

DC26 Digital Controller

- Band limiting to protect drivers during overload conditions
- Perfect time and phase alignment
- Optimised crossover frequencies and slope
- Reconfigurable for future additions to the Coda range



TECHNICAL SPECIFICATIONS:

Inputs	Two electronically balanced
Impedance	>10 k ohms
CMRR	>65 dB 50 Hz - 10 kHz
Outputs	Six electronically balanced
Source Imp.	< 60 ohms
Min. Load	600 ohm
Max. Level	+20 dBm into 600 Ohm load
Frequency Response	0.5 dB 20 Hz - 20 kHz
Dynamic Range	>110 dB 20 Hz - 20 kHz unwt'd.
Distortion	< 0.02 % @ 1 kHz, + 18 dBm
Maximum Delay	650 ms (increment 2.6 s Steps)
Output gain	Adjustable +15 dB to -40 dB in 0.1 dB steps and mute
Parametric Equalisation:	
Filters	5 per output
Filter gain	+15 dB to - 30 dB in 0.1 dB steps
Centre frequency	20 Hz - 20 kHz, 1 / 36 octave steps (368 positions)
Filter Q/BW	0.4 to 128 / 2.5 to 0.008
High and Lowpass filters:	
Filters	1 of each per output
Frequency (HPF)	10 Hz - 16 kHz, 1 / 36 octave
Frequency (LPF)	60 Hz - 22 kHz, 1 / 36 octave
Response	Bessel / Butterworth 12 dB, 18 dB, 24 dB per octave Linkwitz-Riley 24 dB per octave
Limiters:	
Threshold	+22 dBu to -10 dBu
Attack time	0.3 to 90 milliseconds
Release time	4,8,16 or 32 times the attack time
Connectors	Inputs 3 pin female XLR, Outputs 3 pin male XLR, RS232 (9 Pin)
Weight	3.5 kg Net (4.8 kg shipping)
Size	44 x 482 x 300 mm, 1.75" (1U) 1.73" x 19" x 11.8", excluding connectors