

Product Data Sheet

ACPT544E

Compact pro touring loudspeaker

Application:

The Amina ACPT544E loudspeaker is a compact, slim-line, high efficiency stand or wall mount loudspeaker. For use in corporate, leisure, retail, heritage, theatre, worship or in a portable PA system, the ACPT544E utilises Amina's revolutionary flat panel technology to provide high clarity sound in a flexible package.

Sound characteristic:

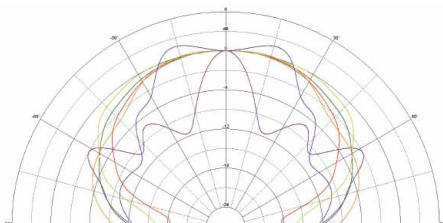
Using the principle of distributed mode vibrations, the ACPT544E's flat sound panel is driven by four compact, high power 'exciter' devices. Featuring a radial neodymium motor system the 'exciters', in combination with the lightweight composite sound panel, produce a highly efficient sound output. The distributed mode operation ensures wide dispersion and excellent integration with a room's acoustic.



Specifications	ACPT544E
Dimensions	456 x 351 x 53mm
Product weight	3kg
Acoustic panel composition	Resin-dipped honeycomb with polyester skin
Speaker fixings	Integral keyholes, M5 inserts for optional HDWB (wall mount) or SPASTD (25mm stand mount)
Efficiency	95dB @1m / 2.83Vrms
Max SPL	113dB @ 1m
Impedance	8Ohms
Frequency response	100Hz - 20kHz (+/-6dB)
Dispersion Angle	160 degrees (4kHz -6dB)
Power handling	80W max (150Hz, 24dB/octave high-pass must be used)
Electrical connection	High quality spring clamp terminal
High impedance option	5W, 10W, 20W, 40W transformer options available for 70V or 100V systems
Standard finish	Orange translucent sound panel, silver anodised outer frame, grey rear cover
Optional finishes	Paint finish to outer frame; vinyl to front

Dispersion characteristic:

Hz: 250 500 1000 2000 4000



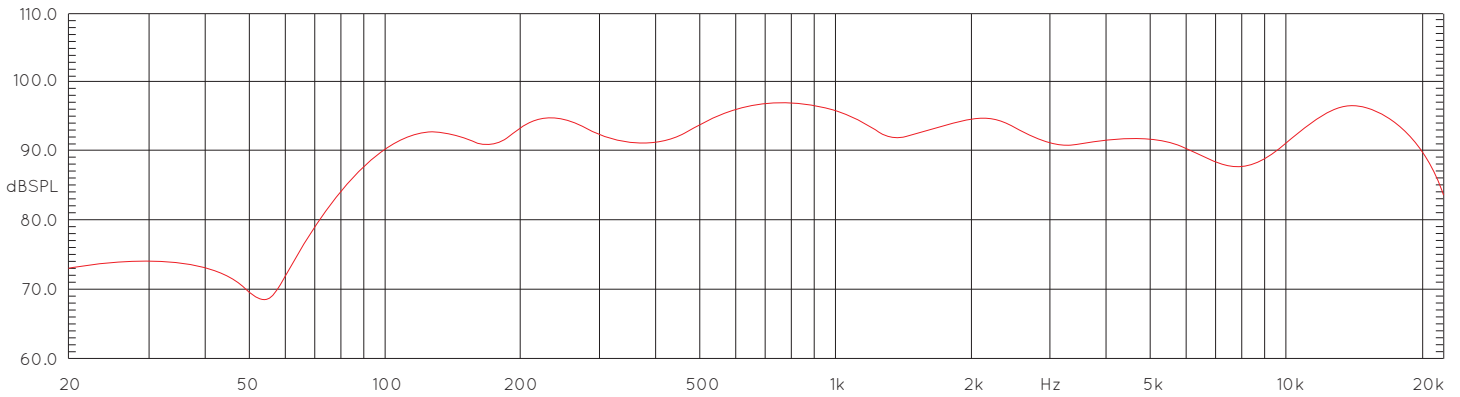
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On - Axis frequency response (2.83Vrms/1m):



Fixing options:

The Compact Pro touring loudspeakers are mounted very simply using either:

- 1 Integral keyhole slots for flush wall mounting
- 2 Amina HDWB for angled wall mounting
- 3 Amina SPASTD top hat for stand mounting

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