# RC832 Instruction Manual

## Specification:

### 1.Technical Specification:

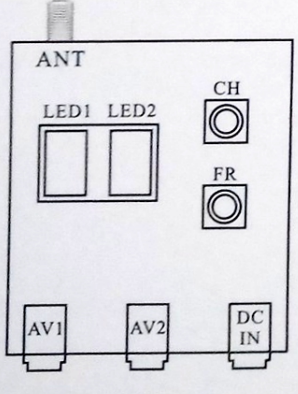
| | | |
|---|---|---|
| RC832 5.8G Wireless receiver | Sensitivity | ⩽ -90dBm |
| | Working Frequency | ISM 5.8GHz |
| | Available Channel | 48 CH |
| | Power Supply | DC 12V |
| | Consumption Current | 200mA,Max |
| | Antenna Input Impedance | 50ohm Typ |
| | Antenna Connector | SMA |
| | Antenna Gain | 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:

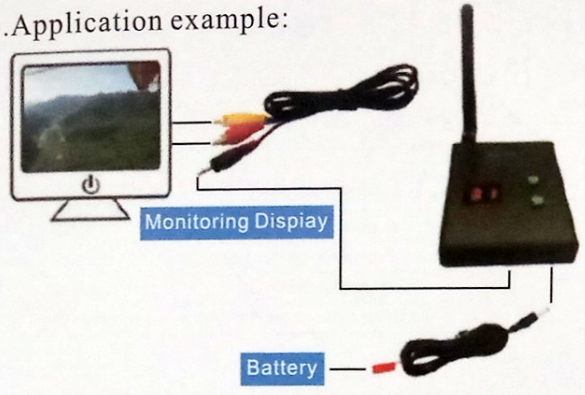
- 48 channels:Cover A,B,C,D,H,L,6 bands and all frequencies compatible
- Two switching buttons:CH button for frequenies channels switching ,FR button for frequenies bands switching.
- Two digital display:one for CH and the other for FR ,real-time positioning which frequeny band and which channel received .
- 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 6.

FR1 for A band , FR2 for B band , FR3 for C band ,
FR4 for D band, FR5 for H band ,FR6 for L band.

E.Frequency and Channel Frequency table:

| FR \ CH | 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(C) | 5705M | 5685M | 5665M | 5645M | 5885M | 5905M | 5925M | 5945M |
| FR4(D) | 5740M | 5760M | 5780M | 5800M | 5820M | 5840M | 5860M | 5880M |
| FR5(H) | 5658M | 5695M | 5732M | 5769M | 5806M | 5843M | 5880M | 5917M |
| FR6(L) | 5474M | 5492M | 5510M | 5528M | 5546M | 5564M | 5582M | 5600M |

### 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:

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

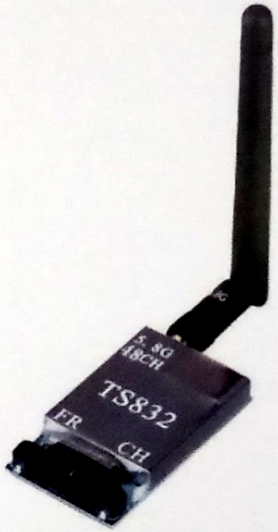
# Product Instruction manual

## RC832 & TS832

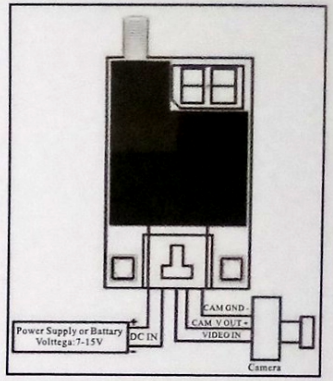
# TS832 Instruction Manual

| MODEL:TS832<br>5.8G 600mW 48 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 | 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 |
| | FR6 | CH1 | --- | 5474 | --- | MHz |
| | | CH2 | --- | 5492 | --- | MHz |
| | | CH3 | --- | 5510 | --- | MHz |
| | | CH4 | --- | 5528 | --- | MHz |
| | | CH5 | --- | 5546 | --- | MHz |
| | | CH6 | --- | 5564 | --- | MHz |
| | | CH7 | --- | 5582 | --- | MHz |
| | | CH8 | --- | 5600 | --- | MHz |
| 4 | Operating Voltage | | 7.0 | 12 | 16 | V |
| 5 | Supply Current | | --- | 220 | --- | mA |
| 6 | Operating Temperature | | -10 | --- | +85 | ℃ |
| 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 | | | |

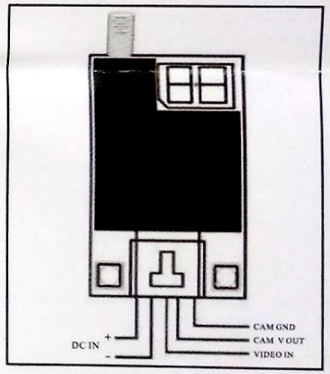
Picture:



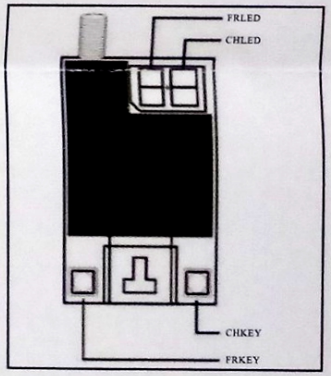

Application examples:




Connect:




Channel Switch:

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| | Antenna Gain | 2dBi |
| | Video Output Level | 1.0Vp-p Typ 75Ω |
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| | Type Standard | NTSC/PAL |
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### 2.Features:

48 channels: Cover A ,B ,C ,D ,H , L ,6 bands and all frequecies compatible
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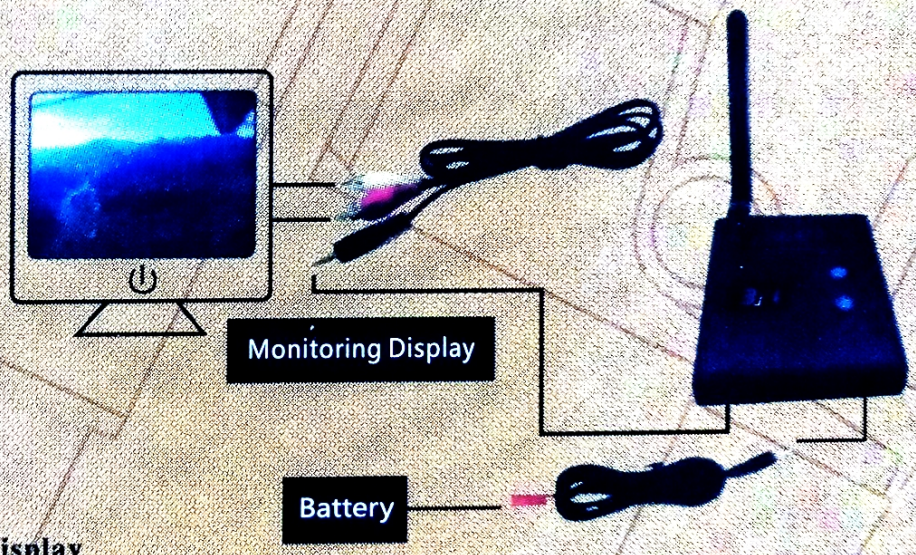
Power off memory: Replay the very last frequency band and channel
Independent video and audio signal outputs

### 3. Operation Instructions

### A. Application example

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### C. Frequency and Digital tube display

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