

DSP88C-U1/K

8x8 DSP (With Built-In USB Sound Card & AEC)



DSP88C-U1/K is a reliable digital audio processor which is able to deliver great audio performance. It comes with 8 analog inputs and 8 analog outputs, built-in USB sound card & support AEC function which can also be use for video conference or recording.

It can be controlled by external device via RS232/485. And it supports PTZ camera control via PELCO-D/PELCO-P/VISCA and etc.

Features

- 8 Channel Analog Input & 8 Channel Analog Output
- Built-in noise gate, compressor, voltage limiter, delay, high and low pass filter
- Support Auto Mix, Matrix Mix and Routing function
- Support active feedback suppression (AFC)
- Support adaptive active noise control (ANC)
- Support adaptive acoustic echo control (AEC)
- Support 15 Bands PEQ input and 10 Bands PEQ output
- Support 48V phantom power
- Built-in USB Sound Card for recording or video conferencing
- Able to be controlled by TCP/IP, RS232/485, USB-B

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Technical Specification

Inputs:	8 channels balanced (Mic/line)
Input Interface:	Phoenix Connector
Input Impedance:	16 K Ω
Max Input Level:	+17dBu/Line, -3dBu/Mic
Phantom Supply:	+48V, for each channel
Output:	8 channels balanced (Line)
Output Impedance:	150 Ω
Frequency Response:	20Hz-20kHz(± 0.5 dB)/Line, 20Hz-20kHz(± 1.5 dB)/Mic
S/N Ratio:	110dB(@17dBu,1kHz,A-wt)/Line, 100dB(@-6dBu,1kHz,A-wt)/Mic
Total Harmonic Distortion + Noise (THD + N):	-90dB(@17dBu,1kHz,A-wt)/Line, -90dB(@-6dBu,1kHz,A-wt)/Mic
Sampling Rate:	48kHz 24-bit
Acoustic feedback cancellation (AFC):	Yes (8 channels)
Acoustic echo cancellation (AEC):	Yes (8 channels and 2 USB)
Active noise cancellation (ANC):	Yes (8 channels and 2 USB)
Controls:	TCP/IP, RS232/485, USB-B, GPIO
USB Sound Card channels:	2 x 2
Operating Temperature:	-20°C to 60°C
Power:	100 - 240VAC , 50-60Hz
Dimension (W x D x H):	483mm x 265mm x 44.5mm
Weight:	3.6kg

Typical applications

Conference rooms, Multi-purpose halls, Seminar Rooms, Bars, Ballrooms, Cultural halls, Convention Hall and etc