

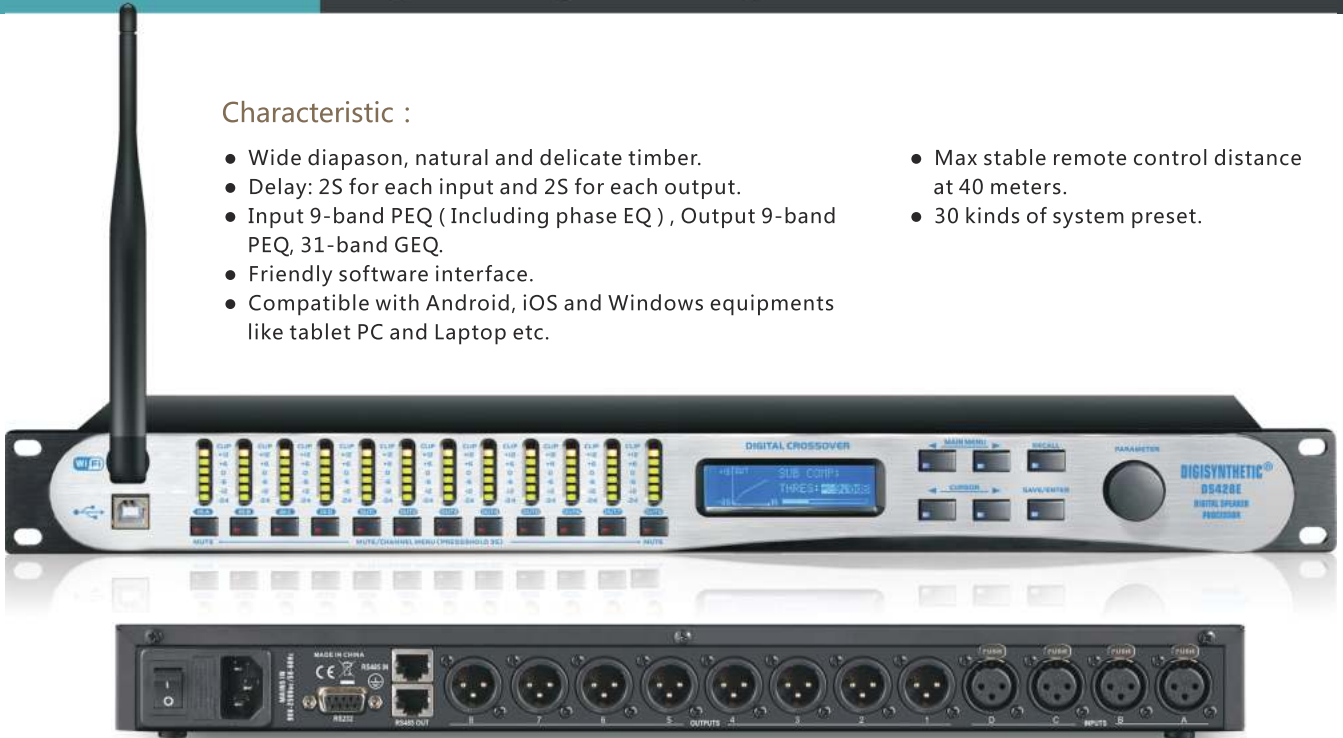
DSP Audio Processor

DS428E/226E/224E

Digital Loudspeaker Management

Characteristic :

- Wide diapason, natural and delicate timber.
- Delay: 2S for each input and 2S for each output.
- Input 9-band PEQ (Including phase EQ) , Output 9-band PEQ, 31-band GEQ.
- Friendly software interface.
- Compatible with Android, iOS and Windows equipments like tablet PC and Laptop etc.
- Max stable remote control distance at 40 meters.
- 30 kinds of system preset.



Technical Specifications

Model	DS428E	DS226E	DS224E
Input/Output	4in8out	2in6out	2in4out
Input/Output Gain	-40~+12dB, step 0.1dB		
Max Input Level	20dBu		
Input/Output delay	0ms~2s, step 21us		
Input/Output PEQ	Each channel has 9-band parametric equalizer		
EQ Gain	-30~+15dB, step 0.1dB		
EQ Type	PEQ, Low shelf, High shelf, PHASE shelf (optional)		
EQ Frequency	19.7~21.9KHz		
EQ Bandwidth	PEQ 0.017~4.75 Oct		
Input GEQ	Each channel has 31-band graphic equalizer (1/3 oct)		
Crossover	Frequency: 19.7~21.9KHz		
	Slop: FLAT THRU, 12dB, 24dB, 36dB, 48dB		
	classification: Butterworth, Bessel, Linkwitz-Riley		
Compressor Threshold	Gate: -20~+20dBu, step 0.5dBu		
	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		
CMMR	55dB		
Separation	95dB		
Distortion Degree	0.002% (1KHz, 1Vms)		
Voltage	AC 90V~250V, 50-60Hz		
Weight	3.6kg		

