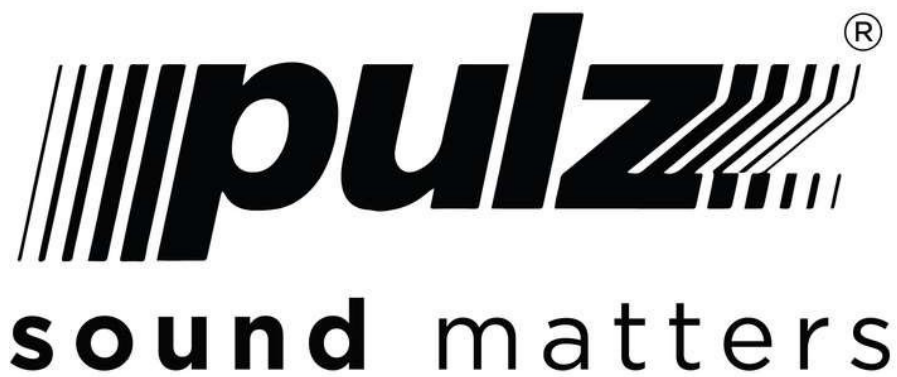




ISOWAVE 12 XO47

The Pulz ISOWAVE 12 XO47 is a dedicated active two way three channel cinema analog crossover designed to maximize the performance of the Pulz cinema speaker systems. It has 3 balanced inputs and 6 balanced outputs for the Left, Centre and Right screen channels and one independent Sub woofer channel in a 1U rack space chassis.

The filter is three way 24dB/octave Linkwitz Riley configured with low noise OPAMPS and close tolerance components. The additional features include subsonic roll-off, delays, CD horn EQ and screen loss equalization. Externally accessible thumb wheel switches are provided for LF, MF, and HF level settings.

The Pulz ISOWAVE 12 XO47 is configured for the Pulz ISOWAVE M2/D4 cinema speaker systems in Biamp mode.

The Pulz ISOWAVE 12 XO47 also provides a subsonic and low pass filter for the sub-woofer.

A sturdy rack mountable chassis, built in robust DC power supply and Phoenix type input output terminals ensures long-term reliability in all types of cinema projection booths.

FEATURES

- Active two way three channel cinema analog crossover
- Filters are 24dB/octave Linkwitz Riley
- Factory set EQ settings compatible with Pulz ISOWAVE M2/D4 cinema speaker systems
- Independent subwoofer channel

SPECIFICATIONS

Filters	24dB/octave three way Linkwitz Riley. Common 18dB/octave BW 30Hz Subsonic Filter for LF, 12dB/octave Linkwitz Riley PEQ filters for HF & MF (fixed factory set for Pulz ISOWAVE M2/D4 cinema speakers)
Crossover Frequency	250Hz, (fixed factory set for Pulz ISOWAVE M2/D4 cinema speakers)
Input - Impedance:	20K Ω Balanced
Connector:	Male 3-pin Phoenix
Max input Level:	+27dB
Output - Impedance:	150 Ω Balanced
Connector:	Male 3-pin Phoenix
Max. Output Level:	+27dB
Signal To Noise Ratio	>90dB (LF & HF out)
THD	0.007%
LF & HF Levels	Adjustable independently for each channel via front panel thumb wheel switch. 1LF/2LF level Selectable by header internally-independently for each channel.
LF & HF phase	Selectable by header internally independently for each channel
LF delay	OFF/ 0.5mS/1mS selectable by header internally -independently for each channel
Screen loss pre-emphasis:	Selectable by header internally-independently for each channel
OFF	No pre-emphasis
ON	+12dB @ 14KHz
Sub woofer output :	
LPF Filter	Fixed factory set 150Hz 24dB/octave Linkwitz Riley
Subsonic Filter	Fixed factory set 30Hz 18dB/octave BW
Sub woofer BM level	Unity gain - Fixed factory set
Power requirement	230 – 240V AC, 50Hz – 60Hz
Power consumption	10W
Unit Dimensions	W 19" (482 mm) x H 1.75" (44mm) x D 11.4"(290mm)
Net Weight	4 kg
Packed Weight	5 kg

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