

DE230

双30段图示均衡器

Double 30 Segment Graphic Equalizer

DE SERIES



产品特性 Features

►DE230图示均衡器能够满足大部份扩声工程的使用需要，它具备简单而直观的操作控制。采用了高精度的元器件，并且进行了严格的筛选，所以它的频点相当的准确，误差不超过5%，每通道输入增益调整范围 $\pm 15\text{dB}$ ，以及高通滤波器调节范围从 $10\text{Hz}\sim 250\text{Hz}$ 可调， 12dB/oct 。其他各种特性还包括45mm推子;可选的 $\pm 6\text{dB}$ 或 $\pm 15\text{dB}$ 提升衰减范围，以便进行更精确的增益调整；每个通道设有直通开关，方便信号通过均衡处理或直通工作模式切换;低噪声工作的平衡式输入和输出，直观化的设计令操作更加容易。

►DE230 graphic equalizer can meet the needs for most of the sound reinforcement projects, it has simple and intuitive operation control, with high precision components, its frequency is quite accurate, the error is not more than 5%, the input gain range of each channel is $\pm 15\text{dB}$, and the adjustment range of high pass filter is adjustable from $10\text{Hz}\sim 250\text{Hz}$, 12dB/oct . Other features with 45mm fader, optional $\pm 6\text{dB}$ or $\pm 15\text{dB}$ attenuation range, for more precise gain adjustments; Each channel is equipped with a pass-through switch to facilitate the equalization of signals or direct through working mode switch; Low noise working balanced input and output, intuitive design makes operation easier.

参数规格 Specifications

输入性能		电学性能	
输入阻抗	10K Ω , 电子平衡	频率响应	20Hz~35kHz $\pm 0.5\text{dB}$
最大输入电平	$\geq +18\text{dBu}$	本地噪声	$\leq -92\text{dB}$, 22Hz~22kHz
共模抑制比	$> -60\text{dB}@1\text{kHz}$	信噪比	$\geq 110\text{dB}$
输出性能		物理参数	
输出阻抗	$\leq 50\Omega$, 电子平衡	分离度	$\geq -70\text{dB}@1\text{kHz}$
最大输出电平	$\geq +18\text{dBu}$	失真	$\leq 0.01\%\text{THD}$, 20Hz~20kHz
滤波器特性		增益调节	$+10\text{dB}$ 至 $-\infty$
高通滤波器	直通至250Hz可调, 12dB/octave	尺寸(H $\times$ W $\times$ D)	134(3U) $\times$ 483(19 ") $\times$ 185mm
低音音调	$\pm 6\text{dB}$ shelving@50Hz 5.6dB/octave	净重	3kg
高音音调	$\pm 6\text{dB}$ shelving@14kHz 4.3dB/octave	额定电压电流	220~230V/50Hz, 20W
滤波器频率特性	$\pm 15\text{dB}$, ISO标准中心频率, $Q=4$		

Input function		Electrical properties	
Input impedance	10K Ω , electronic equilibrium	Frequency response	20Hz~35kHz $\pm 0.5\text{dB}$
Maximum input	$\geq +18\text{dBu}$	Ground noise	$\leq -92\text{dB}$, 22Hz~22kHz
levelCMRR	$> -60\text{dB}@1\text{kHz}$	Noise Signal Ratio	$\geq 110\text{dB}$
Output function		Separation	$\geq -70\text{dB}@1\text{kHz}$
Output impedance	$\leq 50\Omega$, electronic equilibrium $\geq$	Distortion	$\leq 0.01\%\text{THD}$, 20Hz~20kHz
Maximum output level	$+18\text{dBu}$	Gain Control	$+10\text{dB}$ 至 $-\infty$
Filter characteristic		physical parameter	
Filter characteristic	to 250Hz adjustable, 12dB/octave	Dimension(H $\times$ W $\times$ D)	134(3U) $\times$ 483(19 ") $\times$ 185mm
Low EQ	$\pm 6\text{dB}$ shelving@50Hz 5.6dB/octave	Net weight	3kg
High EQ	$\pm 6\text{dB}$ shelving@14kHz 4.3dB/octave	Rated voltage and current	220~230V/50Hz, 20W
Fliter frenquency characteristics	$\pm 15\text{dB}$, ISO nominal mean frequency, $Q=4$		



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