

## DP8001

### 8 channels Conference Audio Processor



#### Description

DP8001 is a conferencing processor with 8 inputs and 8 outputs, with DSP functions of built-in feedback suppression, automatic mixing, matrix mixer, equalizer, crossover, compressor ec.

#### Features

- 8 channels analog audio input & 8 channels analog audio output, support microphone input and line input switch freely
- Each microphone input has 9 levels of sensitivity adjustment
- Each input with 48V phantom power switch
- Each input with feedback suppressor, two levels adjustment
- with AUTOMIX automatic mixing and matrix mixing functions
- 31 bands PEQ adjustment for input and 10 bands PEQ adjustment for output
- with video tracking function, support most camera control protocols
- USB drive automatic connect with software, and support RS232 control
- Support remote control of mobile APP software
- Touch screen and wire control is supported

#### Specifications

Model	DP8001
Signal Processor	32-bit fixed/floating-point DSP 300MHz
Audio Latency	< 1ms
A/D and D/A Converters	24-bit
Sample Rate	48KHz
Input Channels	8 balanced. Mic/line level
Connectors	3.81 mm Phoenix Contact, 12-pin

Input Impedance	11.5K $\Omega$
Maximum Input Level	12dBu/Line, -9dBu/Mic
Phantom Power	+48VDC, 10mA, selectable per input
Output Channels	8 balanced, line level
Output Impedance	150 $\Omega$
Frequency	20Hz-20kHz(+0.5dB)/Line
THD+N	-90dB(@12dBu,1kHz,A-wt)/Line
SNR	105dB(@12dBu,1kHz,A-wt)/Line
USB	Micro-B type, free driver
TCP/IP	RJ-45
RS232	Phoenix seat
RS485	Phoenix seat
GPIO	Phoenix seat, Machine Archive (customizable)
LCD display & Button	LCD2402
LED Indicators	Power, Link, +48V, Input and Output Audio signal
Voltage Range	AC100V-240V 50/60 Hz
Demension	44mmx483mmx210mm
Net Weight	2.8kg
Working Temperature	-20 $^{\circ}$ C--80 $^{\circ}$ C