

DP-36

3进6出数字音频处理器

Digital Signal Processors 3 IN 6 OUT

DP SERIES



产品特性 Features

- ▶ DP-36(3进6出)是高级先进的数字音频信号处理器。它采用最合适的高性能零件，以求取得最好的音频效果，最低的失真及噪音。采用32比特的浮点DSP处理器作为中心处理，大大提升信号处理的动态范围，比24比特的设计质量高出很多倍，这一设计亦是今天音频处理器之中最高级的设计。
- ▶ 每输入/输出带1阶和2阶全通滤波器。具有限幅控制器、输出增益控制、相位控制功能。
- ▶ 拥有友好而且容易使用的用户界面，它给输入/输出信号控制上提供最大值控制和灵活性；可以通过附带的软件连接计算机的RS485接口、USB接口和可以提供中控控制代码。可储存30个程序。
- ▶ DP-36, an advanced digital audio signal processor with two inputs and four outputs, adopts the most suitable devices of high performance to ensure the best effect ,the lowest distortion and noise.
- ▶ DP-36 adopts floating-point DSP processor with 32bits as central processing unit whose design quality is many times higher than that of 24 bits improving greatly the dynamic range of signal processing,it is also the highest design in current audio processor.With limiter control ,gain control and phase control
- ▶ DP-36 has friendly and easy-to use user interface,providing maximum control and flexibility to input and output signal control.
- ▶ DP-36 can provide the central control code and connect computer's RS485 interface through accessory software.

参数规格 Specifications

输入/输出	3路平衡输入/6路平衡输出	Input/Output	3 in/6 out
输入阻抗	10K Ω	Input	10k Ω
输出阻抗	47 Ω	Output Impedance	47 Ω
最大输入电平	+20dBu	MAX input level	+20dBu
最大输出电平	+20dBu	MAX output level	+20dBu
频率响应	15Hz~20kHz, ± 0.25 dB	Frequency response	15Hz~20kHz, ± 0.25 dB
动态范围	>115dB, 22Hz~22kHz不计权	Dynamic range	> 115dB,22Hz~22kHz
总谐波失真+噪声	<0.006%, 20Hz~20kHz@+10dBu 平衡输入	THD	< 0.006%, 20Hz~20kHz@+10dBu
	<0.0015%, 1kHz@+10dBu 平衡输入	Noise ratio	< 0.0015%, 1kHz@+10dBu
等效输入噪声	<50uV	Equivalent input noise	<50uV
采样率	96kHz	Sampling rate	96kHz
信噪比	>100dB, 20Hz~20kHz	SNR	> 100dB, 20Hz~20kHz
共模抑制比	>60dB	CMMR	> 60dB
内部通道串音	<-95dB	Crosstalk	< -95dB
模/数和数/模转换	24bit PCM	Analog Converter	24bitPCM
参数均衡器	每输入/输出通道6段参数均衡	PEQ	6 Parametric per I/O
滤波器	每输入/输出带1阶和2阶全通滤波器	Fliter	Each input/output with level 1 and level 2 all-pass fliter
延时器	每输入/输出通道1000毫秒	Delay	1000ms per I/O
分频器	Butterworth,Bessel,Linkwitz-Riley , 12, 18, 24, 36, 48dB/octave	Frequency divider	Butterworth,Bessel,Linkwitz-Riley, 12.18.24.36.48dB/octave
处理延时	4.5ms	Attack	4.5ms
外形尺寸(H×W×D)	45×483×240mm	Dimensions(H×W×D)	45×483×240mm
供电电源	50/60Hz, 90-240伏交流电	Power	50/60Hz 90-240V AC
消耗功率	<20W	Consumption power	<20W
净重	3.26kg	Net weight	3.26kg



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