



DP-SERIES PROFESSIONAL AUDIO SYSTEM

DIGITAL SPEAKER MANAGEMENT

DP24 MARK IV



DP28 MARK IV



DP26 MARK IV



DP48 MARK IV



Back DP48 MARK IV



FEATURES

1. 96K Hz sampling frequency, 32-bit DSP processor, 24-bit A/D and D/A converter.
2. 4 models available: 2 ins/4 outs, 2 ins/6 outs, 2 ins/8 outs, 4 ins/8 outs.
3. 30 user-program parameters can be stored into the device.
4. Compensation-delay, phase-control and mute settings for each input/output channel. It offers a maximum length of 1000ms of delay that can be displayed in milliseconds, meters and feet all together.

SPECIFICATION

DP24 MARK IV

DP26 MARK IV

DP28 MARK IV

DP48 MARK IV

2 IN 4 OUT

2 IN 6 OUT

2 IN 8 OUT

4 IN 8 OUT

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	>80dB (1KHz)
Delay Time Step	Each input channel has single delay control, Range: 0~1000mS; 21μS step@0~10mS; 84 μS step@ 10mS~20mS; 0.5mS step@ 20mS~1000mS
Input/Output Polarity	In-phase(+) or reversed phase(-)
Input EQ	6-bands parameter EQ ; Frequency 20Hz-20KHz; Gain:-20dB~+20dB ; Bandwidth : 0.05oct~3oct
Input Gain	Input Gain Range:-80dB~+12dB, step@0.1dB
Mute	Mute with each input& output channel
Input Selection	Each input channel can be selected to each output channel
Output Gain	Range:-80dB~+12dB, step: 0.1dB
Output Delay	Every input channel has independent delay control, adjust range:0~1000ms stepover : 21us@<10ms, ; 10ms~20ms; stepover : 84us@>20ms, stepover : 0.5ms
Crossover	Each output channel can be independently set as LPF and HPF. The parameters can be adjusted. Filter type :Linkwitz-Riley; Bessel; Butterworth. The Crossover Frequency: 20Hz~20KHz, Slope: 12dB/oct; 18dB/oct; 24dB/oct; 30dB/oct; 36dB/oct; 42dB/oct; 48dB/oct.
Limiter	Limiter with each output channel. The parameters are adjustable: Threshold value: -40dBu~+20dBu; step:0.5dBu/Stepover:0.5dBu@starting time:0.3ms-100ms Stepover<1ms @0.1ms, Stepover>1ms@1ms
Output EQ	Each output channel has 6-band EQ: 3 modes: Lo-Shelf/Hi-Shelf/Parameter. A: Lo-Shelf: Slope: 6dB/12dB; Frequency:20Hz~20kHz; Gain: -20dB~+20dB; B: Hi-Shelf: Slope: 6dB/12dB; Frequency: 20Hz~20kHz; Gain:-20dB~+20dB; C: Parameters : frequency: 20Hz~20KHz, bandwidth: 0.05oct~3oct; Step: 0.05oct; Gain: -20dB~+20dB, Step 0.1dB
Processor	96KHz Sampling frequency, 32-bit Floating-Point DSP 24-bit A/D and D/A converter
Display	With 2*24 LCD, 6-LED input/output level. Mute and Editing mode can be displayed.
Power	≤25W
Power Supply	AC 110V/220V 50Hz/60Hz
Dimension(LxWxH)	1PC : 482 x 198 x 44/562 x 294 x 98 (mm) 6PCS : 575 x 375 x 608(mm)
Weight	1PC : 3.6/4.6 (kg) 6PCS : 28.8 (kg)

All features & specifications subject to change without notice. © Natthapong Sales & Service Co., Ltd.

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