

! WARNINGS Read this user manual before use.

- The user needs to have relevant professional knowledge while mounting or operating the VTX product, any illegal use may cause potential danger. Please ensure that you have the skills of operating radio equipments, or operate under the guidance of a professional. Read this manual carefully before you use. For those who ignore the following statement or violate the operating regulations, the user assumes the responsibility for any personal injury and property damage.
- The VTX will generate a lot of heat while normal working, please ensure adequate airflow to provide a well-airflow environment, and direct touch may cause burns. Please ensure all the cables and plugs are installed correctly. Before powering up, please ensure the antenna has been installed correctly to the VTX RF output. There are a huge amount of precision components in the VTX, please do not disassemble, repair or modify this product personally.
- Please follow the local radio regulations, HAM license is required for operating on HAM channels, and HAM power levels, some channels need to be notified to the local radio regulatory agency before use. Ensure you are in accordance with all local laws and regulations about the drones and radio. It is strictly forbidden to fly in the no fly zone such as airport, military facilities and over crowds.

Specification

- LOCK-ON TECH eliminates frequency drift.
- All channel power calibrated.
- No frequency sweep, no interference.
- Thin and light, designed for racing.

RF LEVEL: PIT-25mW-100mW-200mW-MAX CHANNEL: 48CH/37CH(US)

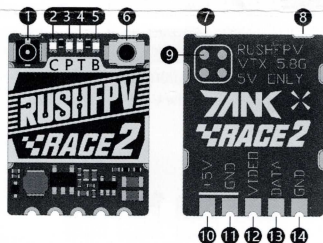
CURR: (5V) PIT-70mA 25mW-220mA 100mW-275mA 200mW-330mA MAX- 450mA

INPUT VOLTAGE: DC 5V VIDEO FORMAT CVBS PAL/NTSC AUDIO: NO

DIMENSIONS: H 20mm* W 15.5mm* D 2.8mm WEIGHT: 1.7g (WITHOUT CABLE)

EXTERNAL CONTROL: SMARTAUDIO v2.1 (TBS authorized commercial)

Function



1. ANTENNA SOCKET U.FL-1

2. LED CHANNEL (RED)

3. LED POWER (GREEN)

4. LED PIT/TEMP (ORANGE)

5. LED BAND (BLUE)

6. BUTTON

7. PAD BUTTON-SW

8. PAD GROUND

9. PAD FW BURNING

10. PAD +5V DC-IN

11. PAD GROUND

12. PAD VIDEO-IN

13. PAD DATA(SMARTADUIO)

14. PAD GROUND

Operation

HOLD THE BUTTON ENTER SETTING MODE

RED CHANNEL LED BLINKS → PRESS THE BUTTON TO SET 1-8 CHANNELS

HOLD THE BUTTON TO THE NEXT SETTING

BLUE BAND LED BLINKS → PRESS THE BUTTON TO SET 1-6 BANDS

HOLD THE BUTTON TO THE NEXT SETTING

GREEN POWER LED BLINKS → PRESS THE BUTTON TO SET 1-4 PWR LEVELS

HOLE THE BUTTON TO SAVE AND EXIT

Double-click the button to turn the PIT MODE ON/OFF.

When the VTX is overheated, the orange light flashes quickly, and the power level will be dropped slowly. After the temperature back to the normal status, the orange light would be black out and the power level would be restored.

- Please connect the antenna before flight!
- 5V input only. Please do not supply higher voltage than 5V. This will cause damage to VTX!
- Keep video signal cables away from interference equipment such as ESC!