

RDL™ *Radio Design Labs*

Specialists in Practical Precision Engineering™



RACK-UP™ SERIES

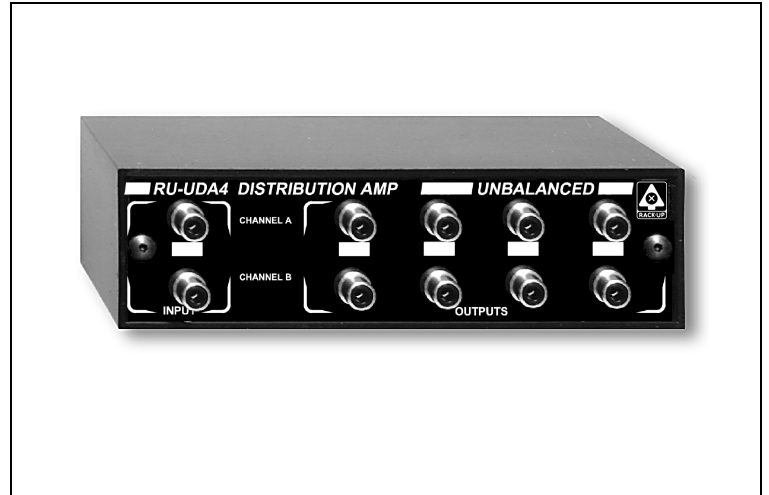
Model RU-UDA4

Unbalanced Audio DA

ANYWHERE YOU NEED...

- Stereo Unbalanced Audio Distribution
- Unity Gain on Both Channels
- 4 Outputs per Channel
- Standalone or Rackmount
- Exceptional Audio Performance
- 1/3 Rack, High-Density Rack Mounting

You Need The RU-UDA4!



The RU-UDA4 is part of the group of RACK-UP products from Radio Design Labs. RACK-UPs feature the advanced circuitry for which RDL products are known, combined with accessible user-friendly controls and displays. The ultra compact design permits high density installations, with THREE products mounted in a single rack unit! Single RACK-UPs can be mounted right where they are needed using the adhesive mounting method popularized by RDL's STICK-ON™ series of products. Optional brackets permit mounting a RACK-UP module above, below, or in front of any flat surface!

APPLICATION: The RU-UDA4 is the optimum choice where connectorized, unbalanced line level distribution is needed. This unit features two separate, isolated channels. The RU-UDA4 may be used in stereo applications, or as two individual monaural distribution amplifiers. The input signals are buffered through output line drivers, providing 4 separate line-level unbalanced outputs for each of the two inputs.

The RU-UDA4 performance is tailored around industry-standard, -10 dBv input/output levels. Excellent frequency response, phase response, distortion and low noise performance combine to produce the audio clarity and precision for which RDL products are well known.

Standard phono input and output connectors are firmly attached to the steel front panel for superior mechanical integrity. The 24 Vdc power supply input is on full-size barrier block connections on the rear panel. The RU-UDA4 may be operated on 12 Vdc with a decrease in headroom.


The RU-UDA4 is the ideal companion to RDLs RU-VDA4 Video Distribution Amplifier in video facilities where unbalanced audio is used. In any facility where the ultimate in superior audio clarity, reliability, compactness and unsurpassed versatility are desired, the RU-UDA4 is the only choice.

RU-UDA4

POWER CONNECTION: Connect a single-ended 24 Vdc power source to the **+24VDC** terminal. Connect the ground return from that supply to the adjacent ground terminal. Power supply and circuit grounds are common. Note that 12 Vdc power may be used with a reduction in operating headroom.

TYPICAL PERFORMANCE

Input Connectors:	Phono	
Input Impedance:	10 k Ω unbalanced	
Output Connectors:	4 per channel phono	
Output Impedance:	100 Ω unbalanced	
Channels:	2 (left & right; may be used independently as 2 separate mono amplifiers)	
Freq. Response:	5 Hz - 50 kHz (+/- 0.5 dB)	
THD:	< 0.020%	
Noise:	< -90 dB below -10 dBv	
Crosstalk:	< -90 dB @ 1 kHz; < -80 dB @ 10 kHz; < -75 dB @ 20 kHz	
Headroom:	> 28 dB	
Supply Input:	24 to 33 Vdc @ 25 mA, Ground referenced	
Mounting:	Rack-mount using any one of several rack mount chassis accessories or other mounting accessories listed in the short form catalog or product engineering binder.	
Dimensions:	Height:	1.7 In 4.3 cm
	Length:	5.8 In 15.0 cm
	Depth:	2.0 In 5.1 cm (case only)
		2.5 In 6.4 cm (case including barrier block)

EMC:  Immunity and emission specifications published in the EMC Technical Bulletin for this product are incorporated herein.