

## V212 Mk2 dual 6 output VDA



### FEATURING

- Enhanced performance**
- Removable rack-mount 'ears'**
- Completely reversible mounting including mains input**
- Switchable 'User' and 'Cal' settings with LED indicators**
- Shallow case - only 122mm deep (approximately 4.8")**
- Light, all aluminum case - total weight only 1.27Kg (2.8lbs)**
- Low power, less than 6 watts**

The Quest AV model V212 has two independent six output video distribution amplifiers in a 1U rack-mount case. Both inputs have circuitry to cancel induced common-mode hum and related interference to present a clean video signal to six buffered outputs. Both channels use identical circuitry, so the V212 may be used for Y/C (S-Video) or the two inputs may be looped to provide 12 identical outputs. Input termination switches are conveniently located near the input and loop out BNCs. These help prevent double loading by either disconnecting loop outputs to use internal 75 Ohm termination, or allowing inputs to loop through (high impedance).

All video connectors are BNC's and the mains supply is via a standard IEC socket. Front panel adjustments are provided for video gain and cable equalisation of both amplifiers and have enough reserve to allow compensation for approximately 300 metres of 75 Ohm video co-ax, or to tweak up a poor signal. You can also easily switch between factory calibrated and user settings. This new model features robust construction, rock solid performance and 24/7 reliability. The V212 is to be found in broadcasting, audiovisual installations, advertising, sports, corporate, home theatre, security, anywhere video signals need to be reliably distributed.



## SPECIFICATIONS

### INPUTS

Channels: Two independent video amplifiers  
 Connectors: 1 x BNC input and 1 x BNC loop output per channel  
 Impedance: 75 Ohms  
 Coupling: AC coupling  
 Level: 1Vp-p nominal, 2Vp-p max.  
 Hum Rejection: >40dB at 50/60Hz  
 Maximum common-mode voltage: 2.5Vrms @ 50/60Hz

### OUTPUTS

Connectors: 6 x BNC outputs per channel (12 outputs total)  
 Impedance: 75 Ohms each  
 Coupling: DC, offset <+/-50mV loaded  
 Grounds: Connected to Chassis and mains earth.  
 Level: 1Vp-p nominal, 2Vp-p maximum (all outputs terminated)  
 Gain: Front panel switches: 0dB (Cal.) / -2dB to +6dB (User)  
 Red LED indicates when User adjustment is selected.  
 EQ: Characterised for 75ohm video co-ax.  
 0dB (Cal.), 0 to +6dB @ 3.58 / 4.43MHz (User)  
 Freq. Response: 5Hz to 15MHz, +0dB / -1dB  
 Diff. Phase / Gain: < 0.2° / 0.2% @ 3.58 / 4.43MHz

### GENERAL

AC Supply options: 240Vac (default) or 120Vac +/-20%, 50/60Hz, Class I, 6VA max., built-in thermal and over-current protection. If required, specify 120V mains voltage when ordering.  
 Mains connector is mounted on rear panel as standard, but can alternatively be mounted on front panel at any time.  
 Dimensions: 432 x 122 x 44mm, W x D x H excluding rack mount ears.  
 Mounting: Standard 1U rack mounting, reversible.  
 Weight: 1.27Kg

© 2005



Jan 2015