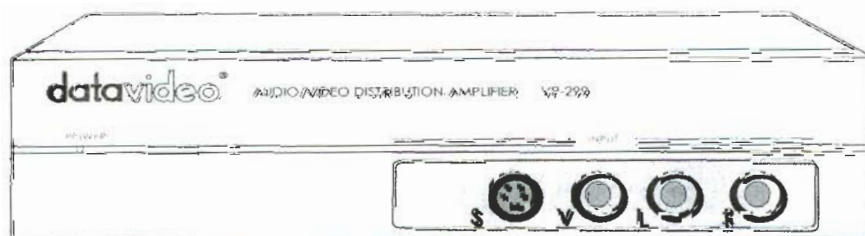


# datavideo®

## INSTRUCTION MANUAL

Audio/Video Distribution Amplifier

VP-299

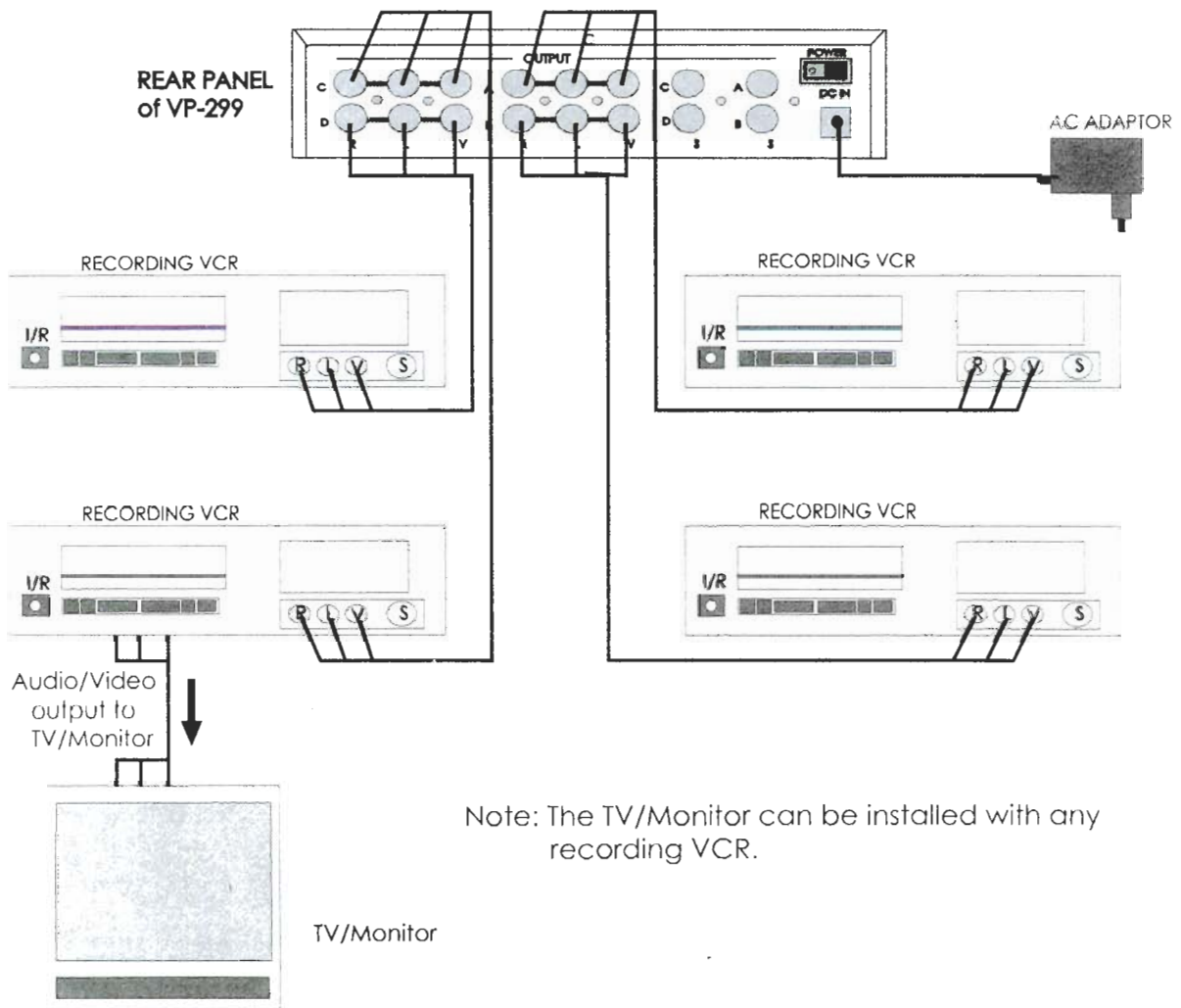
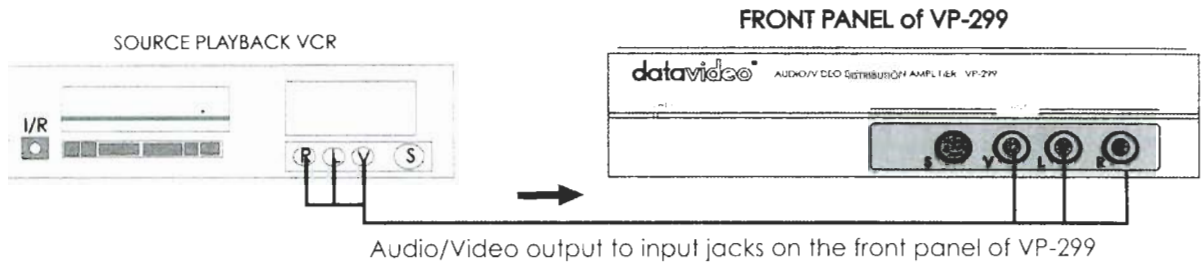


Take a single source and distribute it to four TV monitors or video recorders. The VP-299 provides wide bandwidth, low noise, and low distortion, giving you affordable but professional results. Stereo audio signals are also distributed with low distortion.

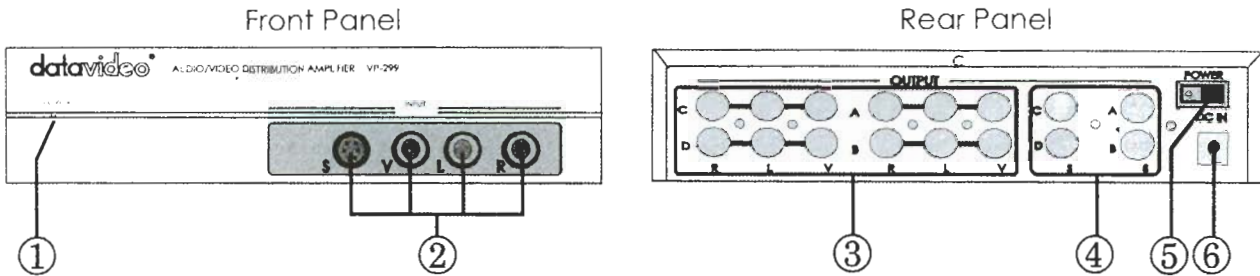
- One input to four outputs for stereo audio, Y/C and composite video.
- Input Impedance: Video 75 ohm, audio 100Kohm
- Output Impedance: Video 75 ohm, audio 1 Kohm
- Wide Bandwidth: Video > 5.5 MHz, audio: 20 to 20 KHz +/- 3dB
- Low Noise: S/N ratio: Video > 50dB, audio > 75dB
- Audio THD: < 0.03%
- Output Level: Video unity +/- 0.5dB, audio unity +/- 1dB

VHS  
S VHS  
VHS G  
S VHS G  
Video 8  
Hi 8

Installation Diagram



Front and Rear Panel Connection:



1. Power LED (LED will light up when power is on)
2. Stereo Audio, S(Y/C) Video, and Composite video input jacks
3. Stereo Audio and Composite video output jacks
4. S(Y/C) video output jacks
5. Power ON/OFF Switch,
6. DC 12V power input jack

Operation

1. Install the equipments as shown in the installation diagram.
2. Turn the power switch on of VCRs and VP-299. The VP-299 power LED will light up.
3. Set all recording VCRs to record mode.
4. Playback the source VCR for video recording.

**Specifications:**

**INPUTS**

1 S(Y/C) Video & 1 Composite Video Source

1 Stereo Audio Source

Y/C in: 4--pin 75 ohm DIN connector  
Composite Video Out: 75 ohm RCA connector, Level: 1.0 Vp-p  
Stereo Audio RCA Connector

**OUTPUTS**

4 S(Y/C) Video Source & 4 Composite Video Source

4 Stereo Audio Source

Y/C out: 4--pin 75 ohm DIN connector  
Composite Video Out: 75 ohm RCA connector, Level: 1.0 Vp-p/ unity  
Stereo Audio RCA Connector, Impedance: 1K ohm, Level: unity

**GENERAL**

**VIDEO**

Frequency Response

S/N Ratio

Output Level

S-Video 5.5 MHz , composite video 5.0MHz  
+/- 3 dB  
> 50 dB  
Unity +/- 0.5dB

**AUDIO**

B/W

THD

S/N Ratio

Output Level

20 to 20KHz +/- 3dB  
0.03%  
75 dB  
Unity +/- 1dB

Power Requirement

Ambient Temperature

Ambient Humidity

DC 12V 500mA  
32° - 131° F (0° -55° C)  
Less than 90 %  
210 m/m (W) x 210 m/m (D) x 55 m/m (H)  
RCA/RCA and S-Video/S-Video cables



<http://www.datavideo-tek.com>