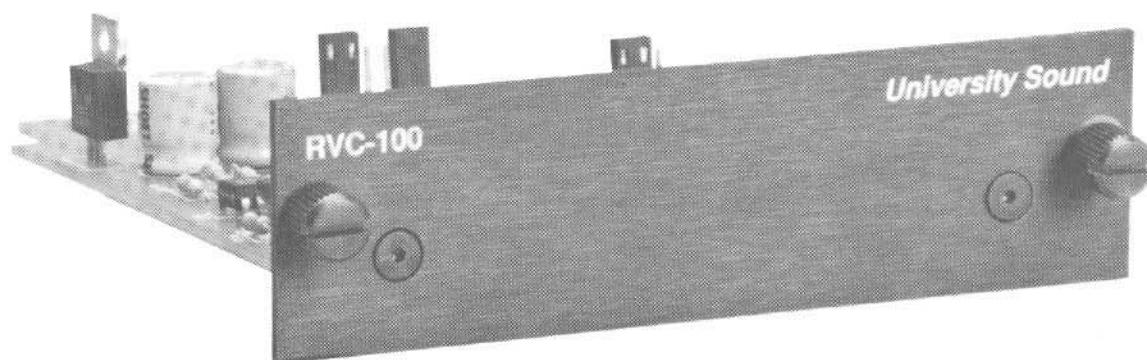




Product Data

- Four input channels
- Controls individual channel volume or master volume
- DC control via external pot
- Up to 60 dB of attenuation
- Use as a Unified Line Accessory card or stand-alone unit

Specifications:

Controls: 4 external connections

Input:
Type: Unbalanced
Impedance: 10 k Ω
Max Level: 10 dBu
Normal Level: 4 dBu

Output:
Type: Unbalanced
Impedance: 200 Ω
Max Level: 10 dBu
Load Impedance: 600 Ω

Frequency Response: 20 to 20 kHz, ± 1 dB
Operating Gain: 0 dB
Distortion: < 0.5% at 1 kHz and 4 dBu
Noise: -70 dB
(30 kHz low-pass filter)

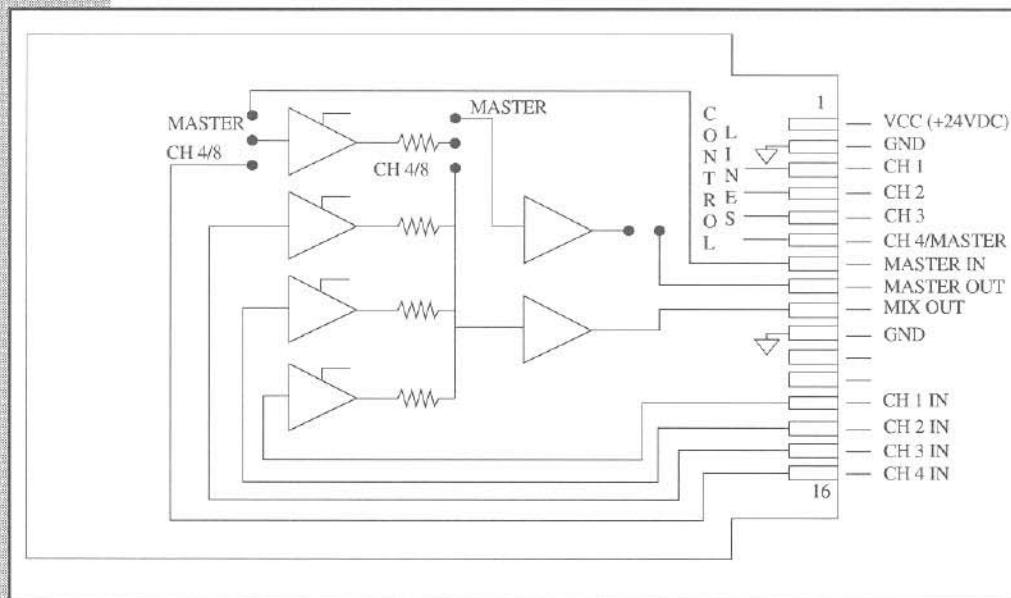
Power Requirements: 24 VDC, 100 mA
Shipping Weight: 1 lb

Description

The RVC-100 is a line level mixer with remote volume control designed to be used with the Unified Electronics Line products. The accessory card can be inserted into a MX-8 MixerDock™ mainframe, any of the 2000 Series PowerDock™ mainframes, or the MDC-200 MasterDock™ chassis. The RVC-100 can be used to remotely control the volume of individual channels or the master volume of Unified Line mainframe units. Up to 60 dB of attenuation is

possible by connecting an external 10 kΩ potentiometer to the control terminals of the RVC-100. All control signals are DC voltage to eliminate problems caused by long audio signal runs. Unified mainframe input channels are automatically connected to the RVC-100 when the accessory card is inserted. When used in a MDC-200 MasterDock™ chassis, the RVC-100 acts as a stand-alone line level 4 channel mixer with remote volume control.

Block Diagram



Architects's, Engineer's and Consultant's Specifications

The line level mixer with remote volume control shall be the University Sound Model RVC-100. It shall have 4 input channels and be capable of providing up to 4 channels or up to 3 channels and master volume of remote control when used in a Unified Electronics MixerDock™ model MX-8, or MasterDock™ model MDC-200. The RVC-100 shall be capable of providing up to 3 channels of remote control plus master volume remote control when used in a Unified Electronics PowerDock™ 2000 Series mainframe unit. Up to 60 dB of signal attenuation shall be possible when an external

10 kΩ potentiometer is connected to the control terminals that are brought out to the rear of the Unified mainframe unit. Push-on jumpers located on the accessory card PCB shall enable the selection of the proper operating mode. The RVC-100 shall have a frequency response of 20 Hz to 20 kHz ± 1 dB and less than 0.5% distortion when operated at 1 kHz and 4 dBu. The RVC-100 shall be powered from 24 VDC at 100mA. The RVC-100 shall be fully compatible with all Unified Electronics Line products. The Model RVC-100 has been specified.



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