

# VA-14

## 4-Channel Balanced Audio Mixer



The VA-14 is a high-performance 4-channel mixer for mono balanced audio signals on XLR connectors. The unit inputs four channels of any combination of balanced, line or microphone level audio signals, and outputs to two balanced mixed audio outputs and a headphone signal output.

### FEATURES

- **Phantom Power** - 48V DC on each input (individually selectable).
- **Input** - 4 line or microphone level (individually selectable).
- **Output** - 2 line or microphone level (individually selectable) - 1 phone output.
- **S/N Ratio** - Mic in, phones out: 45.3dB; line in, phones out: 83.3dB; line in, line out: 84.3dB; mic in, line out: 64dB.
- **Level (Gain) Control** - Individual for each input & master and headphone output.
- **Desktop Size** - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.

### TECHNICAL SPECIFICATIONS

<b>INPUTS:</b>	4 balanced audio, line or mic, on XLR (F) connectors.
<b>OUTPUTS:</b>	2 audio, balanced on XLR (M) connectors; 1 headphone output on a 6.5mm connector.
<b>MAX. OUTPUT LEVEL:</b>	Line: 20Vpp; Phones: 4.5Vpp; Mic: 300mVpp.
<b>BANDWIDTH (-3dB):</b>	>40kHz.
<b>S/N RATIO:</b>	Mic in, phones out: 45.3dB; line in, phones out: 83.3dB; line in, line out: 84.3dB; mic in, line out: 64dB.
<b>CONTROLS:</b>	Line in, line out: <-57dB to -14.3dB; mic in, line out: <0dB to 60.5dB; line in, phones out: <-47dB to -18dB; mic in, phones out: <0dB to 58.9dB; in level and master/phones level, min to max position for both line in, mic out range: <-50dB to -25dB; mic in, mic out range: <0dB to 21.6dB; underside slide switches: inputs: line/mic and +48V phantom ON/OFF; Outputs: Line/Mic.
<b>COUPLING:</b>	IN: AC; OUT: bal line/mic, DC; phones, AC.
<b>AUDIO THD + NOISE:</b>	Line in, line out: 0.007%; mic in, line out: 0.15%; line in, phones out: 0.085%; mic in, phones out: 0.38%.
<b>AUDIO 2nd HARMONIC:</b>	Line in, line out: 0.001%; mic in, line out: 0.005%; line in, phones out: 0.009%; mic in, phones out: 0.024%.
<b>POWER SOURCE:</b>	12V DC, 250mA.
<b>DIMENSIONS:</b>	21.5cm x 16.2cm x 4.4cm (8.46" x 6.38" x 1.73") W, D, H.
<b>WEIGHT:</b>	1.4kg (3.1lbs) approx.
<b>ACCESSORIES:</b>	Power supply.
<b>OPTIONS:</b>	RK-1 19" rack adapter.

