



Stereo analog to Digital Audio Converter

6420

The Kramer 6420 is a multi-standard Stereo Analog to Digital Audio Converter. It accepts analog balanced stereo audio on detachable terminal blocks, converts and outputs it in to the most commonly used serial digital audio standards - AES/EBU, AES-ID3, S/PDIF and Toslink optical. It supports AES/EBU, IEC 958, S/PDIF and EIAJ CP340/1201. The system format bit (professional or consumer) and the sampling frequency

(32k, 44.1k or 48k) can be preset on DIP-switches. AES/EBU and AES-ID3 outputs are transformer coupled. Unprecedented analog performance for such a small unit makes it appropriate for computer-based presentations and even for professional recording studios. The 6420 is part of the new Kramer DigiTOOLS family of compact, high quality, and cost-effective solutions for a variety of applications.

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INTERFACES AND SYNC PROCESSORS



TECHNICAL SPECIFICATIONS

INPUTS:	1 analog input on detachable terminal blocks.
OUTPUTS:	4 digital audio outputs: AES 75Ω; AES/EBU; S/PDIF; Toslink Optical.
SAMPLING:	32, 44.1, 48, kHz sampling frequencies.
BANDWIDTH (-3dB):	20Hz -20 kHz.
STANDARDS:	AES/EBU; AES-ID3; S/PDIF; Toslink Optical.
GAIN:	- 14dBFS/dB.
S/N RATIO:	> 80 dB.
AUDIO THD + NOISE:	<0.01%.
POWER SOURCE:	12 VDC, 200mA.
DIMENSIONS:	12 cm x 7.5 cm x 2.5 cm (4.7" x 2.95" x 0.98", W, D, H).
WEIGHT:	0.3 kg (0.66 lbs.) approx.
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	19" rack adapters RK-T1 or RK-T3 (see pages 6.31, 6.32 for details).

TYPICAL APPLICATIONS

- Audio broadcast and production studios.
- Non-linear editing studios.
- Multimedia and presentation format conversion.