



## Audio DSP



Audio Mixing Capabilities



PEQ Adjustment



Phantom Power Switching



Indicator Lights for Network, Link etc.

Product image(s) are for illustrative purposes only and may differ from the actual product



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Audio DSP	UE-ADSP-8
DSP Type	8-Channel balanced inputs, Mic/line level, 3.81mm Phoenix plug and 12-pin audio interface with 11.5K $\Omega$ input impedance. Maximum input level 12dBu/Line, -9dBu/Mic, Phantom Power: +48VDC, 6.5mA configured in each channel.
Sampling Rate	48000 Hz
Output Channel	8-channel balanced outputs, line level
Output Impedance	1500
Frequency Response	20Hz-20000Hz ( $\pm$ 0.5dB)/Line 20Hz-20000Hz ( $\pm$ 1. SdB)/Mic
Signal Processing	32-bit fixed/floating-point DSP MHz
Audio System Delay	<1ms
Digital-Analog Conversion	24-bit
USB Port	Micro-B, Drive free
Ports	RS232 x 1, RS485 x 1, 10 Pin GPIO Port, RJ45 (TCP/IP) x 1
Indicator Light	Power, network, Link, +48V, input and output audio signal
Phantom Power Switching	48V phantom power switching for each input
Audio Mixing	Automatic mixing and matrix mixing function for audio signals
PEQ Adjustment	Minimum 16 bands PEQ adjustment for input signal and 10 bands PEQ adjustment for output signals
THD+N (Total harmonic distortion)	-90dB(at 12dBu, 1kHz, A-wt)/Line 95dB (at-7dBu, 1kHz, A-wt)/Mic
Menu Selection Button	Rotating button with selection function
Level Sensitivity Adjustment	9 Level of sensitivity adjustment for each microphone
Power Supply	AC 100V – 240V, 50/60Hz

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