

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 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

