

RR1 WURKS

DIGITAL - 3

WIFI ADAPTOR TELEMETRY USER MANUAL

Thanks for purchasing R1 WURKS WIFI ADAPTOR TELEMETRY. Please carefully read this instruction manual before using this unit.

1. Introduction

This R1 WURKS WIFI ADAPTOR TELEMETRY is connected to ESC and smart device like android, i-phone, tablet pc and program can be set with wireless system. You can also check actual racing data in real time, and racing information up to 50 minutes can be stored so that users can easily find and know the character of the driving.

2. Specifications

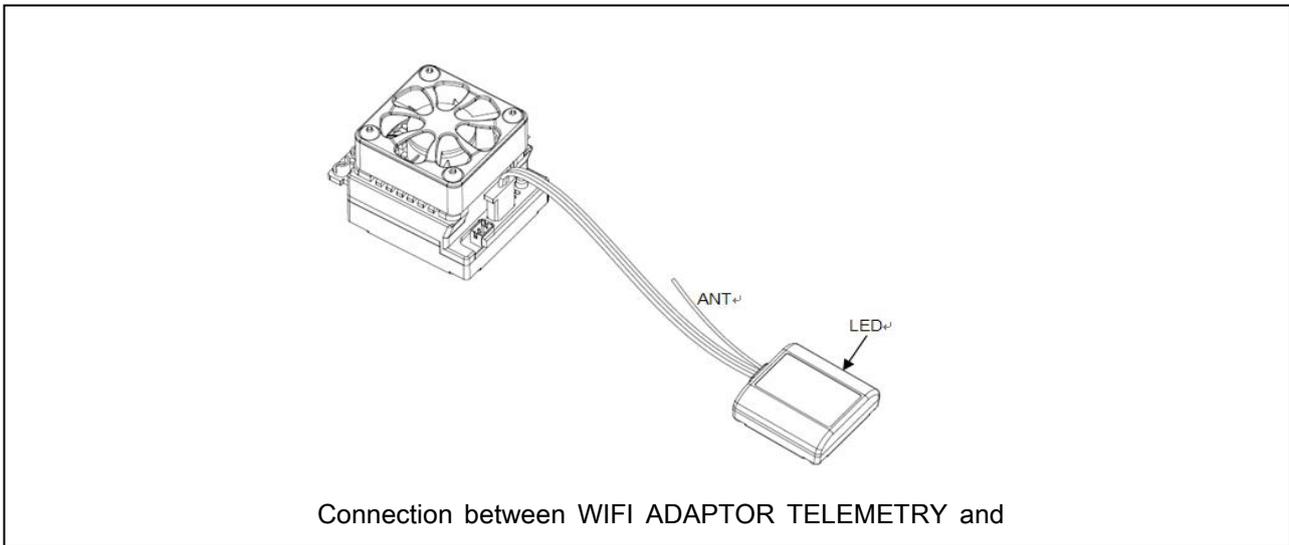
- Operating voltage: 5~7.4V
- WiFi protocol: IEEE 802.11/b/g/n
- WiFi valid signal range: (0~10m, depending RF status)
- Size: 25 x 25 x 9 mm (L x W x H)
- Weight: 7g
- WiFi SSID: R1WURKS_XXXX (MAC Address 4 digits)
- WiFi Password: 1234567890

3. Features

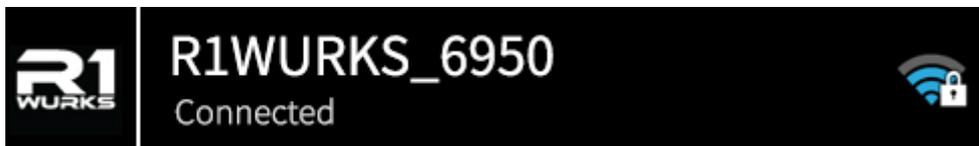
- Wireless Programming: Easy to set ESC program such as Power Curve, Brake, Turbo/Boost timing, etc via smart device.
- Live function: Easy to check real driving data such as RPM/Voltage/Current/Consumed battery via Live
- Log View / Stopwatch: This is to store driving data for max 50min, and user can store/recall then see the driving performance.
- Wireless Firmware Update: User can easily update ESC/ R1 WURKS WIFI ADAPTOR TELEMETRY via smart device.
- WiFi is On and Off according to monitor operation to minimize interference to a receiver.

4. User Guide

- How to connect WIFI ADAPTOR TELEMETRY
- Download R1 WURKS DIGITAL-3 ESC app then install.
- Like figure below, the signal of connection location for WIFI ADAPTOR TELEMETRY and ESC setting should be connected with 3 pins white band of WiFi.
- Connect the ESC to Power then switches on the ESC. Once WiFi works, the Yellow LED on the WIFI ADAPTOR TELEMETRY should flash. Then, refer to "WIFI ADAPTOR TELEMETRY – Setup item"
- To minimize the impact of WiFi to a receiver, WiFi module should be placed far from an antenna on a receiver.



5. WIFI ADAPTOR TELEMETRY SETTING



< WIFI ADAPTOR TELEMETRY application and connected WiFi ID >

- R1WURKS_XXXX is individual WiFi module ID, and it can vary depending on products. Choose the detected R1WURKS_XXXX WiFi.
- Switch on "WiFi" setting in a smart phone.
- Then, choose R1WURKS_(XXXX) at WiFi, then password box appears.
- Initial WiFi password is 1234567890. Insert the password then check WiFi connection.
- Once it is connected, click on "R1 WURKS DIGITAL-3" APP in a smart phone. Once APP start screen is pressed, it should move into a main screen.
- Click  at the right bottom of the main screen, then select WiFi item. Change WiFi name(SSID) and password as other customers can also use the provided initial ID and password. Reset WiFi and connect to avoid any confusion.
- After changing name or password of R1WURKS, research again WiFi then set and proceed.
- In case you forget the password, please update WIFI ADAPTOR TELEMETRY then set WiFi and proceed. After this wired update, WIFI ADAPTOR TELEMETRY module is initialized. Please refer to the homepage on the detailed operation.
- After all of the above procedures are executed, overall setup on WIFI ADAPTOR TELEMETRY is complete.

6. LED Status (LED status)

- YELLOW LED is ON : WiFi module is ON
- YELLOW LED flashes : WiFi module is OFF
- RED LED flashes : Command comes from smart phone
- RED LED is ON : WIFI ADAPTOR TELEMETRY is being updated in wired condition.
- RED LED flashes three times : Initialization is complete. Default ID and password are set.