

Network DSP audio processor



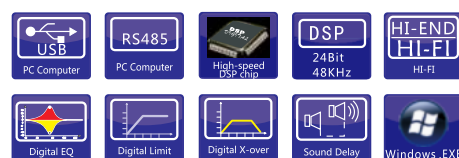
DS458/356

Network DSP audio processor



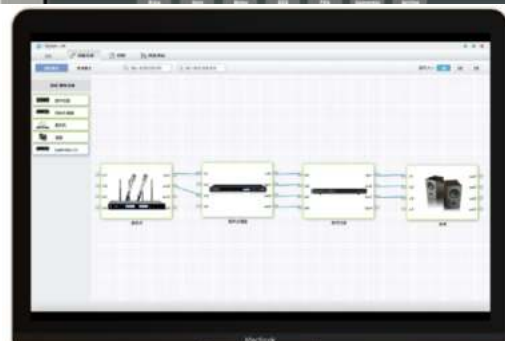
Characteristic :

- Build-in Digisyn-Link network audio model. Support AES 67 standard with 4 inputs and 4 outputs , maximum 16 signal output in one channel. Delay memory could set with 1ms, 2ms, 4ms
- High-performance AD/DA DAC chip and high-speed processing DSP chip.
- Delay: 1S for each input and 1S for each output.
- Input 7-band PEQ and Output 7-band PEQ.
- Accessibility design (Digital lock, Copy, Routing, etc.)
- Support USB/RS485 communication, could be applied to different environments



Technical Specifications

Model	DS458	DS356
Input/output	4in8out	3in6out
Input impedance	10k Ω	
Output impedance	50 Ω	
Max.input/output level	19dBu	
Input/output gain	-40~+12dB, 0.1dB step	
Input delay	0ms~1s, step 21us	
Output delay	0ms~1s, step 21us	
Input PEQ	Each channel has a 7-band parametric equalizer	
Output PEQ	Each channel has a 7-band parametric equalizer	
EQ Gain	-30~+15dB, 0.1dB step	
EQ Type	PEQ, Low shelf, High shelf	
EQ Frequency	19.7~21.9KHz	
EQ Bandwidth	PEQ 0.017~4.750 Oct	
Crossover frequency	19.7~21.9KHz	
Crossover slope	FLAT THRU, 12dB, 24dB, 36dB, 48dB	
Crossover classification	Butterworth, Bessel, Linkwitz-Riley	
Compressor threshold	-20dB~+20dB, step 0.5dBu	
Compressor ratio	1.2, 1.5, 2, 3, 4, 6, 10, 20, 40, 128:1	
Attack time	1~100ms, step 1ms	
Release time	50~1000ms, step 50ms	
Dynamic range	112dB A Weighting	
CMMR	> 40dB	
Crosstalk	< -100dB	
Distortion	0.002%(1kHz, 0dBu)	
System preset	10 appearances preset programs, 30 user programs	
Voltage	AC 90V~ 250V, 50Hz~ 60Hz	
Weight	2.81kg/2.8kg	
Size	482mm×164mm×45mm	



Outline size

