

RC832

Instruction Manual

Specification:

1. Technical specification

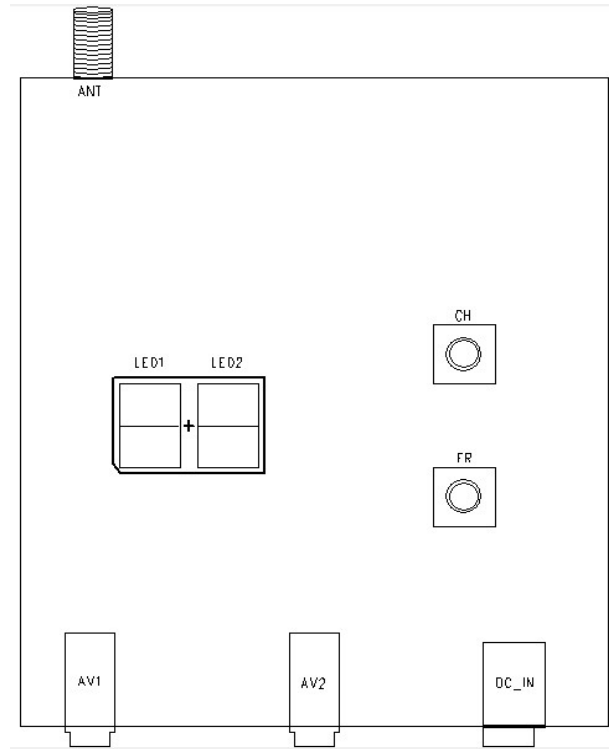
RC832 5.8G Wireless receiver	Sensitivity	≤-90dBm
	Working Frequency	ISM 5.8GHz
	Available Channel	32CH
	Power supply	DC 12V
	Consumption Current	200mA, Max.
	Antenna Input Impedance	50ohm Typ.
	Antenna Connector	SMA
	Antenna Gain	2dBi
	Video Output Level	1.0Vp-p Typ, 75Ω
	Audio Output Level	1.0Vp-p Typ, 10KΩ
	Audio Carrier	6.5MHz
	Type Standard	NTSC/PAL
	Dimension (L x W x H)	80x65x15 mm
	Weight	85 g

2. Features:

- **32 channels:** Cover A, B, E bands and F band (Airwave band), 4 bands and all frequencies compatible;
- **Two switching buttons:** CH button for frequencies channels switching, FR button for frequencies bands switching;
- **Two digital display:** one for CH and the other for FR, real-time positioning which frequency band and which channel received;
- **Power off memory:** Replay the very last frequency band and channel
- **Independent video and audio signal outputs**

3. Operation Instructions:

A. Pin Description:



B. Application example



C. Channel and Digital tube display

Power on, press the “CH” button to change channel, “CH” digital display will change synchronously, “CH” digital display changes cyclically from 1 to 8.

D. Frequent and Digital tube display

Power on, press the “FR” button to change frequency band, “FR” digital display will change synchronously, “FR” digital display changes cyclically from 1 to 4.

FR1 for A band, FR2 for B band, FR3 for E band, FR4 for F band(Airwave band).

E. Frequency and channel frequency table:

FR \ CH		CH							
		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR	FR1 or (A)	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
	FR2 or (B)	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
	FR3 or (E)	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
	FR4 or (F)	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M

4. Standard Accessories:

- SMA Standard Type Dipole Antenna *2
- AV Output Cable *1
- Power cable for RC832 *1
- Power cable for TS832 *1
- User Manual *1

NOTICE:

Please connect every part according to the instruction, please don't take down and refit this product.

PRODUCT SPECIFICATION

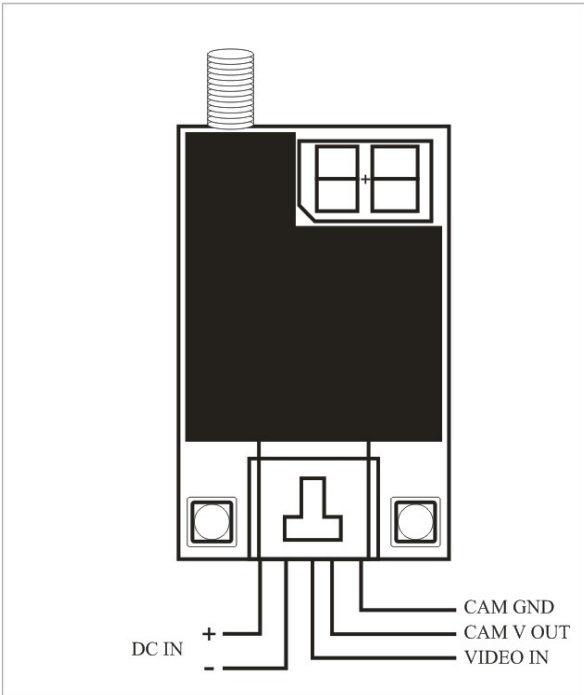
MODEL: TS832						
5.8G 600mW 32 Channels AV Transmitter Module						
	Modulate		Wideband FM Modulate			
	Video Format		NTSC/PAL			
	Characteristics		Value			Units
			Min.	Typ.	Max.	
1	Output Impedance		---	50	---	Ohm
2	Output Power		27	27.5	28	dBm
3	Frequency range	Channel Frequency				
	FR1 or (A)	CH1	---	5865	---	MHz
		CH2	---	5845	---	MHz
		CH3	---	5825	---	MHz
		CH4	---	5805	---	MHz
		CH5	---	5785	---	MHz
		CH6	---	5765	---	MHz
		CH7	---	5745	---	MHz
		CH8	---	5725	---	MHz
	FR2 or (B)	CH1	---	5733	---	MHz
		CH2	---	5752	---	MHz
		CH3	---	5771	---	MHz
		CH4	---	5790	---	MHz
		CH5	---	5809	---	MHz
		CH6	---	5828	---	MHz
		CH7	---	5847	---	MHz
		CH8	---	5866	---	MHz

3	FR3 or (E)	CH1	---	5707	---	MHz
		CH2	---	5685	---	MHz
		CH3	---	5665	---	MHz
		CH4	---	5645	---	MHz
		CH5	---	5885	---	MHz
		CH6	---	5905	---	MHz
		CH7	---	5925	---	MHz
		CH8	---	5945	---	MHz
	FR4 or (F)	CH1	---	5740	---	MHz
		CH2	---	5760	---	MHz
		CH3	---	5780	---	MHz
		CH4	---	5800	---	MHz
		CH5	---	5820	---	MHz
		CH6	---	5840	---	MHz
		CH7	---	5860	---	MHz
		CH8	---	5880	---	MHz
4	Operating Voltage	7.0	12	16	V	
5	Supply current	---	220	---	mA	
6	Operating Temperature	-10	---	+85	°C	
7	Video Band Width	0	---	8.0	MHz	
8	Audio carrier Frequency	---	6.5	---	MHz	
9	Video Input Level	0.8	1.0	1.2	Vp-p	
10	Video Input Impedance	---	75	---	Ohm	
11	Audio Input Level	0.5	---	2.0	Vp-p	
12	Audio Input Impedance	---	10K	---	Ohm	
13	Weight	---	22	---	g	
14	Antenna Connector	SMA Connector				
15	Dimensions (L x W x H)	54x32x10mm				

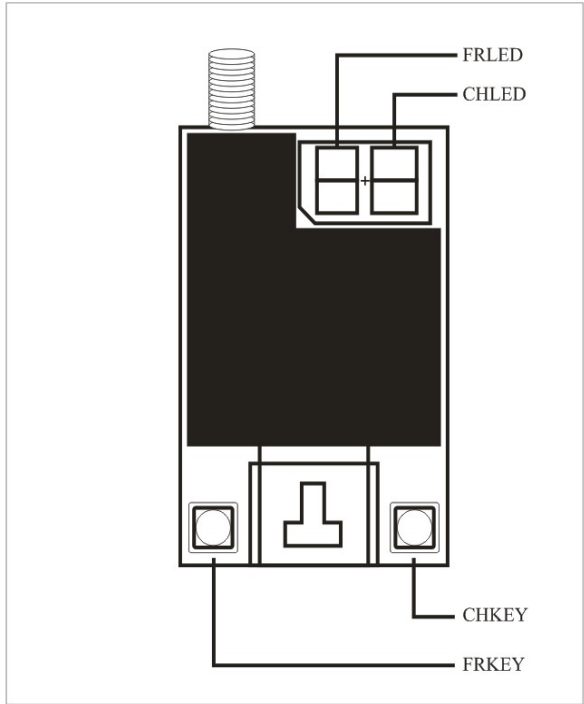
Picture



Connect:



Channel Switch



Frequency and channel frequency table

FR \ CH		CH							
		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR	FR1	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
	FR2	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
	FR3	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
	FR4	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M

Application examples

