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