

VDA 6

6 Output Video Distribution Amplifier

VDA6

Video Distribution Amplifier

The VDA 6, is a professional video distribution Amplifier. The unit designed to interface with professional and broadcast video tape player and composite video source and its output to 6 video cassette duplicators or coposite video displays. A 75ohm termination switch allows for termination of the video input converting the input into a 75 ohm low impedance input. The VDA 6, has a 30 Mhz wide bandwidth which can be used with any world standard video signal.

2.0 Technical Specification

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2.1 Video

The video input is designed with a differential stage, floating ground input, which allows for rejection of line noises and video ground loops. The video input features a high impedance loop on Canare high quality BNC connectors and a switchable 75 ohm termination. To use the loop feature place the termination switch to the on position, this activates the loop output. Placing the termination switch to off, terminated the input to 75 ohm and turns the loop output off. The video output is factory calibrated such that 1 video volt in reproduces 1 video volt at the output. A front panel adjustment is available for further calibration.

Note: Proper termination prevents unwanted interference and maintains adequate video levels.

Frequency response	Flat from 0 to 6 Mhz
Bandwidth	30 Mhz
Input Impedance	75 ohms (Loop off)/ Hi Z (Loop On)
Differential gain and Phase	< 0.4%
S/N NTSC (UN weighted)	79.2 dB
S/N NTSC (Lum-Weighted)	83.1 dB

2.2 Power

The VDA 6 ships standard with a 120 volt 60 hz power supply. 240 volt units are available. The unit comes supplied with a 500 Ma 1 ¼" fuse conforming to UL and CSA standards.

3.0 Warranty

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3.1 Maintenance and Service

Maintenance should only be performed by a qualified service technician. You must observe proper electrical and anti static precautions.

3.2 Warranty

The VDA 6 comes with a conditional 1 (one) year warranty, against all manufacture defects. Unit must be returned freight pre-paid to Vellone Communication, c/o Veltronic Service, 1555 Jean-Talon East, Montreal, Quebec, H2E 1S9, Tel: 1-888 VELLONE or (514) 729-9446. Please call to obtain RA Number (Return Authorization).