

RDL RU-VCA2A Digitally Controlled 2 Channel Audio Attenuator

Inputs (2):	>10 k Ω Balanced bridging, or Unbalanced, line level
Frequency Response:	10 Hz to 50 kHz (\pm 0.5 dB)
THD+N:	< 0.005% (20 Hz to 20 kHz)
Gain:	Adjustable from unity to <-96 dB
Step Size:	0.5 dB
Headroom:	> 18 dB (above +4 dBu)
Residual Noise:	< -90 dB (referred to +4 dBu at unity gain)
CMRR:	>65dB(50to 150 Hz)
Crosstalk:	<-95 dB (1 kHz, typ.); < -85 dB (20 Hz to 5 kHz); < -75 dB (5 kHz to 20 kHz)
RampTimes:	0.5 second delay; then: 3 seconds to 10 seconds (UP and DOWN times individually adjustable on front panel)
Indicators (10):	Front-panel LEDs indicating relative audio level (8), MAX condition (green), MIN condition (red)
Audio Outputs (2):	150 Ω balanced (may be connected unbalanced)
Ramp Output:	0 to 10 Vdc, (Ground-referenced) Note: Not intended to drive additional VCA 0-10V inputs
EQ Ramp Output:	0 to 10 Vdc, (Ground-referenced) Note: dc taper intended only to drive RDL Loudness EQ (ST-LEQ1)
Ambient Operating Environment:	0° C to 50° C
Power Requirement:	24 Vdc @ 120 mA, Ground-referenced
Case Dimensions:	5.75" (14.6 cm) W x 1.65" (4.18 cm) H x 3.54" (9.0 cm) D;3.9" (9.9 cm) D with connectors
Package Type:	Cardboard Box
Package Dimensions:	6 x 6 x 2.625 in.
Shipping Weight:	1.335 lbs.
WEEE Weight:	1.09 lbs