

User Manual

2.4g long range Video/Audio transmission

-----Model TW-2000

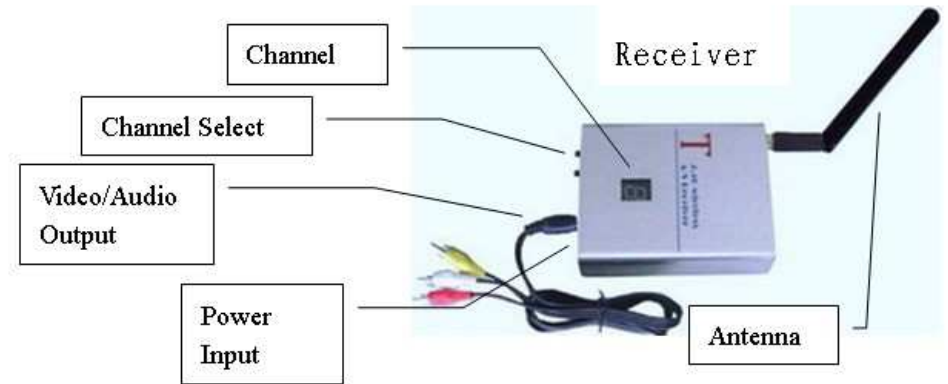
2.4g long range Video/Audio transmission

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Features:

- Transmission distance without obstacle: 2000meter with 2dbi antenna
- 2.4GHZ ISM frequency
- Audio*2 , Video*1 Sender/Receiver
- Support 8 channels
- PLL Technology achieve stable video/image
- Long life working.



Step by step guide

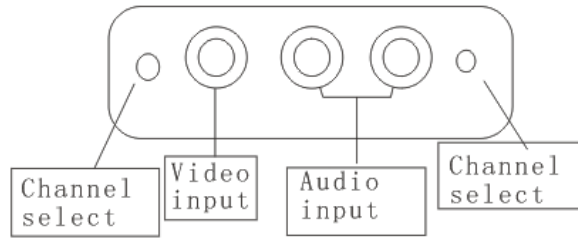
Transmitter connection

- Install antenna;
- Connect Video source and Audio source to Transmitter's input
- Connect power source
- Select transmitter's channel

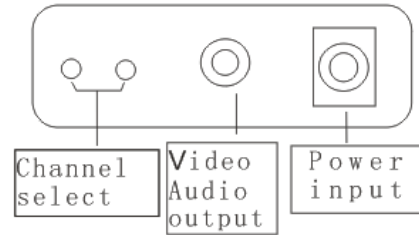
Receiver:

- Install antenna;
- Connect output wires to displayer and speaker (or recorder etc.)
- Connect power source (12V 1A)
- Select same channel as transmitters

Transmitter



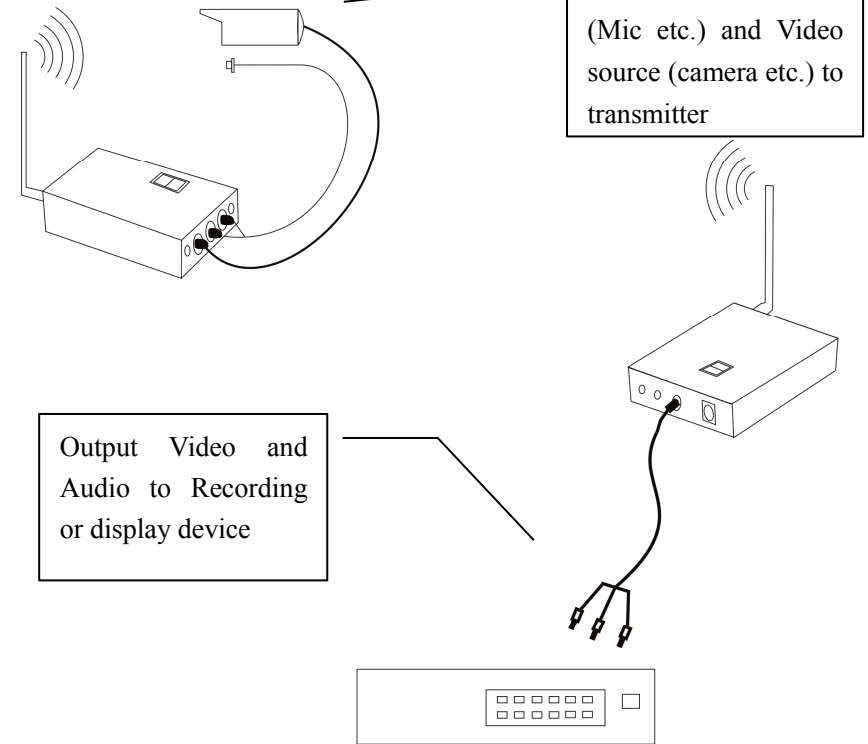
Receiver



Frequency: 2.4Ghz 8 channels

Transmission Frequency (8 Channels)	CH1:	CH2:	CH3	CH4
	2378MHz	2396MHz	2414MHz	2432MHz
	CH5	CH6	CH7	CH8
	2450MHz	2468MHz	2486MHz	2504MHz

Power Consumption: 6W (Transmitter)	Working temperature:-20~+50° C/-4~+122° H
Power consumption: 500mA (transmitter); 140mA(Receiver)	Deposited temperature : -40 ~ +80 ° C/-40~+185° H
Input/Output: Video*1 + Audio*2	Dimension:
Supply voltage: 8V-15V	Transmitter: 100*71.2*26 (mm)
Intermediate frequency: 480MHz	Receiver: 85.1*71.2*26 (mm)
Video output level: 1Vp-p	Weight:
Audio output level: 1Vp-p	Transmitter: 165g
Receiving signal: Video *1 & Audio*2	Receiver: 145g
Input sensitivity: ≥ -87dBm	



Important notice:

- This product is for **indoor use** only.
- **Install antenna** before connecting power source;
- Recommend **12V 2A** power source for transmitter; the power source has strong effect on transmission quality;
- Avoid **obstacle** between transmitter and receiver for best transmission quality.
- Usually, both antennas remain **vertical** will have better transmission;
- Use **channel 1,2 and 7,8** will have less interference with other 2.4g wireless products.