

EN

Specifications

Audio Inputs		
Type	XLR, HF-filtered, electronically servo-balanced	
Impedance	>50 kΩ balanced, >25 kΩ unbalanced	
Max. input level	+22 dBu, balanced or unbalanced	
CMRR	Typically >60 dB @ 1 kHz	
Audio Outputs		
Type	XLR, HF-filtered, electronically servo-balanced	
Impedance	100 Ω balanced or unbalanced	
Max. output level	+21 dBu, balanced or unbalanced	
Performance		
Bandwidth	20 Hz to 20 kHz, +0/-0.8 dB	
Frequency response	< 10 Hz to > 55 kHz, +0/-3 dB	
Signal-to-noise	+4 dBu, 20 Hz to 20 kHz, unweighted	
	Stereo mode	Mono mode
Low output	> 94 dBu	> 94 dBu
Low-mid output	—	> 98 dBu
Mid output	> 98 dBu	—
High-mid output	—	> 96 dBu
High output	> 94 dBu	> 94 dBu
Dynamic range	> 110 dB, unweighted	
THD & noise	Limiters off < 0.04 %	Limiters on < 0.5 %
Interchannel crosstalk	High to low:	< -95 dBu
	High to mid:	< -97 dBu
	Mid to low:	< -97 dBu
	High to high-mid:	< -96 dBu
	High-mid to low-mid:	< -97 dBu
	Low-mid to low:	< -98 dBu
Crossover		
Filter type	24 dB/oct., Linkwitz-Riley, state-variable	
Stereo mode Xover frequencies	X1	x10
Low / high	44 Hz to 930 Hz	440 Hz to 9.3 kHz
Low / mid	44 Hz to 930 Hz	440 Hz to 9.3 kHz
Mid / high	440 Hz to 9.3 kHz	—
Mono mode Xover frequencies	X1	x10
Low / low-mid	44 Hz to 930 Hz	440 Hz to 9.3 kHz
Low-mid / high-mid	440 Hz to 9.3 kHz	—
High-mid / high	440 Hz to 9.3 kHz	—
Function Switches		
Front panel		
Low cut	Activates 25 Hz, 12 dB/octave high-pass filter, Butterworth	
Mute	Mutes the individual output	
Phase invert	Inverts the phase at the individual output	
CD horn	Corrects CD horn frequency response above 3.5 kHz	
Limiter	Activates the limiter function for all outputs	
Rear panel		
Xover frequency	Multiplies crossover frequency range by 10	
Mode	Selects stereo/mono and 2/3/4-way operation	
LF sum	Selects normal stereo or mono-summed low frequency operation ON = Channel 1 + 6 dB louder / Channel 2: the same as before	

EN

Controls	
Input	Controls the input gain (+/-12 dB)
Xover frequency	Controls the crossover frequency
Delay	Controls the delay at the low output (0 to 2 msec.)
Gain	Controls the output gain (+/-6 dB)
Threshold	Controls the threshold of the limiter (-6 dB to OFF)
Power supply, Voltage, Current consumption	
Switch mode power supply	Autorange, 100-240 V~ 50/60 Hz
Power consumption	15 W
Mains connector	Standard IEC receptacle
Dimensions / Weight	
Dimensions (H x W x D)	44 x 483 x 147 mm (1.7 x 19 x 5.8")
Weight	1.7 kg (3.7 lbs)