



6420N

Balanced Stereo Audio to Digital Audio
Format Converter



The 6420N is a high-performance format converter for balanced audio signals. The unit converts two channels of balanced audio signals to AES/EBU, AES-3id, S/PDIF and TOSLINK® optical digital outputs simultaneously

FEATURES

Standards - AES/EBU, AES-3id, S/PDIF, TOSLINK® optical

Sampling - 32, 44.1, 48, & 96kHz (selectable)

Professional or Consumer Bit Rate Selection

Left & Right Gain Conversion Control - 0dB, -12dB, -16dB, -20dB or -24dB

Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the recommended rack adapter



TECHNICAL SPECIFICATIONS

INPUTS:	1 balanced stereo audio line in (10k) on detachable terminal blocks
OUTPUTS:	4 digital audio outputs: AES 75Ω; AES/EBU; S/PDIF; TosLink Optical
SAMPLE RATE CONVERSION:	32kHz, 44.1kHz, 48kHz, 96kHz
MAX. INPUT GAIN:	-12dB: 3.1Vrms; -24dB: 11.5Vrms
CONVERSION GAIN:	-12dB, -16dB, -20dB, -24dB
THD+N:	Better than -92dB
IDLE CHANNEL NOISE:	Better than 99dBFS CCIR-RMS
SIGNAL-TO NOISE RATIO:	Better than 98dBFS CCIR-RMS
CONTROLS:	4 sample rate selector switches, system bit selector switch, 8 gain switches, ON LED
COUPLING:	AC
POWER CONSUMPTION:	12V DC/1.25A, 150mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
INCLUDED ACCESSORIES:	Power supply, mounting bracket
OPTIONAL:	19" rack adapters
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
Product Weight	0.1kg (0.3lbs) approx
Shipping Dimensions	23.20cm x 12.00cm x 8.90cm (9.13" x 4.72" x 3.50") W, D, H
Shipping Weight	0.5kg (1.1lbs) approx

