



Rx



Tx

Features

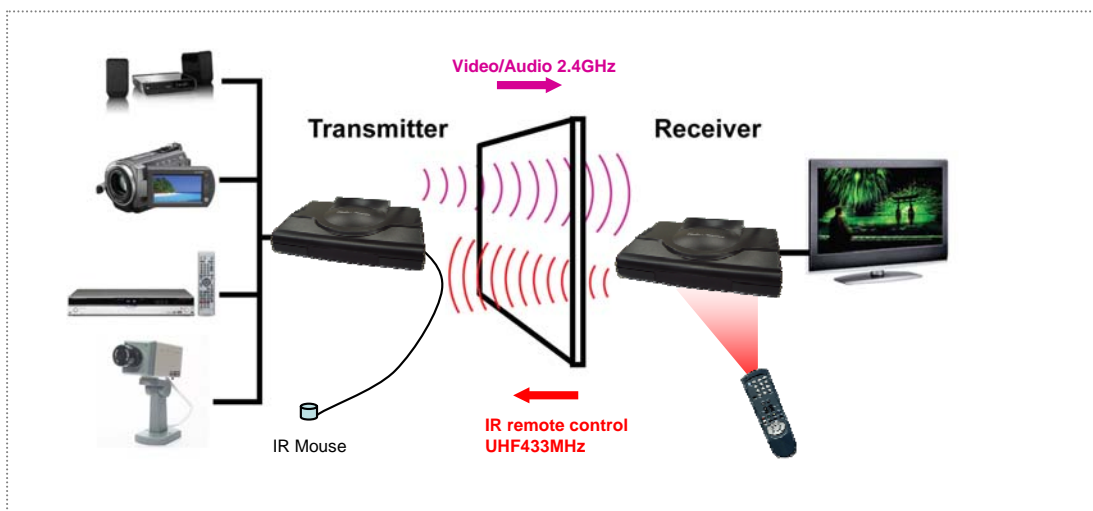
- 2.4 GHz wireless transmitter and receiver with 4 selectable channels.
- Transmitting and receiving of crisp video and hi-fi stereo even through walls.
- Long transmission range up to 400 feet clear line-of-sight.
- NTSC/PAL video format available.
- Built-in IR remote extender for extending control range of IR remotes up to 100 feet even through walls.

Description

The 2.4GHz wireless video/audio sender consists of one transmitter and one or multiple receivers. This device transmits wirelessly vivid video and hi-fi stereo sound from a VCR、TV set、LD、DVD、VCD、Satellite Receiver or cable set top box to any TV or monitor. It can also be used in conjunction with a camcorder or CCD camera and turns into a wireless security monitoring system. As to the transmission capability, the signal can go up to 400 feet clear light-of -sight and even penetrate wall. With the built-in IR remote extender, it allows the user to remotely control the audio/video sources in the other rooms. In addition, four user selectable channels allows multiple transmitters to multiple receivers operation in the same area. All these advanced features will make your home life with amazing convenience and joy.

Applications

- Simultaneous viewing of video programs on a 2nd TV/monitor without wires.
- Wireless transmission of hi-fi stereo to any active speaker.
- Remotes monitoring of live video from a camcorder or CCD camera.
- Local area broadcasting of audio/video programs for multiple viewers even in different rooms.



Accessory

- | | |
|---------------------|----|
| •AC/DC adaptor | x2 |
| •RCA or SCART cable | x2 |
| •User manual | x1 |
| •IR mouse | x1 |

Housing color option

- Dark Gray (standard)
- Light Gray (optional)
- White (optional)



AIRWAVE TECHNOLOGIES INC.
4F,NO.9 INDUSTRIAL E. 9TH RD.
SCIENCE-BASED INDUSTRIAL
PARK TAIWAN R.O.C.
TEL.: 886-3-5778099
FAX : 886-3-5778199
<http://www.airwave.com.tw>

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TECHNICAL SPECIFICATION

Video/Audio Tx & Rx :

| General SPEC : | |
|------------------------------|----------------------------------|
| Channel Frequency Range | 2400 ~ 2483MHz |
| Channel Selection | PLL Synthesizer, 4CH. Dip Switch |
| Video/Audio Mod/Demod. Type. | FM-FM |
| Antenna Type. | Omni-directional Dipole |
| Video Polarity | Negative |
| Supply Voltage | DC +9V |
| DC Input Port | 5.5mm DC Jack |
| Power On Indicator | LED, RED |

| Transmitters : | |
|------------------------------------------------------------------------------------------|--------------------|
| Supply Current | 140mA,typ. |
| Input Port | RCA A/V Line Jacks |
| Output Power (EIRP) | 10dBm,max. |
| Video | |
| Input Impedance | 75Ω, typ. |
| Input Single Level | 1Vp-p, typ. |
| S/N Ratio (100KHz, 1Vp-p Sine Wave) | 45dB, typ. |
| Carrier Frequency Accuracy | ±100KHz |
| Audio | |
| Input Impedance | 10KΩ, typ. |
| Input Frequency Range | 50Hz ~ 20KHz |
| Input Single Level (Modulation Single : 50Hz ~ 15KHz Sine Wave) | 3Vp-p, max. |
| Harmonic Distortion (50Hz ~ 6KHz, 3Vp-p Sine Wave) (6KHz ~ 15KHz, 2Vp-p Sine Wave) | 2%, max. |
| S/N Ratio (50Hz ~ 15KHz) | 50dB, min. |
| Subcarrier Frequency Accuracy | ±50KHz |
| Subcarrier Power Level (w.r.t Video carrier) | 25dBc , typ. |



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TECHNICAL SPECIFICATION

IR Remote Extender :

| General SPEC : | |
|--------------------------------------|-------------------------|
| Operation Transmit Frequency | 433.92 MHz |
| Modulation/Demodulation Type | ASK |
| Antenna Type. | Omni-directional Dipole |
| Operation Distance between Tx and Rx | 30 meters, typical |
| Supply Voltage | DC +9V |

| Transmitters : (Built-in within Video / Audio Rx) | |
|---------------------------------------------------|---------------------------------|
| <i>RF Selection</i> | |
| Transmit Power Level (EIRP) | 10dBm, max. |
| Frequency Accuracy | ±75KHz |
| Spurious Output | -40dBm, max. |
| Current Consumption | ≤ 6mA(stand by) ; ≤ 20mA(Tx on) |
| <i>Infra Ray Receiver Section</i> | |
| Tuning Frequency | 38KHz |
| Operation Range | ≤ 15 meters, max. |
| Half Angle | ±45° Horizontal Direction |

| Receivers : (Built-in within Video / Audio Tx) | |
|------------------------------------------------|---------------------------|
| <i>RF Selection</i> | |
| LO Frequency Accuracy | ±50KHz |
| Sensitivity | -85dBm, min. |
| Current Consumption | 30mA, typ. |
| <i>Infra Ray Receiver Section</i> | |
| Carrier Frequency | 38KHz |
| Operation Range | ≤ 15 meters, max. |
| Half Angle | ±45° Horizontal Direction |
| External IR LED Port | 2.4mm MONO Phone Jack |



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