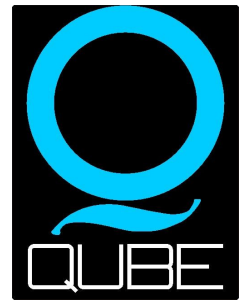


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SP-26D

SP 26 D

Digital controller

The SP 26 features 2 inputs and 6 outputs, with each of the six outputs featuring crossover filters, a 5 band parametric equalizer that also allows configurable high and low shelving filters plus a limiter and delay. Full metering is provided for the inputs and outputs, with mute and access buttons allowing quick set up and gain adjustments.

Features

- 2 Inputs and 6 outputs provide for multiple crossover formats including full stereo 3 way.
- 6 x 5 band parametric EQ, plus high and low shelving filters.
- High performance limiters on each of the 6 outputs.
- Precise 2.6 ms (less than 1 meter) delay adjustments for perfect driver time alignment.
- 80 non-volatile preset memories.
- 19 User memories
- Full and individual parameter locking .
- Delay linking option allows speaker cabinet alignment while keeping driver alignment.
- Mono sub mix is provided.
- RS 232 interfaces, provide connection to a PC enabling quick and easy updates of software and presets.
- Universal automatic voltage power supply: accommodates mains voltages from 70v to 260v for worldwide use.
- AES/EBU option is available.
- Preset Manager Software allows easy preset definition.
- Superb sound quality

SPECIFICATIONS

Inputs	Two electronically balanced.
Impedance	> 10k ohms
CMRR	>65dB 50Hz - 10kHz
Outputs	Six electronically balanced
Source Impedance	< 60ohms
Min. Load	600ohm
Max. Level	+20dBm into 600 ohm load
Frequency Response	±0.5dB 20Hz - 20kHz
Dynamic Range	>110dB 20Hz -20kHz. Unwtd
Distortion	< 0.02% @ 1kHz, +18dBm
Maximum Delay	650 mS. (Increment 2.6 µS steps)
Output gain	adjustable +15dB to -40dB in 0.1dB steps and mute
Input gain	adjustable +6dB to -40dB in 0.1dB steps
Parametric Equalisation	

Filters	5 Sections per output
Filter gain	+15dB to -30dB in 0.1dB steps
Centre frequency	20Hz - 20kHz, 1/36 octave steps. (368 positions)
Filter Q / BW	0.4 to 128 / 2.5 to 0.008
Sections switched to shelving response	
Low frequency	20Hz - 1kHz
High frequency	1kHz - 20kHz
Shelf gains	±15dB in 0.1dB steps
High and Lowpass Filters	
Filters	1 of each per output
Frequency (HPF)	10Hz - 16kHz, 1/36 octave steps
Frequency (LPF)	35Hz - 22kHz, 1/36 octave steps
Response	Bessel / Butterworth 12/18/24dB per octave and Linkwitz-Riley 24dB per octave
Limiters	
Threshold	+22dBu to -10dBu
Attack time	0.3 to 90 milliseconds
Release time	2, 4, 8, 16 or 32 times the attack time
Display	2 x 20 character backlit LCD
Input meter	2 x 3 point, -24dB to digital clip
Output meter	6 x 3 point, -24dB to +1dB into limit
Connectors	
Inputs	3 pin female XLR
Outputs	3 pin male XLR
RS232	9 pin DEE connector
Power	3 poles IEC.
Power	60 to 250V ±15% @ 50/60Hz
Consumption	< 20 watts
Weight	3.5kg. Net (4.8kg. Shipping)
Size	1.75"(1U) * 19" * 11.8" (44 * 482 * 300mm) excluding connectors
Options	Transformers available

