

# T8FB

*Parameters setup via android APP*

EASY TO USE ,  
CERTAINLY WORTH FOR ITS VALUE  
BEST CHOICE FOR BEGINNER



Wide range of voltage



Mini receiver



USB upgrade



Antiplug prot



80mA operate current



8CH full function



FHSS

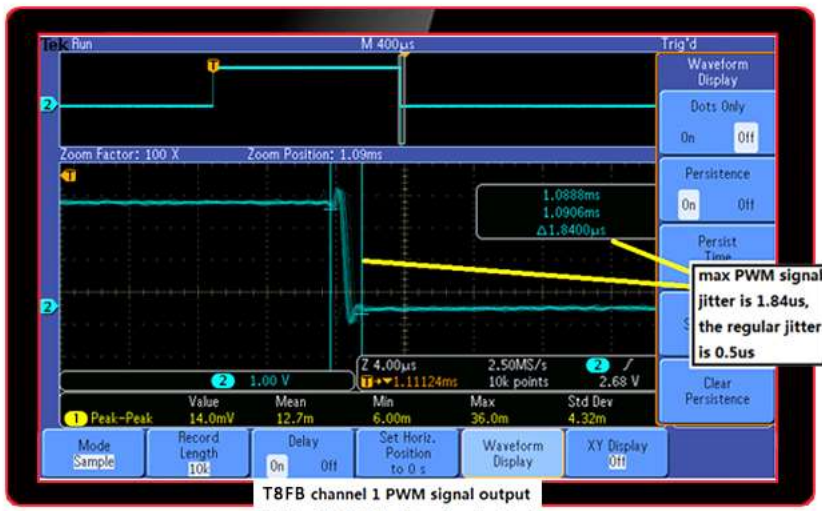
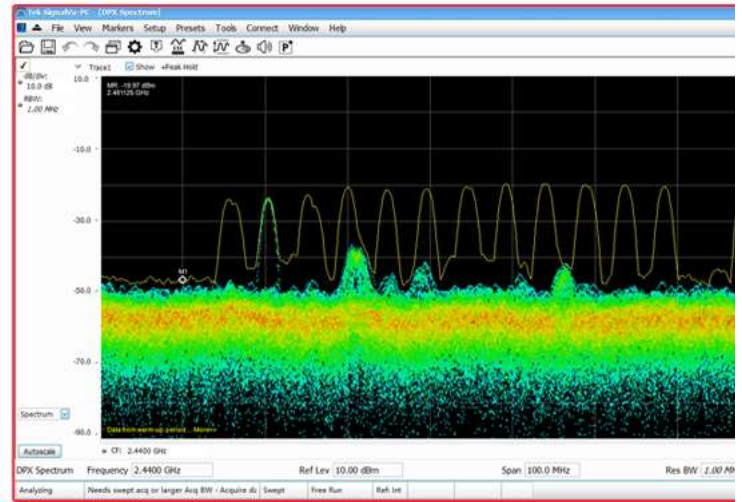


SBUS& PPM&

# Anti-interference Ability and Control Distance Upgrade

## Protocol Upgrade

T8FB, with chip TI CC2500(Open TX, same as the Frsky X9D) and the transmission rate is three times faster than Open TX, use same FHSS spread spectrum of AT9S and 67 channels pseudo random frequency sequence hopping makes T8FB have better anti-interference ability both at the same frequency band and different frequency bands. Control distance is 500 meters ground and 1000 meters air, about 2 times of T4EU, T6EHP-E and T7F.



## Sticks Precision Improved

PCB layout redesign makes the max PWM signal jitter is 1.84us, and the regular jitter is 0.5us (same as the AT9S), 4 times better than the old version of T8FB and 14 times higher than a famous racing drone transmitter which with 7us regular signal jitter, much better than the competing transmitters. Use same joysticks components of AT9S.



## S-BUS , PPM & PWM Support

Sales with 8 channels receiver R8EF. S-BUS, PPM and PWM signal possible working at the same time, no need for too many cables and any signal converter, reduced the weight of aircraft. CH1 of R8EF output S-BUS signal, CH2 output PPM signal, CH3 to CH8 output PWM signal can control gimbal and landing gear at the same time that can control, easy to set and control.

## USB upgrade Parameters Setup Via Android APP

Connect T8FB to a android phone with an android USB cable and an OTG cable, then setup parameters.

Upgrade firmware via computer helps T8FB always keeps the most advanced system and program.

The USB data backup copy function of T8FB helps save and copy parameter settings easily.

\*T8FB upgrade firmware support win7,win8,win10 and XP OS, and parameter setup APP support android mobile phone.



## Support Super Mini Receiver

The mini 8 channels receiver R8FM, 2.5 gram weight, support S-BUS and PPM signal, compatible with all kinds of flight controllers without DCCU, is the best choice for racing drone.

## Full Types

Suit for most of the airplanes including fixed wing 2 airfoils 3 rears, glider 4 airfoils 2 rears and all multicopters, RC cars and boats.

21 centimeters long antenna receiver specialized good for the RC boats.





## Programmable Mix Control

BASIC MENU, ADVANCE MENU, graph view for varieties of throttle and servo curve, 5-8 channels are customized. Advanced settings as you want.

## Unique Anti-polarity Connect Protection Intelligent

Will not damage the PCB of transmitter and receiver even connect anti-polarity with a long time. Universal JST battery connector supports multiple batteries, include 4pcs AA batteries or 2S-4S LiPo battery.



## Low Consumption of Battery

Switching Mode Power Supply(SMPS) keeps the operating current of T8FB is less than 80mA. With our hardware design avoid the interference of SMPS. T8FB, with a 3S 1800mAh LiPo battery can work more than 20 hours.

# Wide Voltage Range Input Humanized operation

Operating voltage is 4.8V~18V,  
applicable to 2S to 4S Li-Po or 4 pieces AA batteries.  
T8FB, simplify the operation,  
makes it easy to use even without user manual.



The size of battery box(L\*W\*H) is 115\*35\*24mm

2S-4S Li-Po

4 pieces AA batt



## Inheritance Industrial Design

T8FB were designed by the same professional company of AT9.  
With innovation and independent design concept, it is the perfect choice for your plane.



## Specification

- T8FB size: 173\*102\*206mm, R8EF size: 48.5\*21\*11mm
- Weight: 0.47kg ( including R8EF)
- Frequency: 2.4GHz ISM band ( 2400MHz~2483.5MHz)
- Modulation mode: GFSK Channel band width: 400KHz
- Channel spacing : 1200KHz Spread spectrum: FHSS
- Adjacent channel rejection: >36dBm
- Transmitter power: <100mW (20dBm)
- Sensitivity: -104dBm Speed rate: 38kbps
- PWM output: 1.0ms~2.0ms
- Section precision: 2048, 0.5us per section
- Cycle:15 ms/per frame
- Radio T8FB operating voltage: 4.8V~18V
- Radio T8FB operating current: <80mA
- Receiver R8EF operating voltage: 4.6~10V
- Receiver R8EF operating current: <30mA
- Support receivers: R8EF, R8FM, R4FG, R4F
- Control distance: 500 meters ground and 1000 meters in air, the actual control distance depends on the flying environment