

AC digital processors

AC36II 3 INPUT 6 OUTPUT DIGITAL AUDIO PROCESSOR

AC48II 4 INPUT 8 OUTPUT DIGITAL AUDIO PROCESSOR

AC88II 8 INPUT 8 OUTPUT DIGITAL AUDIO PROCESSOR



- 48kHz sampling rate, 40-bit DSP processor, 24-bit AD/DA convertor.
- Input processing includes Gain, Mute, Link, High-cut, Low-cut, Noise gate, 5PEQ, Phase, Delay.
- Output processing includes Crossover, 6PEQ, Gain, Mute, Compressor/Limiter, Phase, Delay, Link.
- Every input and output can do matrix assign freely.
- Adjustable PEQ frequency, Gain and Bandwidth, the gain step is 0.1dB, we can choose style: Peak, H-shelf, L-shelf, LP-6dB, LP-12dB, HP-6dB, HP-12dB.
- The style of all High-cut, Low-cut filter and Distributor Unit: Butterworth, Linkwitz- Riley, Bessel, Slope is-6dB/oct ~-48dB/oct.
- Adjustable compressormiter threshold, soft knee, ratio, attached time and release time. Noise gate's threshold, hold time, attached time and release time can be adjustment.
- The parameters of input and output adjusting are linkable, revisable input and output channels.
- All delay module's delay time can reach over 680ms the step is: 0.021ms.
- Parameter setting of each channel can copy freely, build-in signal generator.
- Input and Output on the front panel are equipped with 5-segment high precision level indicators, key indicators, security protection function.
- 30 user preset, 1factory preset, device parameter and single preset file can save in computer; it also can download from computer and save in the device. The device itself can store multiple preset parameters and recall freely. With PC software, one-key online made the operation more convenient.
- USB and RS232 controlling ports, Online remote control and 255 units linkable through Rs485.



SPECIFICATIONS AC

System Specification	Frequency Response	20Hz~20kHz, -0.3dBu
	S/N Ratio	>110 dBu
	Distortion(THD)	<0.01at1kHz(0dBu)
	Cross-talk	<100dB below full scale
Input Section	Type	Balanced XLR
	Max. Input Level	+15dBu
	Impedance	1M/ Ω Stereo; 500k Ω /MONO
Output Section	Type	Balanced XLR
	Max. Output Level (bypass)	+15dBu
	Impedance	<500 Ω
Digital Processing	24-bit sigma - delta converters	
	48kHz Sampling Rates	
Display	20x2LCD Display For Parameters Setting And Function Select	
Power Supply	AC~95V-264V FUSE 250VAC/2A FAST	
Dimension(LxWxH)	82x205x44CM	
Weight	2.88kg	

graphic equalisers SRQ

The SRQ range provides the quality & features sound engineers demand. The range consists of 3 models all with balanced XLR and screw terminal connectors.

The smallest of the range is the SRQ30, a one rack space 2x15 band graphic with frequencies spaced at 2/3 octaves. The input trim adjusts the overall signal level with signal & clip LEDs providing visual indication of signal levels. The cut and boost range is switchable from 6dB to 15dB and a bypass switch gives a quick active/bypass comparison.

Next is the two rack space SRQ62 with 2x30 bands of frequency adjustment spaced at 1/3 octaves. In addition to the facilities on the SBQ30 there is a switchable 40Hz high pass filter.

The top of the range SRQ62L has longer 45mm travel frequency faders for when accurate adjustment is required. 11 segment two colour bargraphs give a visual indication of the output level and a fully adjustable hi pass filter sweeps between 12 and 285Hz.



SRQ30 2x15 BAND 1U GRAPHIC EQUALISER

- Compact size 2x15 band 2/3octave graphic equaliser
- Input trim and signal / clip led indication
- Switchable cut/boost range for accurate adjustment
- Bypass switch for quick comparison



SRQ62 2x31 BAND 2U GRAPHIC EQUALISER

- 2x31 band 1/3octave graphic equaliser
- Input trim and signal / clip led indication
- Switchable cut/boost range and 40Hz high pass filter
- Bypass switch for quick comparison



SRQ62L 2x31 BAND 3U GRAPHIC EQUALISER

- 2x31 band 1/3octave graphic equaliser with 45mm travel faders
- Input trim and 11 segment two colour bargraph metering
- Switchable cut/boost range and fully adjustable high pass filter
- Bypass switch for quick comparison



SPECIFICATIONS SRQ

Centre frequencies 2/3 octave ISO freqs	SRQ30 SRQ62 SRQ62L	63Hz - 16kHz 20Hz - 20kHz 20Hz - 20kHz	Metering Meter calibration	SRQ62L SRQ62L	11 segment 2 colour bargraph -18 to +9dB, clip illuminates @ +18dBu
Frequency response		10Hz - 55kHz	Connections	Input Output	Balanced XLR and phoenix screw terminal Balanced XLR and phoenix screw terminal SRQ30 / SRQ62 : 25mm SRQ62L : 45mm
Frequency cut/boost		12dB	Fader travel		
Distortion		0.004%	Power requirements		100-240V ~ 50/60Hz
Signal to noise ratio		98dB	Power consumption		SRQ30 : 10W SRQ62 : 14W SRQ62L : 17W
Gain cut/boost		selectable 15dB / 6dB	Size (WxHxD)	SRQ30 SRQ62 SRQ62L	482mm(19")x44mm(1.75")x186mm(7.4") 482mm(19")x88mm(3.5")x186mm(7.4") 482mm(19")x132mm(5.25")x186mm(7.4")
Input trim range		infinity to +6dB	Weight (net/shipping)	SRQ30 SRQ62 SRQ62L	2.5kg(5.5lb) / 3.5kg(7.7lb) 3.5kg(7.7lb) / 4.5kg(9.9lb) 4.5kg(9.9lb) / 5.5kg(12.1lb)
Maximum input level		+23dBu balanced, +20dBu unbalanced			
Maximum output level		+23dBu balanced, +20dBu unbalanced			
Input impedance		20k ohms balanced, 10k ohms unbalanced			
Output impedance		<150 ohms			
Hi pass filter	SRQ62	40Hz @ 12dB / oct			
Hi pass filter	SRQ62L	12-285Hz @ 12dB / oct			