發射 可以搭配其他具備A4WP認證標誌的category 1-3接收端使用,但是建議您使用原 裝RATTAN 對應型號的接收端使用,以獲得最佳充電效果。 8、爲了符合射頻要求,充電設備需放置在桌子表面或相類似位置,並且使用者需 與充電表面保持至少20釐米的距離。

步驟一: 將PTU連接電源適配器, 然後另一端連接牆牆插座, PTU處於



步驟二:將iPhone 6 按圖示裝入透明保護殼



步驟三:將手機卡入接收器,卡入過程中閃電介面要確保對準手機介面,並確保最終閃電介面充分插入手機介面;



步驟四,將手機豎立平放於PTU充電區域內,接收器的顯示燈綠燈亮起,發射鴻的顯示燈藍燈亮起,即手機開始充電: 如果有問題,把手機提起再重新放置PTU充電區域內通常可以解決問題; 如果還有問題,請看"常見問題解決指南"



步驟五:把PTU放置在桌子表面或類似的平面,並在充電過程中與之保持20釐米左右距離。

### 6. 常見問題解決指南

using it again.

- 6.1. 為什麼手機不能充電呢? 答:確認正常充電情況下,發射端指示燈應該顯示藍色,並且同時
- 接收端指示燈應該顯示綠色; 如果不是這種情況,檢查手機實際的充電狀態,如果實際處於充電 狀態,可能為指示燈損壞; 四、 可能何項の必須塚; 如果確實未在充電狀態,可嘗試將接收端從發射端表面拿開再重新
- 如果條實不在充電狀態,可嘗試將接收端從發射端表面掌閉再重射 放回到充電柱哪墊區; 如果問題依然存在,注意發射端表面如果發燙,建議斷閉電源休息 30分鐘左右,等表面温度恢復常温后,再次連接使用; 本產品具有過溫保護設計,當環境溫度超過30攝氏度且長時間使用 時,本產品可能會自動進入過溫保護模式; 如果發射端表面溫度正常,請嘗試拔掉發射端電源10秒后再重新 連接電源。
- 6.2. 其他情況:
- a. 首先確認您的手機是蘋果正版 i Phone 6, 我們本款接收端只能搭配 b. 確認您使用的接收端和發射端是帶有A4MP認證標示,並且支持 iPhone 6 手機使用;最好是使用我們RATTAN品牌原產PRU和PTU以避免匹配
- c. 確認產品所有部件是否存在破損現象, 一些破損有可能會造成
- 無法正常工作,建議您更換或者到正規維修中心進行維修後再使用: d. 如果以上都不能解決你的問題,建議您將本產品送到維修中心做 專業確認,千萬不要嘗試自行拆解維修。

## 7. 產品保養與維護

- 如果您長時間不使用本產品,建議您收起發射端背面支架,將產品放回包裝盒,存放於通風乾燥的地方,注意防濕防潮; 常溫存放(0-35°C, 濕度10%-75%RH); 過高或者過低的溫度會縮短我們的產品的使用壽命,甚至對產品造成損壞;
- 如果發現產品不幸受潮了,記得一定要在使用前徹底乾燥。 請輕拿輕放,不要隨意抛扔,避免造成不必要的損壞。 請使用乾燥清潔的軟布擦拭產品表面。
- 請不要將本產品當成玩具給孩子玩耍,注意存放于孩子拿不到的地方 以免造成不必要的傷害。

# 8. 免責條款

- 8.1. 嚴謹自行拆解維修更換產品零部件,或者嘗試使用本說明書未提示 的使用方法充電,可能會造成產品故障,並且生產廠商將不承擔任何責
- 本產品使用中會產生的磁場會對一些醫學植入物 (比如說心臟起搏器)產生幹擾,請注意必須遠離。
- 3. 無線充電區域表面使用中嚴禁擺放金屬或者導電物質 嚴禁傾倒液體,否則可能會引起火災,觸電危險。
- 發射端在工作中溫度較高,請不要直接接觸發射端, 4. **《** 嚴禁用物品 發射端散熱孔,否則可能會對人體 造成燙傷或者引起火災。
- .5. 智能卡、DVD、CD類物品勿放置或靠近充電區域表面, 否則會造成這些物品無法正常使用。

# 低功率電波輻射性電機管理辦法

- 第十二條 經型式認證合格之低功率射頻電機, 經許可,公司、 商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性 及功能。
- 第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信; 經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續使用。 前項合法通信,指依電信法规定作業之無線電通信。 低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性 電機設備之干擾。