

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

矩阵数字音频处理器

Matrix Digital Audio Processor

DP SERIES



产品特性 Features



- ▶最大支持模拟通道16进16出和1路USB扩展录播通道，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。
- ▶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.

参数规格 Specifications 

型号	DP-0808AEC	DP-1212AEC	DP-1616AEC	输入共模抑制	80dB@+24dBu@60Hz
模拟输入通道	8	12	16	输入阻抗	20KΩ balance , 10KΩ unbalance
模拟输出通道	8	12	16	最大输入	24dBu
GPIO数量	8,可自由配置输入输出			D/A 动态范围	120dB
RJ45数量	1			通道隔离度	100dB
USB数量	1,可支持录播			频率响应	20Hz~20kHz(±0.25dB)
RS232/RS485	1			总谐波失真(THD+N)	≤0.002%@1kHz , +4dBu
最大模拟增益	-51dB			输出阻抗	100Ω balance , 50 unbalance
幻象供电	48V			最大输出	24dBu
输入输出量化	48kHz/24bit			工作电源	AC 110V/220V 50Hz/60Hz
A/D 动态范围	120dB			工作温度	0~40°C

ITEM NO.	DP-0808AEC	DP-1212AEC	DP-1616AEC	Input CMMR	80dB @+24dBu@60Hz
Analog input	8	12	16	Input impedance	20KΩ balance,10KΩ unbalance
Analog output	8	12	16	Max input level	24dBu
GPIO	8,input and output could be configured freely			D/A range	120dB
RJ45	1			Channel isolation	100dB
USB quantity	1,support recorded broadcast			Frequency response	20~20KHz(±0.25dB)
RS232/RS485	1			THD+N	< 0.002% @1KHz ,4dBu
Maximum analog gain	-51dB			Output impedance	100Ω balance,50Ω unbalance
Phantom power	48V			Max output	24dBu
Quantization bits	48kHz/24bit			Power supply	AC 110V/220V 50Hz/60Hz
A/D range	120dB			Temperature	0~40°C

DP-0808DANTE/DP-1212DANTE

矩阵数字音频处理器

Matrix Digital Audio Processor

DP
SERIES

Dante™



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）。
- ▶带DANTE网络音频传输接口。
- ▶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。
- ▶Support 16 input/output analog channels and 1 USB recorded broadcast channel, with DSP chip, has friendly and easy-to-use user interface, providing strong intergrated control, can meet the various sound reinforcement needs of theaters,music halls, remote video conferences,stadiums,churches,meeting centers,theme parks.
- ▶Support DCA and GROUP functions , have on/off shortcut keys.
- ▶With powerful audio processors like: feedback suppressor,AEC,31 segments GEQ, output channel 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 connection(support record and play function).
- ▶With DANTE network audio transmission interface.
- ▶Independent software can work at Windows/Android/IOS.

参数规格 Specifications 

型号	DP-0808DANTE	DP-1212DANTE	A/D 动态范围	120dB
模拟输入通道	8	12	输入共模抑制	80dB@+24dBu@60Hz
模拟输出通道	8	12	输入阻抗	20KΩ balance , 10KΩ unbalance
网络通道输入	8	12	最大输入	24dBu
网络通道输出	8	12	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)	≤0.002%@1kHz, +4dBu
RS232/RS485	1		输出阻抗	100Ω balance , 50Ω unbalance
DANTE网络	主网口+备份网口		最大输出	24dBu
DANTE网络延时	<1ms		工作电源	AC 110V/220V 50Hz/60Hz
最大模拟增益	-51dB		工作温度	0~40°C
幻象供电	48V		输入输出量化	48kHz/24bit

ITEM NO.	DP-0808DANTE	DP-1212DANTE	A/D dynamic range	120dB
Analog input	8	12	Quantization bits	48kHz/24bit
Analog output	8	12	Dynamic/Analogy range	120dB
Network channel input	8	12	Input CMMR	80dB@+24dBu@60Hz
Network channel output	8	12	Input impedance	20kΩ balance , 10kΩ unbalance
GPIO	8		Output impedance	100Ω balance , 50Ω unbalance
RJ45	1		D/A dynamic range	120dB
USB port	1, support recording and broadcasting		Channel isolation , 1kHz	100dB
RS232/RS485	1		Frequency response	20~20kHz(±0.25dB)
DANTE network	main port+Aux port		THD+N	< 0.002% @1kHz ,4dBu
DANTE network delay	<1ms		Temperature	0~40°C
Maximum analog gain	-51dB		Max level	24dBu
Phantom power	48V		Power supply	AC 110V/220V 50Hz/60Hz