



# kramer

## 6420N

Balanced Stereo Audio to Digital Audio  
Format Converter

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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

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**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



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## TECHNICAL SPECIFICATIONS

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|-------------------------|--------------------------------------------------------------------------------------|
| 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                                                                |

