

Product Data Sheet

ASPM
Invisible Loudspeaker

Application:

The ASPM family of products are a special version of the popular Amina AIWX invisible 'plaster over' loudspeaker products. Instead of being plastered over though, the ASPM family is designed uniquely to drive steel panel sections with thicknesses up to 1.2mm. The ASPM is attached to the rear of a powder coated steel panel, within a wall or ceiling section, thereby reproducing audio totally invisibly from the wall or ceiling surface itself. The ASPM4 is a dual channel, 40W+40W device whilst the ASPM5 is a single channel, 80W device.

Please note that the steel panel should be dampened by bonding an MDF or plywood sheet onto the back of the steel panel, directly surrounding the ASPM itself. This eradicates the natural sonorous ringing modes that will otherwise be excited in the basic steel panel.



Model numbers:

ASPM4
(Dual channel 40W+40W)
ASPM5
(Single channel 80W)

Specifications	ASPM4	ASPM5
Nominal impedance	16 + 16 Ohm	8 Ohm
Power handling	40 + 40W	80W
Frequency response (free-air)	140Hz - 20kHz (+/-6dB)	140Hz - 20kHz (+/-6dB)
Frequency response (tile mounted)	60Hz - 20kHz (+/-6dB)	60Hz - 20kHz (+/-6dB)
Efficiency (free-air)	91dB/2 .83V@1m	91dB/2 .83V@1m
Efficiency (tile mounted and when both channels are driven simultaneously)	75dB /2 .83V@1m	75dB /2 .83V@1m
Dimensions	248 x 396 x 40mm (9 3/4 x 15 1/2 x 1 1/2")	248 x 396 x 40mm (9 3/4 x 15 1/2 x 1 1/2")
Product weight	1810g (4lbs)	1810g (4lbs)
Required external filtering	24dB/octave high pass filter at 80Hz or higher (e.g. Amina AF2/80 or equivalent)	

Distribuidor em Portugal

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