

Balanced/Unbalanced Audio Stereo Transcoder

482

The Kramer 482 balanced/unbalanced audio stereo Transcoder is a bi-directional, versatile tool converting between balanced and unbalanced stereo, the two most commonly used audio standards. The machine allows gain or attenuation while transcoding, to compensate for the 14 dB change between IHF audio levels and the newly adopted, balanced DAT input levels. Very low noise and distortion components are used throughout. The 482 has an unbalanced audio stereo input and a balanced stereo output, and in the second channel, a

balanced audio stereo input and an unbalanced stereo output. Both channels function independently. Although fed from an external 12VDC source (wall transformer, battery belt, car battery, etc.) the machine internally generates a high voltage DC supply, and is therefore capable of outputting high-level signals as required for the most demanding applications. The 482 is part of the Kramer TOOLS family of compact, high quality and cost-effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

INPUTS:	1 unbalanced audio stereo, up to 26 Vpp / 27 k on RCA connectors. 1 balanced audio stereo, up to 25 Vpp / 18 k on detachable terminal blocks.
OUTPUTS:	1 balanced audio stereo, up to 26 Vpp / 50 on detachable terminal blocks. 1 unbalanced audio stereo, up to 25 Vpp / 100 on RCA connectors.
VIDEO BANDWIDTH:	50 kHz. -3 dB.
COUPLING:	AC.
THD+NOISE:	0.013%.
2nd HARMONIC:	0.001%.
S/N RATIO:	82 dB (balanced to unbalanced), unweighted.
GAIN RANGE:	-13 to + 5.2 dB (Unbal. to Bal.), -51 to + 6 dB (balanced to unbalanced) with bottom accessible trimmers.
POWER SOURCE:	12 VDC, 150mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.3 kg. (0.66 lbs.) approx.
ACCESSORIES:	Power supply, mounting brackets.
OPTIONS:	19" rack adapter RK-T1, RK-T3 (see pages 6.24, 6.25 for details).

TYPICAL APPLICATIONS

- 📁 Video and audio production facilities.
- 📁 Audio recording studios, live sound applications.