

AWV698

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Features

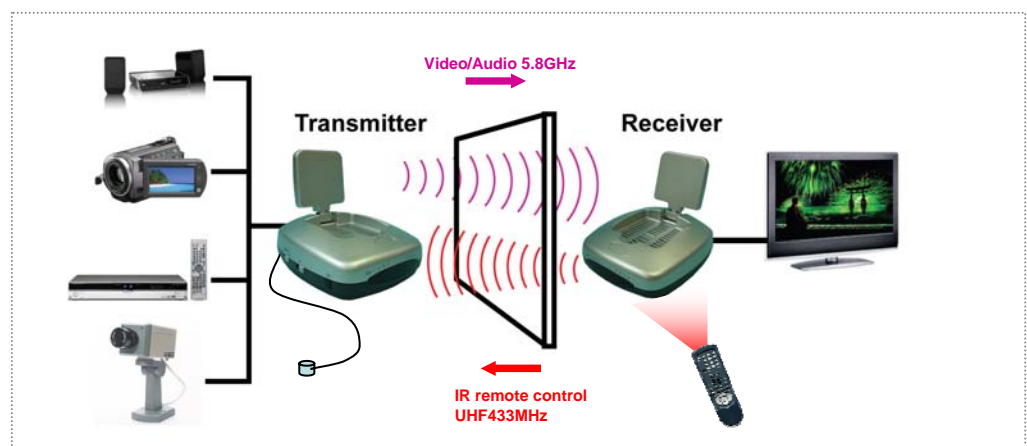
- 5.8 GHz wireless transmitter and receiver with 7 selectable channels.
- Transmitting and receiving of crisp video and hi-fi stereo even through walls.
- Long transmission range up to 400 feet clear line-of-sight.
- NTSC/PAL video format available.
- Patch antenna prevents interruption from moving objects.
- Built-in IR remote extender for extending control range of IR remotes up to 100 feet even through walls.

Description

The AWV698 consists of one transmitter and one or multiple receivers. The input and output ports can be optionally RCA or SCART. This device transmits 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 line-of-sight and even penetrate through walls. With the built-in IR remote extender, it allows the user to remotely control the audio/video sources in the other rooms. In addition, seven user selectable channels allow multiple transmitters to multiple receivers operation in the same area. All these advanced features will make your home life amazingly convenient and joyful.

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)
- Sliver (optional)

TX power option

- 0dBm/12dBm(standard)
- 20dBm (High power)



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TECHNICAL SPECIFICATION

General SPEC:	
Frequency Range	5725 ~ 5875MHz
Channel Selection	PLL Synthesizer 7CH
Channel Freq.	5740, 5760, 5780, 5800, 5820, 5840, 5860 (MHz)
Video/Audio Mod/Demod. Type.	FM-FM
Antenna Type.	Directional Patch antenna
Supply Voltage	DC +9V
DC IN Jack	5.5mm
Power On Indicator	LED, Red
Channel Indicator	Tack Switch
Built-In IR Remote Extender	Yes
IR Extender Operating Frequeccy	433.92MHz
IR Mod. / Demod. Type.	ASK

Transmitter	
Supply Current	200mA, Typ. (@ 12 dBm output) 497mA, Typ. (@ 20 dBm output)
Input Port	RCA jack
Output Power (EIRP)	0 dBm (FCC) / 12 dBm (R&TTE) 20dBm(High power)

IR Remote Extender – RF Receiver	
Receiving Sensitivity	-95dBm, min.
IR Carrier Frequency	34KHz ±1.5KHz
IR Operation Range	2 Meters
IR LED Half Angle	± 45° Horizontal
External IR LED Port	3.5mm Mono Phone Jack

Receiver	
Supply Current	330mA ± 40mA
Output Port	RCA OUT
Input Sensitivity	-85dBm, Typ. (@ Video S/N Ratio ≥ 19dB)
Video Output	1Vp-p ±0.2V
Video S/N Ratio	37dB, min
Audio Output	3.5Vp-p ±0.5V
Audio THD	3%, max.
Audio S/N Ratio	40dB, min.

IR Remote Extender – RF Transmitter	
RF Output Power	40mW ,typ.
IR Receiver Tuning Freq.	34KHz
IR Operation Range	7.5 Meters, min
IR Sensor Half Angle	± 45° Horizontal



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