



kramer

FC-404NETxI

4x4 Audio and Dante Mixer

| Microphone - 3.5/6.5mm



FC-404NETxI is a hybrid, analog and Dante, audio cross-connect mixer. Input audio, either analog lines/microphones or Dante audio over IP channels, are mixed and cross-connected to the analog audio output lines and/or Dante audio over IP output streams. The mixer accepts PoE via its network connection

FEATURES

High Performance Standard Mixer - Professional mixer, mixing any audio inputs to any outputs, including auto analog to digital audio format conversion, flexible input or cross-connect level and output gain adjustment. As a standard-compliant mixer, it connects to any market-available AES67-compliant Dante product

Hi-quality Sound Mixer - Features a fully flexible and preset signal management. Mix, route, and distribute any inputs and outputs in any audio format via simple click and connect. Select and toggle through 10 presets in the device's embedded web pages, or use API commands for a simple setup change with Kramer's recommended room controller and adjustable level control

Professional, Open, Studio Grade Signal Conversion Technology - Includes the latest generation 32-bit advanced Digital Analog Converter architecture to achieve excellent dynamic performance and improved tolerance to clock jitter. Supports AES67 standard for open IP communication and interop. In addition, FC-404NETxI maintains the quality of the original audio signal with selectable sampling rates

Flexible Audio Cross-Connection - Fully configurable inputs, the analog lines, dynamic or condenser microphones, and audio over IP Dante channels, are mixed, format-converted and distributed to any set of outputs, either analog lines or audio over IP Dante streams

Comprehensive Unit Control and Configuration Options - Remote IP-based, or local serial, control via user-friendly embedded web pages, Protocol 3000 API commands, touch screen, or other controllers. The device is managed by Kramer Network or Dante DDM management

Versatile Powering - Powered by PoE through the Dante port or by a mains power adapter

Cost-Effective Maintenance - LED indicators for audio signals and network connection status facilitate easy local maintenance and troubleshooting. Remote IP-driven device management and optional whole site management system via built in web pages and RS-232 connection. Local and remote firmware upgrade via RS-232 or Ethernet connection tool ensure lasting, field proven deployment

Easy Installation - Single cable connectivity for both Ethernet signal and power. Compact DemiTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of two units in a 1U rack space with the recommended rack adapter



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TECHNICAL SPECIFICATIONS

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| Inputs | 4 Balanced Mono Audio Line/Mic: On 3-pin terminal block female connectors |
| Outputs | 4 Balanced Mono Audio Line: On 3-pin terminal block female connectors |
| Ports | 1 Dante Ethernet Network: On an RJ-45 female connector for 4 audio input channels and 4 output streams 1 Ethernet Network: On an RJ-45 female connector for device service 1 RS-232: On a 3-pin terminal block female connector for device serial control |
| BALANCED LINE LEVEL INPUT | Impedance: 50k Ω Maximum Level: +10dBu (2.35Vrms) Nominal Level: +4dBu Sensitivity: Full power @ +10dBu (2.4Vrms) |
| MICROPHONE LEVEL INPUT | Impedance: 10k Ω Maximum Level (Dynamic): 23mVrms Maximum Level (Condenser): -10dBu Sensitivity: Full power @ +10dBu (2.4Vrms) Phantom Power: 48VDC on/off per input |
| Line Level Output | Impedance Balanced: 500 Ω Maximum Level: +15dBu Frequency Response: 20Hz - 20kHz, \pm 0.1dB |
| Extension Line | Audio THD + Noise: <0.03% 20Hz — 20kHz at unity gain Crosstalk: <-85dB, 20Hz to 20kHz |
| Digital Channels: | Dante Sample Rates: 44.1, 48 (default), 88.2, 96kHz AES67 Sample Rate: 48kHz |
| Indication LEDs: | 4 Input signal/clipping LEDs, 4 Output signal/clipping LEDs, 1 Sys LED, 1 Sync LED, 1 Tx LED, 1 Rx LED, 1 Power on LED |
| Power | Consumption: 12V DC, 300mA Source: 12V DC, 2A, PoE-acceptor |
| Environmental Conditions | 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 |
| Regulatory Compliance (Standards Compliance) | Safety: CE Environmental: RoHs, WEEE |

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| Enclosure | Size: DemiTOOL Type: Aluminum |
| Cooling: | Convection ventilation |
| General | Product Net Dimensions (W, D, H): 19cm x 6cm x 2.7cm (7.5" x 2.4" x 1.1") Product Shipping Dimensions (W, D, H): 34.5cm x 16.5cm x 5.2cm (13.6" x 6.5" x 2") Product Net Weight: 0.3kg (0.7lbs) Product Shipping Weight: 0.76kg (1.7lbs) approx |
| Accessories | Included: Power adapter and cord |
| Product Dimensions | 19.05cm x 5.96cm x 2.74cm (7.50" x 2.35" x 1.08") W, D, H |
| Product Weight | 0.3kg (0.7lbs) approx |
| Shipping Dimensions | 34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H |
| Shipping Weight | 0.8kg (1.7lbs) approx |

