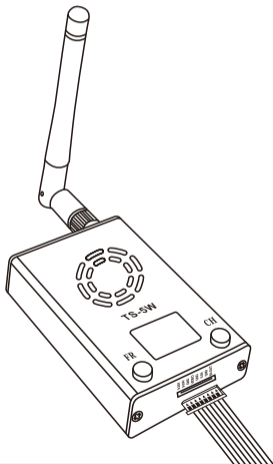


# TS-5W

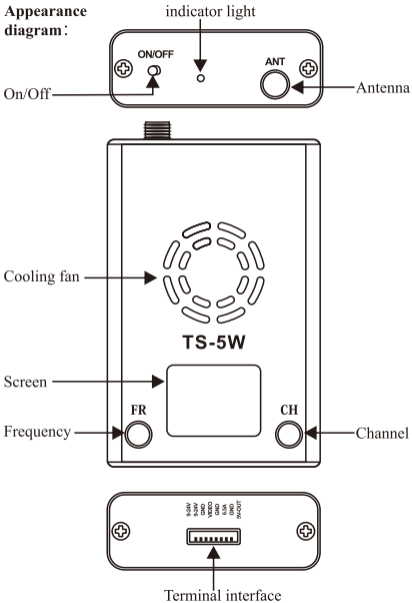
4.9-5.8G

56CH

## AV Transmitter Module



**Appearance diagram:**



## Specifications:

Modulate	Wideband FM Modulate			
Video Format	NTSC/PAL			
Characteristics	Value			Units
	Min.	Type.	Max.	
Output Impedance	---	50	---	Ohm
Output Power	33	37	39	dBm
Operating Voltage	9	12	36	V
Supply current	---	---	1300	mA
Operating Temperature	-10	---	+85	°C
Video Band Width	0	---	8.0	MHz
Video Input Level	0.8	1.0	1.2	V <sub>p-p</sub>
Video Input Impedance	---	75	---	Ohm
Audio Input Level	0.5	---	2.0	V <sub>p-p</sub>
Audio Input Impedance	---	10k	---	Ohm
Weight	---		---	g
Antenna Connector	SMA Connector			
Dimensions (L x W x H)	72.5*50*18.5mm			

## Frequency and channel frequency table:

FR \ CH <sub>channel</sub>	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR1 (A)	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
FR2 (B)	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
FR3 (E)	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
FR4 (F)	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M
FR5 (R)	5658M	5695M	5732M	5769M	5806M	5843M	5880M	5917M
FR6 (L)	5362M	5399M	5436M	5473M	5510M	5547M	5584M	5621M
FR7 (X)	4990M	5020M	5050M	5080M	5110M	5140M	5170M	5200M

### **Operation method:**

After powering on and turning on the digital tube, it will display the last saved frequency band and channel,

1. Implement module channels through two buttons\_ CH, frequency band\_ FR adjustment, and a power on button (note: be sure to turn it on after the antenna is installed, otherwise it will burn out the power amplification IC):

A: Frequency band adjustment:

In the initial startup state, press the FR button to adjust the current frequency band. Short press the FR button (about 0.5s) once to switch the frequency band from 1 to 2, and the digital display will switch from 1 to 2; Short press the FR button again (about 0.5S), the frequency band will jump from 2 to 3, the digital tube will display from 2 to 3, and so on. The frequency band will be displayed in sequence at A B. Loop between E.F.R.L.X, digital display shows loop between 1.2.3.4.5.6.7.

B: Channel adjustment:

Press the CH button to adjust the current channel. Short press the CH button (about 0.5s) once to switch the frequency band from 1 to 2, and the digital display will switch from 1 to 2; Short press the CH button again (about 0.5S), the frequency band will jump from 2 to 3, and the digital display will go from 2 to 3... and so on, the frequency band will cycle between 1.2.3.4.5.6.7.8, and the digital display will cycle between 1.2.3.4.5.6.7.8.

C: Power on:

After confirming that the matching antenna is installed properly, press the power on button and the transmitter will start working normally. Be careful not to block the cooling fan window of the transmitter.

**Attention:** Please use within the legal limits of your country, mainly using aerial models for viewing beyond visual range.