



Features

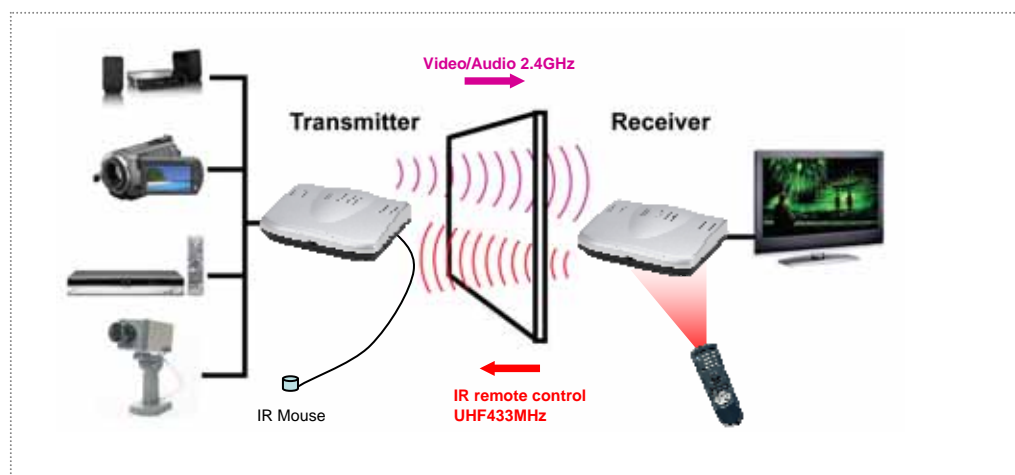
- 2.4 GHz wireless transmitter and receiver with 4 selectable channels.
- Transmitting and receiving of crisp video and hi-fi stereo even through walls.
- Long transmission range up to 400 feet clear line-of-sight.
- NTSC/PAL video format available.
- Built-in IR remote extender for extending control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



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Airwave - Wireless Everywhere

TECHNICAL SPECIFICATION

General SPEC:	
Frequency Range	2400 ~ 2483MHz
Channel Selection	PLL Synthesizer 4CH
Channel Carrier Frequency (± 9 MHz)	CH1:2414MHz , CH2:2432MHz CH3:2450MHz , CH4:2468MHz
Video/Audio Mod/Demod. Type.	FM-FM
Antenna Type.	Internal Omni-directional Dipole
Video Polarity	Negative
Supply Voltage	DC +9V
DC IN Jack	5.5mm
Power On Indicator	LED, Green
Channel Indicator	DIP Switch
Built-In IR Remote Extender	Yes
Operating Frequency	418MHz(FCC) / 433.92MHz(R&TTE)
Mod. / Demod. Type.	ASK

Transmitter	
Supply Current	90mA, typ.
Input Port	Scart or RCA A/V Cables
Output Power (EIRP)	1mW(FCC)/10mW(RnTTE)/40mW(Hi power)
Video Input	1VP-P @ 75 , Typ.
Video S/N Ratio	45dB, typ.
Video Carrier Frequency Accuracy	± 100 KHz
Audio Input	3Vp-p @ 10K , max
Audio S/N Ratio	50dB, min (50Hz ~ 15KHz)
Audio THD	2%, max @ 2/3 max. Input Level
Audio Subcarrier Frequency Accuracy	± 50 KHz
Audio Subcarrier Power Level	25dBc
IR Remote Extender – RF Receiver	
Receiving Sensitivity	-95dBm,typ.
Lo Frequency Accuracy	± 50 KHz
IR Carrier Frequency	38KHz
IR LED Half Angle	60° Horizontal
External IR LED Port	Wired IR LED mouse



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Receiver	
Supply Current	180mA(standby), max/255mA (IR TX On), max
Output Port	Scart or RCA A/V Cables
Input Sensitivity	-85dBm, Typ.
Input Signal Level Range	-90dBm ~ -10dBm
Noise Figure	4dB, Typ.
Lo Freq. Accuracy	±50KHz
Video Output	1VP-P ±0.2V @ 75 , Typ.
Video S/N Ratio	40dBm, min (@-65dBm Input Carrier Level)
Audio Output	3 VP-P±0.3V@10K Typ.
Audio Freq. Response	±5dB, max. (50Hz ~ 15KHz)
Audio THD	2%, max. @ 1/3 Typical Output Level
Audio S/N Ratio	40dB, min.(50Hz ~ 15KHz) @-65dBm I/P Carrier Level
Audio R-L Separation	30dB, min. (1KHz @ Typical O/P Level)
Audio R-L Balance	20dB, max. (1KHz @ Typical O/P Level)
IR Remote Extender – RF Transmitter	
RF Output Power (EIRP)	1mW (FCC)/10mW (R&TTE)
Carrier Freq. Accuracy	±75KHz
Spurious Output	-40dBm, max
IR Receiver Tuning Freq.	38KHz
IR Operation Range	7 Meters, typ.
IR Sensor Half Angle	±45° Horizontal



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