



US series

US 系列音箱处理器 US24/US26/US36/US48/US88 US SERIES LOUDSPEAKER SYSTEM PROCESSOR

- 采用第四代SHARC ADSP-21489高性能浮点DSP芯片,强大的音频处理能力
- 96KHz采样频率保障捕捉声音细节,AD/DA动态范围达118dB
- 采用进口ELNA电容,精选音频专用器件,保障处理器对声染色的影响降低到最小
- 高性能指标:动态范围>110dB,THD+N<0.0025%,设备最小固定延时<2ms
- 内置粉红/白噪声/正弦发生器
- 参量均衡器类型:PEQ/Lo-Shelf/Hi-Shelf/Allpass1/Allpass2(全通滤波器可用作相位调节)
- 高低通滤波器:Bessel/Butterworth/Link-Riley的斜率从6-48dB/Oct范围内可选
- 输入输出可调延时达1000ms,精度0.02ms
- 输入通道:噪声门、反馈抑制器、10段参量均衡、3段动态均衡器、高低通、压缩器、延时
- US88 8路输入支持线路/麦克风切换,支持麦克风幻象供电
- 输出通道功能:矩阵混音,10段参量均衡/高低通/压缩器/限幅器/延时器
- 以太网+USB+RS232/485控制接口,开放TCP/IP及串口协议实现第三方控制
- 灵活的GPIO端口(输入输出各2个)便于系统集成联控(可选GPIO扩展盒)
- PC 软件搜索发现处理器,支持23组场景预设,可灵活调用

- Using the fourth generation SHARC ADSP-21489 high performance floating-point DSP chip, powerful audio processing capabilities
- 96KHz sampling frequency ensures sound detail capture, AD/DA dynamic range up to 118dB
- Adopting imported ELNA capacitor and select special audio device, the effect of the processor on the sound dyeing is minimized
- High Performance Index: Dynamic Range >110db,THD+N<0.0025% , minimum fixed delay> 2ms
- Built-in pink/white noise/sinusoidal generator
- Parameter equalizer type: PEQ/Lo-shelf/Hi-shelf/Allpass1/Allpass2 (all pass filter can be used as phase adjustment)
- High low-pass filter: Bessel/Butterworth/Link-riley is optional in the 6-48dB/Oct range
- Adjustable input-output delay up to 1000ms, precision 0.02ms
- Input Channel:Noise Gate,feedback suppressor,10-segment parametric equalizer,3-segment dynamic equalizer,high-low pass,compressor,delay
- The US88 8-WAY input supports line/microphone switching and supports microphone phantasm power
- Output Channel function:matrix mixer,10-segment parameter equalization, high and low pass, compressor, limiter, delay
- Ethernet+USB+RS232/485 control interface, open TCP/IP and serial protocol to achieve third-party control
- Flexible GPIO ports (2 for input and 2 for output) for integrated system control [optional GPIO expansion box]
- PC software search discovery processor, support 23 sets of scene presets, can be flexibly called

SPECIFICATIONS

型号MODEL	US24	US26	US36	US48	US88
输入输出通道 INPUT/OUTPUT CHANNELS	2进4出 2 IN/4 OUT	2进6出 2 IN/6 OUT	3进6出 3 IN/6 OUT	4进8出 4 IN/8 OUT	8进8出 8 IN/8 OUT
输入输出接口 INPUT/OUTPUT CONNECTOR	输入:卡侬母座, 输出:卡侬公座 INPUT:XLR FEMALE, OUTPUT:XLR MALE				凤凰插 PHOENIX CONNECTOR
频率响应 FREQUENCY RESPONSE	20Hz-20KHz, ± 0.3dB				
信噪比 S/N RATIO	> 115dBu				
失真度 THD	< 0.003 1KHz 0dBu				
串音 CROSSTALK	< 100dB BELOW FULL SCALE				
最大输入电平 MAX INPUT LEVEL	+20dBu@1KHz				
最大输出电平 MAX OUTPUT LEVEL	+20dBu@1KHz BYPASS				
输入阻抗 INPUT IMPEDANCE	10KΩ				
输出阻抗 OUTPUT IMPEDANCE	100Ω				
数字处理部分 DSP	96KHz 24bit AD/DA 400MHz 32bit浮点FLOATING POINT DSP				
供电电源 POWER SUPPLY	AC 220V 50/60Hz 功耗POWER CONSUMPTION: < 20W				
产品尺寸 DIMENSIONS(WxDxH)mm	483X270X45				
净重 NET WEIGHT	4 KG				

US-100音箱处理器控制盒 Loudspeaker System Processor Controller

SPECIFICATIONS

型号MODEL	US-100
显示屏分辨率 DISPLAY RESOLUTION	480x480
接口类型 INTERFACE TYPE	4PIN 凤凰插座 4PIN PHOENIX CONNECTOR
供电电源 POWER SUPPLY	DC:+24V, 最大功耗Max Power Consumption 2.4W
产品尺寸 DIMENSIONS(WxHxD)mm	90.7x90.7x27.9

