D

D series is the high quality digital speaker management which has 3 models available in D 24(offers 2 analog inputs and 4 analog outputs), D 26(offers 2 analog inputs and 6 analog outputs), D 36(offers 3 analog inputs and 6 analog outputs) currently.

Designed for maximum versatility, it provides all the process-ing and control necessary for both live and fixed installation use. Proving for any crossover configuration, managed by a powerful DSP Engine, in addition to high performance 24 bit AD/DA Converters. Each input channel provides a choice of band Parametric EQ, Gain control,RMS Limiter, internal White/Pink Noise generator and configurable Delay. Each output offers parametric equalization, in addition to the crossover filters which themselves provide slopes. Each output path also features RMS Limiter and configurable Delay.

The D series supports a full matrix mixing mode where inputs may be routed/mixed in any ratio to any output. For remote configuration and control the DSP can be connected via USB or RS485 connections. The control remote PC software allows simultaneous control up to 32 units, setting all param-eters and showing real time levels.

Model No.	D 24	D 26	D 36
Channel	2 in 4 out	2 in 6 out	3 in 6 out
Max SPL	+20dBu	+20dBu	+20dBu
Output Impedance	50Ω	50Ω	50Ω
Input Impedance	>10KΩ	>10KΩ	>10KΩ
Frequency Response	±1dB(20Hz to 20kHz)	±1dB(20Hz to 20kHz)	±1dB(20Hz to 20kHz)
SNR	92dB Typical (Weighted)	92dB Typical (Weighted)	92dB Typical (Weighted)
Common Mode Rejection Ratio	>40dB(20Hz to 10kHz)	>40dB(20Hz to 10kHz)	>40dB(20Hz to 10kHz)
Crosstalk	<−100dB	<−100dB	<−100dB
Distortion	0.005%(1kHz@0dBu)	0.005%(1kHz@0dBu)	0.005%(1kHz@0dBu)
DSP	24 Bit	24 Bit	24 Bit
Sampling Rate	48kHz	48kHz	48kHz
ADC/DC	24 Bit High−resolution Chip	24 Bit High−resolution Chip	24 Bit High−resolution Chip
Transmission Delay	2ms	2ms	2ms
Main Gain	−12 to 12dB,0.1dB / Level	−12 to 12dB,0.1dB / Level	−12 to 12dB,0.1dB / Level
Channel Gain	−18 to 0dB,0.1dB / Level	−18 to 0dB,0.1dB / Level	−18 to 0dB,0.1dB / Level
Delay	Per Input / Output Max 290ms	Per Input / Output Max 290ms	Per Input / Output Max 290ms
EQ Type	Parameter/Shev	Parameter/Shev	Parameter/Shev
EQ Gain	−15 to +15dB 0.5dB/Per Level	−15 to +15dB 0.5dB/Per Level	−15 to +15dB 0.5dB/Per Level
EQ Bandwidth	0.009 to 4.8 octaves (Q=0.3 to 20)	0.009 to 4.8 octaves (Q=0.3 to 20)	0.009 to 4.8 octaves (Q=0.3 to 20)
RMS Compressor Threshold	−10 to +20dBu	−10 to +20dBu	−10 to +20dBu
RMS Compression Ratio	1:1 to 32:1	1:1 to 32:1	1:1 to 32:1
RMS Compressor Start Time	5 to 200ms	5 to 200ms	5 to 200ms
RMS Compressor Release Time	0.1s to 3s	0.1s to 3s	0.1s to 3s
Limiter Threshold	−10 to +20dBu	−10 to +20dBu	−10 to +20dBu
Limiter Start Time	5 to 200ms	5 to 200ms	5 to 200ms
Limiter Release Time	0.1s to 3s	0.1s to 3s	0.1s to 3s
Dimension	483 × 44 × 229mm	483 × 44 × 229mm	483 × 44 × 229mm
Net Weight	4.6kg	4.6kg	4.6kg