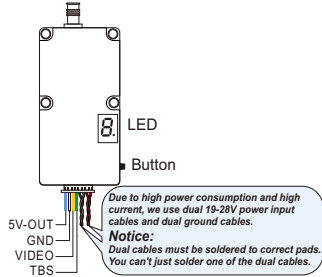


**PRODUCT SPECIFICATION**

Input voltage	19V to 28V, 3A
Extra features	Smart audio
Power supply	5V Camera @ under 500mA max.
Output power	25mW/1W/3W/5W/8W/16W
Microphone	Not supported
Antenna connector	SMA
Cable connector	JST, 6pin
Dimensions	68*36*15mm, 30.5 x 30.5mm (hole)
Weight	56g (excluding antenna)
Kit contents	1x VTX, 1x cable, 1x pigtail



- ⚠️ Plug the Antenna Connector and Antenna Before Powering On the VTX!
  - ⚠️ Please do not remove heat sink!
- Please mount the VTX on the uppermost layer of the drone frame to maintain enough airflow for heat dissipating.  
**Peak operating current: 3A**  
 (ensure that the power supply can carry more than 4A)

# ALPHA 16

Product Instruction Manual



A16

**PRODUCT SPECIFICATION**

**Key features**

- Support Smart audio
- 25mW/1W/3W/5W/8W/16W
- Built-in cooling fan
- OSD configuration using smart audio
- 19-28V input with 5V output

**Button control Channel select mode**

One button is used to set channel, band and power.

**Channel Select**

Short press to change 8 channels.

**Band Select**

Press the button for 2 seconds, LED will flicker an letter, then short press to change 12 band from A-b-E-F-r-P-L-U-O-H-T-n

**Power Select**

Press the button for 3 seconds, LED will flicker an number quickly, then short press to change 6 power levels. After setting, led will display letter-number-number flickering twice, representing band-channel-power level.

For example:



**PRODUCT SPECIFICATION**

**Slow power on**

The VTX will wait for 3 seconds before turning on power amplifier. The 3 seconds slow power on will protect the VTX from being burned by maximum instantaneous power.

**Pit Mode**

The VTX is fully accessible via smart audio. It supports Pit Mode.

Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Band A	5474	5492	5510	5528	5546	5564	5582	5600
Band b	5382	5399	5436	5473	5510	5547	5584	5621
Band E	5325	5348	5366	5384	5402	5420	5438	5456
Band F	5129	5159	5189	5219	5249	5279	5309	5339
Band r	4990	5020	5050	5080	5110	5140	5170	5200
Band P	5333	5373	5413	5453	5493	5533	5573	5613
Band L	4900	4940	4921	4958	4995	5032	5069	5099
Band U	5960	5980	6000	6020	6030	6040	6050	6060
Band Q	5865	5845	5825	5805	5785	5765	5745	5725
Band H	5733	5752	5771	5790	5809	5828	5847	5866
Band T	5705	5685	5665	5645	5885	5905	5925	5945
Band n	5740	5760	5780	5800	5820	5840	5860	5880

**HOT CAUTION**  
**BE CAREFUL NOT TO BURN YOUR FINGERS**

**PLUG THE ANTENNA BEFORE POWERING THE VTX**  
**DO NOT REMOVE COOLING FAN**