

FT48X

5.8G 48CH
25/200/600mW Adjustable
FPV Race VTX Raceband

1. Specification:

| | | |
|----|--------------------------|--|
| 1 | Transmitting Frequency: | ISM 5.35GHz-5.95GHz 48 CH |
| 2 | Operating Voltage : | +6.5V~+25.0V |
| 3 | Supply current : | 250mA±20mA @+12V 600mW |
| 4 | Video Input Level: | 1V±0.2Vp-p/75Ω |
| 5 | Audio Input Level: | 0.5~2.0Vp-p/10KΩ |
| 6 | TV System: | PAL/NTSC/SECAM (AUTO) |
| 7 | Audio Carrier Frequency: | 6.5MHz |
| 8 | RF Output Power: | 0.25mW(-6dBm±0.5dBm) 25mW(14dBm±0.5dBm) 200mW(23dBm±0.5dBm) 600mW(28dBm±0.5dBm) |
| 9 | Antenna Connector: | SMA Connector |
| 10 | Weight: | 9g |
| 11 | Dimensions (L x W x H): | 31x22x8mm |
| 12 | Operating Temperature: | -10°C~+85 °C |

2. Features:

- 48 Channel, with Raceband ;
- RF power can be adjusted: 25/200/600mW RF Power output ;
- Large input voltage range ;
- Not affect by 2.4GHz R/C Radios ;
- Integrally molded case, Mini size, Power indicator, easy to carry ;
- LED display channel; LED display RF Power;

5.8GHz Wireless AV Transmitter

FT48X

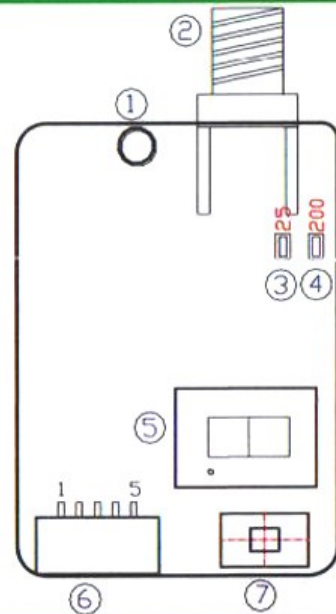
- ❑ Key mode control channel, group and RF Power Adjusted;
- ❑ 5V output with 300mA automatic recovery fuse and LC filter !
- ❑ Size: 31 x 22 x 8mm.

3.Operation: Band, Channel and RF Power Selection

- ❑ Short press the key to changing Channel: 1, 2, 3, 4, 5, 6, 7, 8;
- ❑ Long press the key for 2 seconds to change band: A, B, C, D, E, F;
- ❑ Long press the key for 5 seconds to change RF Power: 25mW, 200mW, 600mW, RF Power sleep.

4.Diagram

- ① Microphone
- ② Antenna connector
- ③ Blue LED: RF Power 25mW (Factory default)
- ④ Red LED: RF Power 200mW
*Not: Blue LED and red LED are bright: 600mW.
Blue LED and red LED are not bright: 0.25mW.*
- ⑤ LED: Displays the channel and the band
- ⑥ 5PIN Cable:
 1. Red: VCC IN(+6.5V~+25V)
 2. Black: GND
 3. Orange: VCC OUT(+5V @300mA)
 4. Black: GND
 5. Yellow: Video In
- ⑦ Channel, Band and RF Power Select button



5.Operating Frequency Table

| CH Band | CH 1 | CH 2 | CH 3 | CH 4 | CH 5 | CH 6 | CH 7 | CH 8 |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|
| A(A) | 5865MHz | 5845MHz | 5825MHz | 5805MHz | 5785MHz | 5765MHz | 5745MHz | 5725MHz |
| b(B) | 5733MHz | 5752MHz | 5771MHz | 5790MHz | 5809MHz | 5828MHz | 5847MHz | 5866MHz |
| C(E) | 5705MHz | 5685MHz | 5665MHz | 5645MHz | 5885MHz | 5905MHz | 5925MHz | 5945MHz |
| d(F) | 5740MHz | 5760MHz | 5780MHz | 5800MHz | 5820MHz | 5840MHz | 5860MHz | 5880MHz |
| E(R) | 5658MHz | 5695MHz | 5732MHz | 5769MHz | 5806MHz | 5843MHz | 5880MHz | 5917MHz |
| F | 5362MHz | 5399MHz | 5436MHz | 5473MHz | 5510MHz | 5547MHz | 5584MHz | 5621MHz |