

RC832 Instruction Manual

Specification:

1. Technical Specification:

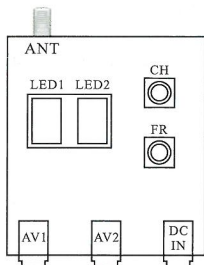
RC832 5.8G Wireless receiver	Sensitivity	≤ -90dBm
	Working Frequency	ISM 5.8GHz
	Available Channel	40 CH
	Power Supply	DC 12V
	Consumption Current	200mA,Max
	Antenna Input Impedance	50ohm Typ
	Antenna Connector	SMA
	Antenna Gain	2dbi
	Video Output Level	1.0Vp-p Typ 75Ω
	Audio Output Level	1.0Vp-p Typ 10KΩ
	Audio Carrier	6.5 MHz
	Type Standard	NTSC/PAL
	Dimension(L×W×H)	80×65×15mm
Weight	85g	

2. Features:

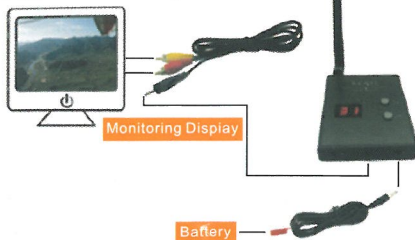
- 40 channels:5 bands and all frequencies compatible.
- Two switching buttons:CH button for frequencies channels switching ,FR button for frequencies bands switching.
- Two digital display:one for CH and the other for FR ,real-time positioning which frequency band and which channel received .
- Power off memory :Replay the very last frequency band and channel.
- Independent video and audio signal outputs.

3. Operation Instruction:

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. Frequency 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 5.

FR 1 for band A, FR 2 for band b, FR 3 for band E, FR 4 for band F, FR 5 band r.

E. Frequency and Channel Frequency table:

		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
	FR5	5658M	5695M	5732M	5769M	5806M	5843M	5880M	5917M

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.

RC832 & TS832



Product Instruction Manual

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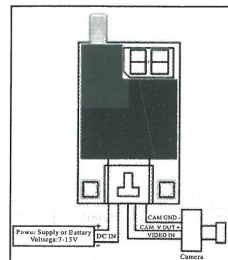
MODEL:TS832 5.8G 600mW 40 Channels AV Transmitter Module						
Module		Wideband FM Module				
Video Format		NTSC/PAL				
Characteristics		Value			Units	
		Min.	Typ.	Max.		
1	Output Impedance	---	50	---	Ohm	
2	Output Power	27	27.5	28	dBm	
3	Frequency Range	Channel Frequency				
	FR1	CH1	---	5865	---	MHz
		CH2	---	5845	---	MHz
		CH3	---	5825	---	MHz
		CH4	---	5805	---	MHz
		CH5	---	5785	---	MHz
		CH6	---	5765	---	MHz
		CH7	---	5745	---	MHz
CH8		---	5725	---	MHz	
FR2	CH1	---	5733	---	MHz	
	CH2	---	5752	---	MHz	
	CH3	---	5771	---	MHz	
	CH4	---	5790	---	MHz	
	CH5	---	5809	---	MHz	
	CH6	---	5828	---	MHz	
	CH7	---	5847	---	MHz	
	CH8	---	5866	---	MHz	
FR3	CH1	---	5705	---	MHz	
	CH2	---	5685	---	MHz	
	CH3	---	5665	---	MHz	
	CH4	---	5645	---	MHz	
	CH5	---	5885	---	MHz	
	CH6	---	5905	---	MHz	
	CH7	---	5925	---	MHz	
	CH8	---	5945	---	MHz	
FR4	CH1	---	5740	---	MHz	
	CH2	---	5760	---	MHz	
	CH3	---	5780	---	MHz	
	CH4	---	5800	---	MHz	
	CH5	---	5820	---	MHz	
	CH6	---	5840	---	MHz	
	CH7	---	5860	---	MHz	
	CH8	---	5880	---	MHz	

3	FR5	CH1	---	5658	---	MHz
		CH2	---	5695	---	MHz
		CH3	---	5732	---	MHz
		CH4	---	5769	---	MHz
		CH5	---	5806	---	MHz
		CH6	---	5843	---	MHz
		CH7	---	5880	---	MHz
		CH8	---	5917	---	MHz
4	Operating Voltage	7	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	Dimension(L×W×H)	54×32×10mm				

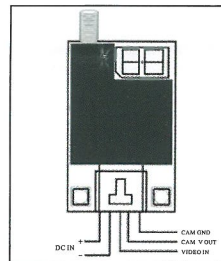
Picture:



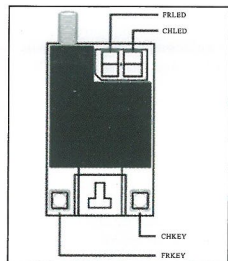
Application examples:



Connect:



Channel Switch:



Frequency and channel frequency table:

		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR	FR1	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
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