

AS025



Active System Optimizer **AS025** is an analog processor designed to get the best performance out of subs + and satellites systems, by optimizing the separation of the signals to be sent to the high and the low section. It features two input channels, two High output channels, two Low output channels and one more Mono Low output. The crossover is a Linkwitz-Riley, 24 dB/octave type with a crossover frequency that can be selected between 80 Hz, 125 Hz and 160 Hz using internal jumpers. AS025 also includes a subsonic filter, an adjustable limiter and it provides a selectable delay of 0, 300 μ s, or 600 μ s. With the addition of an optional board, customized parametric filters can be added. Additionally, it is possible to adjust internally a shelving "air" tone control at 10 kHz.

AS025

Frequency Response	2 way stereo + mono low crossover 20 Hz - 20 kHz
Distortion THD + Noise	0.003% @ 100 Hz, 0.004% @ 1 kHz
Crosstalk Attenuation	>110 dB 20 Hz - 1 kHz, >100 dB 20 Hz - 20 kHz
Crossover Filters	24 dB/oct Linkwitz-Riley
Crossover Frequency	80 Hz, 125 Hz, 160 Hz (factory setting 125 Hz)
Limiter	sweepable
Filters	subsonic, 10 kHz shelving, parametric EQ (optional)
Delay	0, 300 μ s, 600 μ s
Connectors	XLR balanced
Power Supply	230 V AC 50 Hz or 115 V AC 60 Hz
Power consumption	28 VA
Dimensions (W x H x D)	48.3 x 4.4 x 16.6 cm
Weight	2.5 kg (5.5 lb)