



# WIRELESS PC+A/V TRANSMITTER & RECEIVER



## VCI08

User Manual

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## 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==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

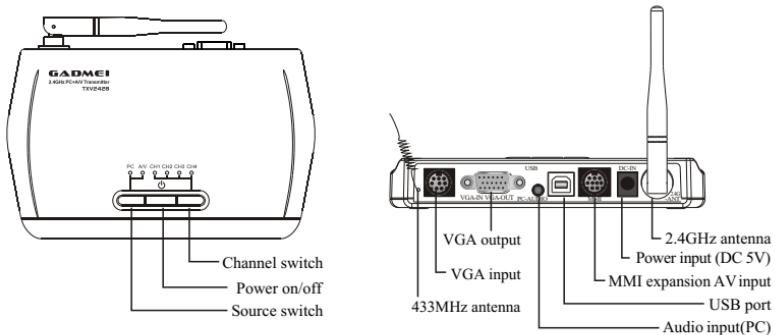
## 1.7 Optional accessory

- Remote control-----1pcs

## 2. Exterior illustration and installation

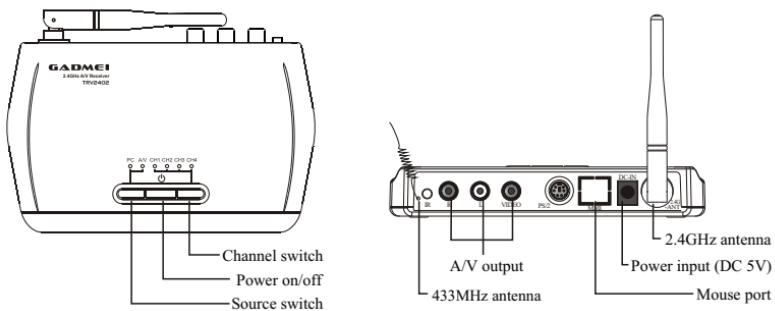
## 2.1 Panel and terminal illustration

## 1) Transmitter TXV2428 panel and terminal illustration



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

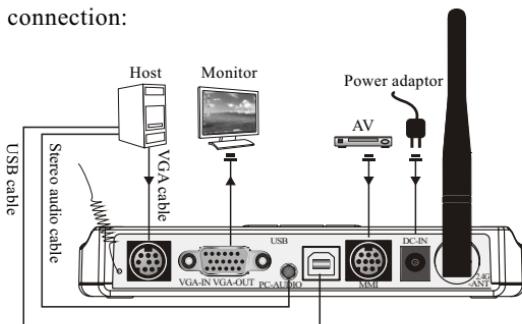
## 2) Receiver TRV2402 panel and terminal illustration



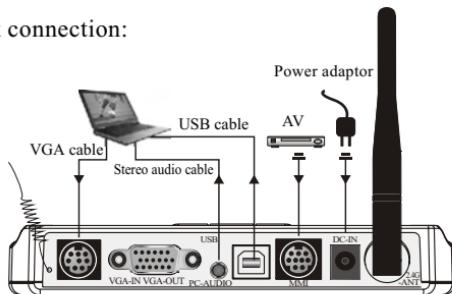
## 2.2 Connection

### 1) Transmitter TXV2428 connection

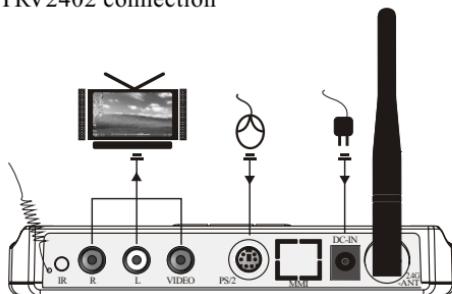
PC connection:



Notebook connection:



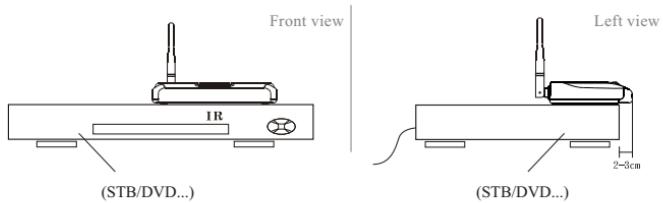
### 2) Receiver TRV2402 connection



## 2.3 Product placing

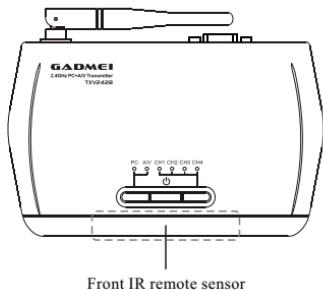
### Transmitter TXV2428 placing:

- 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.



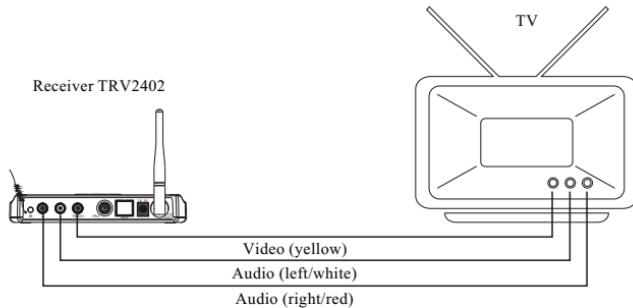
### Notice:

- 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.

