

4WAY PC DISTRIBUTION AMPLIFIER WITH STEREO AUDIO MODEL: AUDIO LR PCDA 1004



Innovators in Audio
Video Integrations

Creative Electronics
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We also Manufacture:

1. Audio Follow Video QXGA PC Switcher (RS232 Controlled)
2. RGB to YUV Converter
3. VGA Dist. Amp. (1 input 2 output)
4. VGA Interface
5. VGA Dist. Amp. (1 input 4 output)
6. 4 Way PC Dist. Amp. with Stereo LR Audio
7. VGA Dist. Amp. (1 input 2 output)
8. Feed Back Logic Controller
9. Audio Video Dist. Amp. (1input 4 output)
10. Audio Video Dist. Amp. (1input 2 output)
11. Projection Screen Interface Model SI-2002 (With Rack Power)
12. Dual Function Screen Interface (For Projector Lift / Screen Drapes)
13. Screen Interface for Screen and Switching 3 A V Devices.



Creative's 4 way PC Distribution Amplifier Model Audio LR PCDA-1004 is a one RGB Video -input and four RGB Video-output PC Stereo Audio RGB Video distribution amplifier specifically designed for driving multiple drops and long cables runs. **This Device works with any video resolution** as it distributes the RGBHV from any video graphics source to four separate display devices. With 350 MHz of video bandwidth, and using standard VGA cable, the **LR PCDA-1004** is capable of maintaining signal clarity with up to 150mtr. of cable. Each output is a high current driver necessary to maintain the original signal quality over long cable runs. In fact, the **LR PCDA-1004** guarantees the proper driver impedance for all outputs which helps to reduce interference and noise under all conditions. **LR PCDA-1004** is compatible with any LCD, Plasma or DLP projectors, as well as any high-end CRT monitor or Video Wall.

Key Features

- 350 MHz RGB video bandwidth
- Resolution independent
- Bi-color LED for sync presence diagnostic
- Hi-current outputs for long cable runs
- Compatible with any type of display device Transparent signal quality
- Rigid metal enclosure
- Supports any resolution or frame rate
- Internal 240VAC, 50/60 Hz, Power Supply
- **LR PCDA-1004** guarantees the proper driver impedance.

Applications

- Institutional Organisations
- Computer Centre
- Video Walls
- Auditoriums
- Home Theatre
- Rental Applications
- Board Room
- Conference Halls
- Airport / Railway Stations

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Technical Specifications

RGB Video

Gain	Unity
Bandwidth	350 MHz (-3dB)

Video Input

Number / Signal Type	1 / RGB (computer video)
Connectors	1 female 15-pin HD
Impedance	75 ohms
Horizontal Frequency	15 kHz to 145 kHz
Vertical Frequency	30 Hz to 170 Hz

Video Output

Number / Signal Type	4 / RGB (computer video)
Connectors	4 female 15-pin HD
Nominal Level	0.7 Vp-p for RGB
Impedance	75 ohms

Sync

Signal Compatibility	RGBHV
Input Level	1V to 5 Vp-p
Output Level	TTL
Input Impedance	200 ohms
Output Impedance	47 ohms
Output Sync Polarity	Auto-compensates for the input sync polarity so the output sync will be of proper level and polarity regardless of input sync levels or polarity.

Audio

Frequency Response	20-20KHz
THD + Noise	<1% at +18dBu
Channel Separation	Better than 80dB

Audio Input

Number / Signal Type	1 / Stereo (LR)
Connectors	(1) 3.5 mm Terminal Block, Screw connectors
Impedance	47K
Nominal Level	-10 dBV (316 mVrms)

Audio Output

Number / Signal Type	4 / Stereo (LR)
Connectors	(4) 3.5 mm Terminal Block screw connector
Impedance	100 ohms
Gain Error	Adjustable +/- 3dB
Nominal Level	-10 dBV (316 mVrms); +18dBu Max

General

Power	220v AC @ 50-60Hz
Rack Mount	Optional – Rack Mount Kit for 19" Rack
Cabinet Type	Metal / (Aluminum as per requirement)
Enclosure Dimensions	H 2.5" x W 8" x D 6"
Product Weight	
Shipping Weight	
Warranty	1 year with parts and labor

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