

NSP240/260/360/480

DSP Audio Processor



Characteristic :

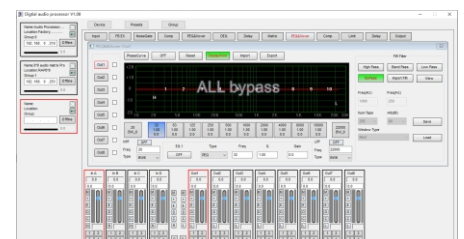
- Adopt the 4th generation DSP chip of ADSP-21489 400MHz 32/40-bit floating-point DSP with 96KHz Sampling rate;
- Use ELNA electrolytic capacitors and other world-famous audio dedicated devices to deliver a pleasant sound;
- Built-in sine, white noise, noise-splitting signal generator, and could be used as a test signal;
- Input with 3-band dynamic EQ to improve the audio performance;
- 2 * 20 LCD display to show the LED signal and status;
- Channels link and channels copy function to improve the engineer' s efficiency;
- Full port RF protection to protect the safe and reliable operation of the equipment;
- Ethernet + USB + RS232 + RS485 and GPIO port, open protocol for third-party control.

Specifications :

Model	NSP240	NSP260	NSP360	NSP480
THD+N	2 in 4 out	2 in 6 out	3 in 6 out	4 in 8 out
Input / Output THD+N	< 0.0025%			
S/N	> 112 dBA (A-Weighted)			
Frequency Response	+/- 0.5dB (20Hz~20kHz)			
AD & DA Converters	24bit-96kHz			
Max Input/Output Level	+20dB			
Parametric Equalization	Input 10-band , Output 10-band			
Filter Type	PEQ / Low-Shelf / Hi-Shelf / ALL PASS / FIR			
Crossover Section HPF/LPF	Butterworth 6/12/18/24/36/48dB per octave Bessel 6/12/18/24/36/48dB per octave Linkwitz-Riley 12/24/36/48dB per octave			
Mini fixed Delay	< 2ms			
Delay	Input and Output Delay up to 1000ms			
Power	~220V / 50 Hz			
Power Consumption	< 20W			
Device Presets	User Presets: 23			
Product size (WxDxH)	483 * 270 * 45 mm			
Packing dimension (WxDxH)	548 * 395 * 85 mm			
Gross Weight	4.7 KG			



Android Software



PC Software