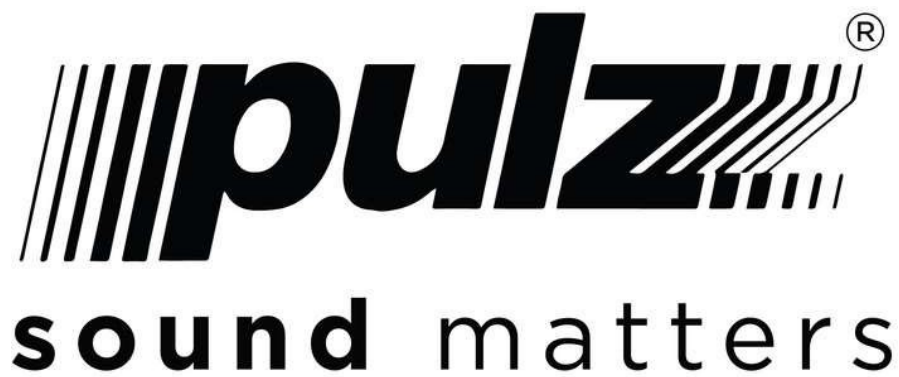




PZ XO410

The Pulz XO410 is a dedicated active three way three channel cinema analog crossover designed to maximize the performance of the Pulz cinema speaker systems. It has 3 balanced inputs and 9 balanced outputs for the Left, Centre and Right screen channels and one independent Subwoofer 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 XO410 is configured for the Pulz ISOWAVE M2/D4 cinema speaker systems in triamp mode.

The Pulz XO410 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 three 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 Frequencies	LF-MF 300Hz, MF -HF 1KHz, (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, MF & HF Levels	Adjustable independently for each channel via front panel thumb wheel switch.
LF, MF & 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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