

# AWP1 MkII A-V Wallplate Now with RJ45 connection

The AWP1 A-V Wallplate provides a convenient, attractive and professional way to connect audio, video, data and PC graphics to other equipment such as amplifiers, networks, video projectors and plasma panels in Home Theatre and Corporate installations.

**VGA In** The built-in high resolution graphics splitter is similar to our very popular VGS2. Just plug your laptop or PC in and enjoy crisp pictures on your projector / LCD / plasma panel / large-screen monitor / etc.



**and OUT** The main output is located inside the wall and is a perfect match for our HQ cables. If you prefer to run separate 75 ohm BNC cables for the longer distances, just order the BNC output (Option /b).

**Video In** A composite video connector (yellow RCA/Phono) connects through to the multi-pin connector located on the rear panel of the electronics module.



**or S-Video** The AWP1 can be fitted with a mini 4-pin DIN in place of the composite video connector. This also connects through to the multi-pin connector on the rear panel of the electronics module. (Option /s)



**Data I/O** All 8 pins of the RJ45 on the front panel are connected 1:1 to the identical connector on the rear panel. The RJ45 data i/o point can be used as a convenient network connection point or with various accessories such as AV baluns to connect to other AV equipment using CAT5/CAT5e cabling.

**Audio In** There are two separate audio inputs... a 3.5mm stereo socket for PC audio and a pair of RCA/Phono sockets for a DVD / VCR / etc. Both sets of inputs are connected to separate terminals on the rear-panel multi-pin connector.

**Enhanced performance** The new AWP1 has much greater bandwidth for the crispest pictures you'll see. Long cables? No problem! Internal adjustments allow compensation for up to 100 metres of quality cable. All options are easily field-changeable without soldering as all modules simply plug in!

**Control** The AWP1 has a blanking feature so the VGA picture can be turned off without causing the display device to show menus or a blue screen, etc. Internal links enable this feature and also allow the blanking to be controlled from the 3.5mm stereo jack or the rear panel terminal block. Monitor o/p not affected.

**Connection** The D.C. power and all video and audio connections are located on a single plug-in screw-terminal connector. The boosted VGA output is on a standard high-density 15 pin socket ready to plug into, or 5 x BNCs for RGBH&V if you order the /b option.



**Safe** The AWP1 is powered by a 12V dc plug-pack and consumes less than 1.2W. It may be left on continuously without fear of overheating or it may be powered on and off with the other A-V equipment in the installation. It may also be powered by other equipment (requires +12V @ 100mA).

**Installation** Easy to follow instructions are provided, but we do recommend that installation is performed by a suitably licensed person familiar with A-V and electrical wiring. The AWP1 has been designed to use Australian-standard electrical mounting brackets (not supplied).

## SPECIFICATIONS

### VGA:

R, G & B video I/P & O/P Z: 75 Ohms  
Frequency Response: DC - 250MHz  
DC Offset: <math>\pm 50\text{mV}</math> Loaded  
Connectors: 3 x D15HD female for /d option (default)  
or 2 x D15HD female + 5 x BNC female for /b option.

### Video:

Passive connection from front wall-plate to multi-pin connector on rear.  
Composite video: Yellow RCA/Phono x 1 - default  
S-Video: Mini 4-pin DIN socket x 1 (/s option)  
Note: Only one of the above video connectors can be fitted.

### Audio:

Direct connections from front panel connectors to multi-pin connector on rear.  
PC Audio: 3.5mm stereo socket x 1  
DVD/VCR Audio: Red & White RCA/Phono, 1 each

### Power:

Power Requirements: 12V dc @ approx. 100mA  
DC input is reverse-polarity protected

### Dimensions & Weight:

Dress plate - 115 x 115 x 2.5mm  
Electronics module - 95 x 89 x 65 (HxWxD)  
Packed weight 1250g

### In the box:

AWP1 electronics module  
Powder-coated & screen-printed dress plate  
Australian-approved 12Vdc power supply  
Plug-in 12-pin Phoenix screw-terminal block  
1.2 Metre VGA input cable (HQ1K2)  
Instruction sheet  
Mounting template

### Ordering options:

S-Video input - /s  
BNC output - /b  
e.g. AWP1/s/b would have both options. Note that the cost is the same for any version specified at time of ordering.  
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