



WIRELESS PC+A/V TRANSMITTER & RECEIVER



VC108

User Manual

Contents

1. Introduction	1
1.1 Brief information	1
1.2 Features	1
1.3 Specification	1
1.4 Resolution	2
1.5 Application	2
1.6 Accessories	2
1.7 Optional accessory	2
2. Exterior illustration and installation	3
2.1 Panel and terminal illustration	3
2.2 Connection	4
2.3 Product placing	5
2.4 Antenna placing	6
3. Operation illustration	8
3.1 Panel operation	8
3.2 Remote control operation	10
4. Precautions	12
5. Troubleshooting	13

1. Introduction

1.1 Brief information

VC108 wireless PC+A/V transmitter converts PC signal to video signal with built-in VGA TO VIDEO function. Adapting 2.4GHz wireless technic, it can realize long-range TV receiving. With PS/2 mouse, PC can be long-range operated easily. VC108 is to realize resources sharing through PC TO TV wireless transmission and movie appreciating from PC on TV without space limits.

1.2 Features

- 1) Wireless transmission function
 - 2.4 GHz ISM frequency band with four optional channels.
 - Support VIDEO TO VIDEO wireless transmission.
 - 433MHz IR remote control re-transmission.
- 2) VGA TO VIDEO function
 - Built-in VGA TO VIDEO function, convert VGA signal to standard NTSC or PAL video signal (resizable image and adjustable brightness, contrast, tint, saturation, sharpness).
 - Sensitive to VGA input with resolution up to 1024*768@75Hz.
- 3) Easy-to-operate
 - Sameband transmitter and receiver pair using (one to multiple or multiple to multiple is available).
 - Play & plug, no software needed.

1.3 Specification

- 1) TXV2428 Transmitter
 - Power input: supplied by USB(DC 5V --- 600mA)
 - 2.4GHz channel: 4 channels (2414, 2432, 2450, 2468MHz)
 - Video input: 1Vp-p (PAL/NTSC)
 - Audio input: 1.5Vp-p (L/R)
 - Video output: 1Vp-p (PAL/NTSC)

2) TRV2402 Receiver

- Power input: DC 5V \approx 300mA
- 2.4GHz channel: 4 channels (2414, 2432, 2450, 2468MHz)
- Mouse type: PS/2 port
- Video output: 1Vp-p (PAL/NTSC)
- Audio output: 1.5Vp-p (L/R)

1.4 Resolution

Resolution	Refresh rate
640 × 480	60/75/85 Hz
800 × 600	60/75/85 Hz
1024 × 768	60/75 Hz

1.5 Application

- PC TO AV wireless transmission (PC resources sharing)
- AV TO AV wireless transmission (STB sharing)

1.6 Accessories

- User manual-----1pcs
- Power adaptor-----1pcs
- USB cable-----1pcs
- AV cable-----2pcs
- MMI AV cable-----1pcs
- Stereo audio cable-----1pcs
- VGA cable-----1pcs

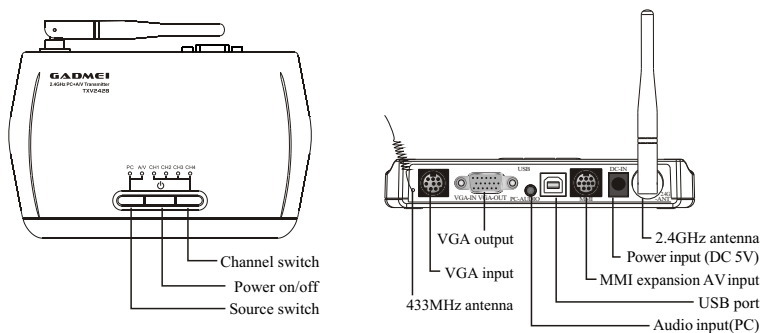
1.7 Optional accessory

- Remote control-----1pcs

2. Exterior illustration and installation

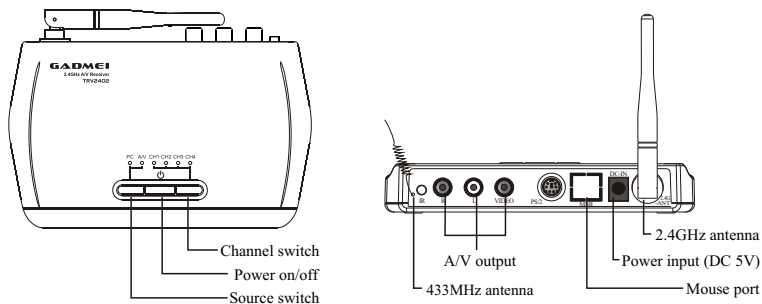
2.1 Panel and terminal illustration

1) Transmitter TXV2428 panel and terminal illustration



(★ Notice: USB connection can provide power supply to TXV2428, no power adaptor needed.)

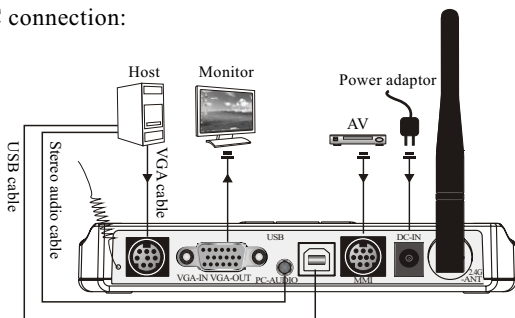
2) Receiver TRV2402 panel and terminal illustration



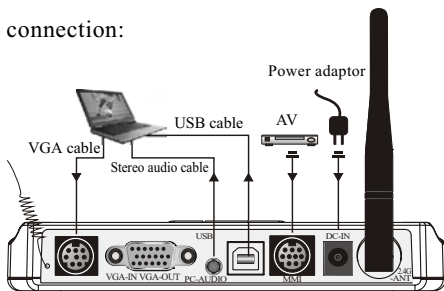
2.2 Connection

1) Transmitter TXV2428 connection

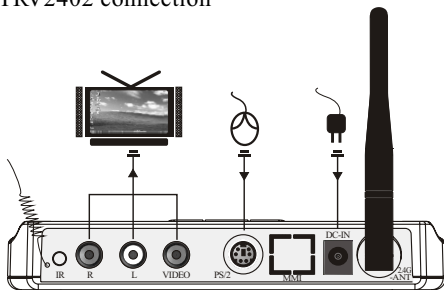
PC connection:



Notebook connection:



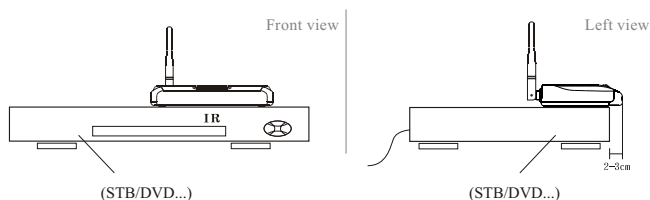
2) Receiver TRV2402 connection



2.3 Product placing

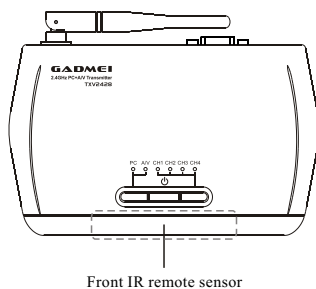
Transmitter TXV2428 placing:

- 1) When using PC, connect the cable correctly following the instruction.
- 2) When using STB and DVD, put the transmitter onto the A/V device (IR remote sensor 2-3cm forward), right towards the IR receiver of the A/V device.



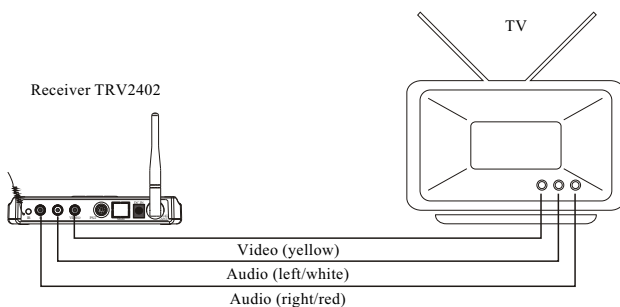
Notice:

- There is “infrared remote control” or “IR” on the IR receiving sensor of STB or DVD, please put the IR remote sensor of transmitter towards it.
- TXV2428 front IR remote sensor as below:



Receiver TRV2402 placing:

Put receiver TRV2402 beside TV set, power on and connect AV cable according to the corresponding colors (yellow/white/red)



2.4 Antenna placing

1) 2.4GHz antenna

2.4G antenna is full-direction antenna with multi-angle rotating function. When interruption appears on the image (snow spot, WIFI), adjust the 2.4G antenna to be perfect.

