



产品特性 Features



- ▶最大支持模拟通道16进16出和1路USB扩展广播通道，DSP处理总线结构，并且拥有人性化的操作软件界面，具有操作简单，集成控制功能强等特点。可以满足剧场、音乐厅、远程视频会议、体育场馆、教堂、会议中心、主题公园等公共扩声系统等多方面的应用需求。
- ▶控制通道名称支持中英文标识，快捷键开/关功能模块，通道支持DCA和GROUP编组功能等。
- ▶内置反馈抑制器、回声消除器（AEC）、自动混音器、路由器、哑音、相位、幻像供电、信号发生器（粉红噪声、白噪声、正弦波）、噪声门、压限器、31段均衡器、5段参量均衡器、自动增益、延时器、分频器、限幅器、信号指示表器等功能。
- ▶配置了RS-485接口，支持自动摄像跟踪功能；RS-232双向串行控制接口：可发送或接受控制，如视频矩阵、摄像机、中控等功能。
- ▶8通道自定义输入输出的GPIO（逻辑）可编程控制接口，可实现消防联动等功能。
- ▶支持多组场景预设，场景保存等多种功能，断电自动保护记忆功能。
- ▶带USB接口（支持录音及播放功能）。
- ▶内置网页控制功能，在Windows、Android、iOS等平台上皆可快速操作，设备直联PC等设备登录预置IP网页就可以实现通道控制、场景调用、安装软件下载。
- ▶前面板具有每个输入通道和输出通道信号状态监测指示灯和信号过载监测指示灯、电源指示灯和工作状态指示灯。

- ▶Maximum support analog 16 input/output and 1 USB recorded broadcast, with friendly and easy-to-use user interface, can satisfy requirements for Theatres, Music hall, Remote control meeting, Stadium, Church, Conference center, Theme Park etc.
- ▶Each channel support DCA and GROUP function, etc.
- ▶With built-in feedback sound suppressor, AEC, 31 segments GEQ, 5 PEQ, noise gate, limiter, automatic gain, automatic mixer, router, frequency divider, threshold, filter, mute, phase, signal indicator and signal generator etc.
- ▶With RS-485 interface, support intelligent automatic camera tracking function; RS-232 Bi-directional serial control interface: transmission or acceptance control, such as video matrix, camera, central control and other functions.
- ▶8 channels customized input/output programmable GPIO control interface, can achieve fire alarm function etc.
- ▶Support scene preset function, automatic self-protective memory when power off.
- ▶With USB interface (support record and play function).
- ▶Independent software can work at Windows/Android/iOS.
- ▶The front panel has signal status monitoring indicators, signal overload monitoring indicators, power indicator and operating status indicators for each input and output channel



DP-0808AEC/DP-1212AEC/DP-1616AEC

矩阵数字音频处理器

Matrix Digital Audio Processor

DP SERIES

参数规格 Specifications

型号	DP-0808AEC	DP-1212AEC	DP-1616AEC	输入阻抗	20KΩ balance , 10KΩ unbalance
模拟输入通道	8	12	16	最大输入	24dBu
模拟输出通道	8	12	16	D/A 动态范围	120dB
GPIO数量	8,可自由配置输入输出			通道隔离度	100dB
RJ45数量	1			频率响应	20Hz~20kHz(±0.25dB)
USB数量	1,可支持录播			总谐波失真(THD+N)	≤0.009%
RS232/RS485	1			输出阻抗	100Ω balance , 50Ω unbalance
最大模拟增益	-51dB			最大输出	24dBu
幻象供电	48V			工作电源	AC 110V/220V 50Hz/60Hz
输入输出量化	48kHz/24bit			工作温度	0~40℃
A/D 动态范围	120dB				
输入共模抑制	80dB@+24dBu@60Hz				≥55dB (1000Hz)

ITEM NO.	DP-0808AEC	DP-1212AEC	DP-1616AEC	Input impedance	20KΩ balance,10KΩ unbalance
Analog input	8	12	16	Max input level	24dBu
Analog output	8	12	16	D/A range	120dB
GPIO	8,input and output could be configured freely			Channel isolation	100dB
RJ45	1			Frequency response	20~20kHz(±0.25dB)
USB quantity	1,support recorded broadcast			THD+N	≤0.009%
RS232/RS485	1			Output impedance	100Ω balance,50Ω unbalance
Maximum analog gain	-51dB			Max output	24dBu
Phantom power	48V			Power supply	AC 110V/220V 50Hz/60Hz
Quantization bits	48kHz/24bit			Temperature	0~40℃
A/D range	120dB				
Input CMMR	80dB @+24dBu@60Hz				≥55dB (1000Hz)



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