

DPII SERIES SPEAKER PROCESSOR

FEATURES

- 96k Hz Sampling Frequency, 24-bit A/D and D/A converter, 32-bit DSP processor.
- 6 Models available: 2Ins/4Outs, 2Ins/6Outs, 2Ins/8Outs, 3Ins/6Outs, 4Ins/6Outs, 4Ins/8Outs.
- USB and RS485 connector are provided to be connected with PC. 250pcs of the devices can be connected together via RS485 and it can be remote controlled far from 1500m.
- 30 kinds of user programs can be stored into the device.
- Input channel functions: gain, delay, polarity, parametric EQ
- Output channel functions: gain, delay, polarity, crossover, compressor/limit, matrix, parametric EQ
- Link and control channels together
- Password lock function: lock all front panel functions/lock all front panel functions except load function

SPECIFICATION

MODEL						
Input Channel & Socket	2CHs, Female XLR	2CHs, Female XLR	2CHs, Female XLR	3CHs, Female XLR	4CHs, Female XLR	4CHs, Female XLR
Output Channel & Socket	4 CHs, Male XLR	6 CHs, Male XLR	8 CHs, Male XLR	6 CHs, Male XLR	6 CHs, Male XLR	8 CHs, Male XLR
Input Impedance	Balance: 20KΩ					
Output Impedance	Balance: 100Ω					
PC Com Port	One USB Com Port on front panel, 2 RS485 Com Port on back panel(RJ-45)					
CMRR	>70dB(1KHz)					
Input Range	≤+25dBu					
Frequency Response	20Hz-20KHz(-0.5dB)					
S/N R	>110dB					
THD	<0.01% OUTPUT=0dBu/1KHz					
Crosstalk of Channels	>110dB(1KHz)					
Functions of Input Channels						
Input Mute	Each channel has Independent Mute Control					
Input Delay	Each channel has Independent Delay Control Range:0—1000ms stepover 21us@<10ms; stepover 84us@10-20ms; stepover:0.5ms@>20ms					
Input Polarity	Same Phase + or reversed Phase -					
Input EQ	Each Input Channel has 6 Bands Parametric EQ Central Frequency Point:20Hz-20KHz, 239 frequency points totally Band Width:0.01oct-3oct @ stepover is 0.01oct Gain:-20dB-+20dB @ stepover, 0.1dB					
Functions of Output Channels						
Output Mute	Each channel has Independent Mute Control					
Output Selection	Each input channel can be selected to each output channel					
Output Gain	Range:-12dB~+12dB, step: 0.1dB					
Output Delay	Each channel has Independent Delay Control Range:0—1000ms stepover 21us@<10ms; stepover 84us@10-20ms; stepover:0.5ms@>20ms					
Output Polarity	Same Phase + or reversed Phase -					
Crossover	Each Channel can be set up LPF and HPF independently.Adjustable Parameters: Filter Types (Linkwitz-Riley/Besse/Butterworth) Frequency Turning Point:20Hz-20KHz, 239 Frequency Points Decay of Slope:12dB/oct, 18dB/oct,24dB/oct, 48dB/oct					
Limitter	Each Channel can be set up limiter independently. Adjustable Parameters: Threshold Value:-20dBu-+20dBu Stepover:0.5dBu@starting time:0.3ms-100ms Stepover<1ms @0.1ms, Stepover>1ms@1ms					
Output EQ	Each output channel can be set up as 6 Bands EQ. EQ Parameter , Lo-shelf/Hi-shelf can be selected for EQ Modes. When set as Parameter, the centre Frequency will be 20Hz-20kHz,the total Frequency points is 239.Band width:0.05 oct-3 oct.Step is 0.05 oct, Gain: -20dB-+20dB, Step is 0.1dB.When set as Lo-Shelf and Hi-shelf, the centre Frequency is 20Hz - 20k Hz,the total Frequency points is 239, the slope is 6 dB/12 dB.Gain:-20dB-+20dB.Step is 0.1 dB.					
Processor	96KHz Sampling frequency, 32-bit Floating-Point DSP					
Display	With 2*24 LCD, 8-LED input/output level. Mute and Editing mode can be displayed.					
Power	≤25W					
Power Supply	AC110V/220V 50/60Hz					
Product Dimension (W×D×H)	482×232×44mm					
Net Weight	4.1kg					
Shipping Dimension (W×D×H)	1PC:562X362X98mm/0.0199m ³			6PCS:575X375X608mm/0.1311m ³		
Gross Weight	1PC:6.1(kg)			6PCS:38.6(kg)		