

SPM4

4 Ch Stereo Passive Mixer

Stereo passive mixer (unpowered) featuring 4 input channels and 2 output channels, designed for active OEM multi-way systems where each speaker is powered by one specific amplified channel. **SPM4** mixes audio through 4 audio transformers specifically developed to achieve very low distortion and highly linear acoustic response.

SPM4 provides the ability to mix the midrange/woofer and tweeter channels coming from the amplifier and supply one single mid-high channel. The Ch1 (L/R) channels feature two inputs, one features an inverting input compared to Ch2 (L/R) channels; the mixing process often gives better results when one of the two channels undergoes a 180° dephasing.

SPM4 is especially recommended to extend the number of inputs of the Audison digital processors or amplifiers with built-in DSP because they feature a De-equalizer (De-Eq). In that case, any possible non-linear acoustic emissions due to the mixing of the pre-existing filtered channels are duly compensated.



TECHNICAL SPECIFICATIONS

Max input power	W (rms)	25
Max input power	W (peak)	50
Output Gain	dB	-3
T.H.D. (input power max)	% (100Hz)	0.5
	% (1kHz)	0.05
	% (10kHz)	0.05
Bandwidth	Hz (-3dB)	15 ÷ 75k
Crosstalk	dB (10kHz)	> 55
Input impedance	Ω	32
Out impedance	kΩ	10
Phase inverter		Ch1 (left & right)
W x H x D	mm	103,5 x 36,5 x 86,5
	in.	4.07 x 1.43 x 3.40
Weight (kg / lb.)	kg	0,24
	lb.	0.53

