



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。
- ▶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.



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)	DP-0808AEC/DP-1212AEC : ≤0.002%@1kHz , +4dBu
RS232/RS485	1				DP-1616AEC : ≤0.005%@1kHz
最大模拟增益	-51dB			输出阻抗	100Ω balance , 50Ω 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℃
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	DP-0808AEC/DP-1212AEC : ≤0.002%@1kHz , +4dBu
RS232/RS485	1				DP-1616AEC : ≤0.005%@1kHz
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℃
Input CMMR	80dB @+24dBu@60Hz				≥55dB (1000Hz)



广州市锐丰智能科技有限公司 A:广东省广州市番禺区市莲路石楼路段10号
T:020-3928 0043 F:020-39280123-8014 E:info@rfintell.com Z:511447 www.rfintell.com

Guangzhou Ruifeng Intelligence Technology Co., Ltd Address: No.10,Shilou Section,Shilian Road,Panyu District,Guangzhou,Guangdong,China
T:+86 2039280083 Mobile: +86 13609092324 F:+86-20-39280123-8014 E: mail:sales@rfintell.com Z:511447 www.rfintell.com

