

Product Data Sheet

APF434WB

Wall mounted loudspeaker

Application:

The APF434WB is a slim-line, wall mounted wide dispersion loudspeaker for corporate, leisure, heritage, retail, theatre, worship and conferencing locations requiring discrete sound reproduction systems. Utilising Amina's revolutionary flat panel technology, the APF434WB can be custom finished to suit the room's décor. The light weight nature of the speaker means it can be mounted on a variety of surfaces and structures using the supplied hangers and fixings.

Sound characteristic:

Using the principle of distributed mode vibrations, the APF434WB creates a widely dispersed and diffuse sound output. The benefits are consistent sound pressure level in the room and excellent intelligibility on and off-axis.



Front view

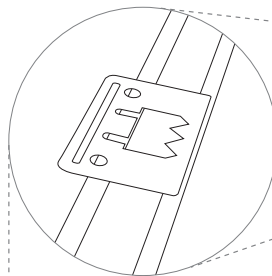
Rear view

Fixing system:

The APF434WB is supplied with 3 fixing systems:

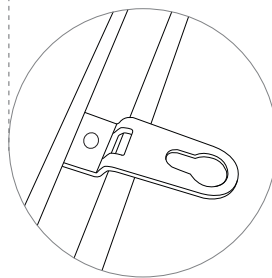
Saw-tooth hanger:

This is the basic fixing method and comes fitted to the speaker. It requires a single wall-mounted screw to hang the speaker from. It can be used in conjunction with the "T-screw" for added security.



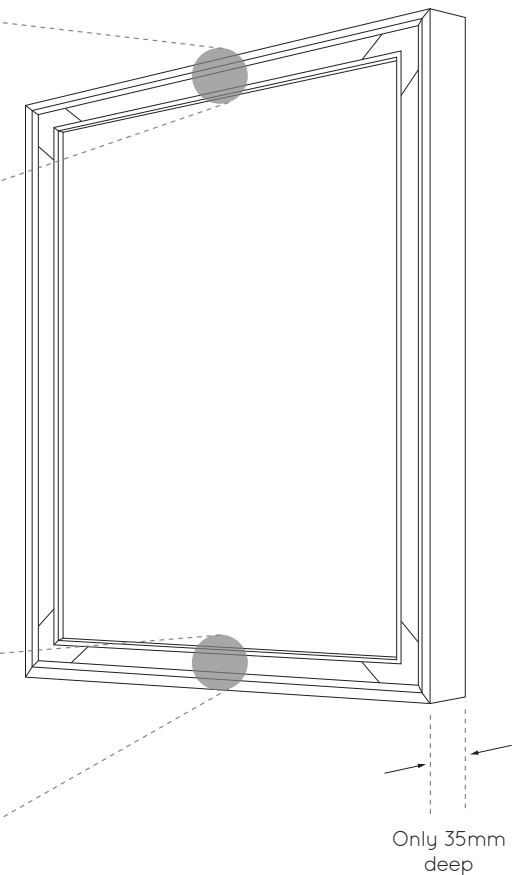
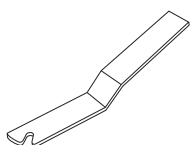
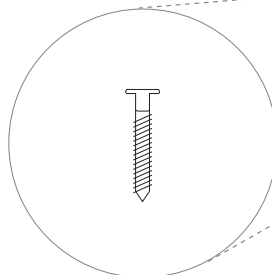
Key-hole fixings:

These allow the speaker to be permanently secured to the wall using suitable screws. They can be used in conjunction with the "T-screw" for added security.



T-screw:

This is first screwed into the wall and then, using the supplied spanner, turned 90 degrees to lock its head into the rear frame channel of the speaker. Only the spanner will allow the "T-screw" to be released.



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Custom Finishes

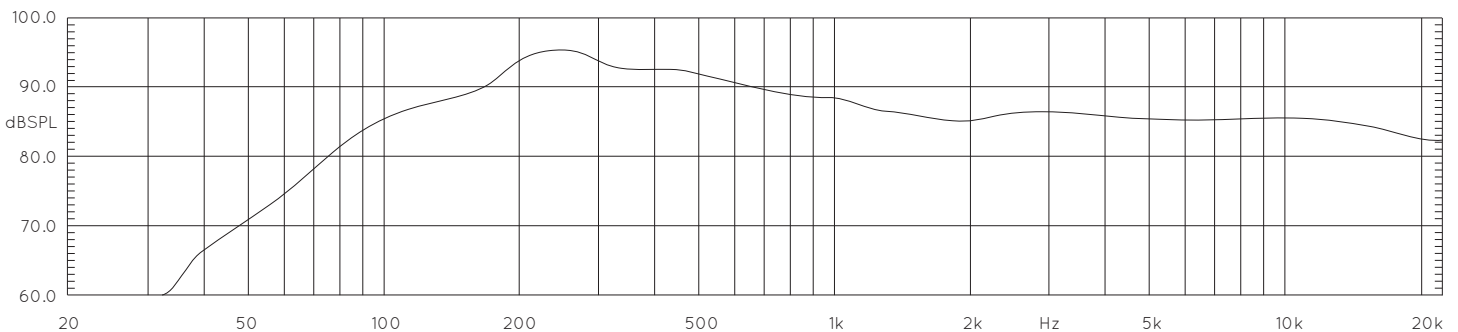
The APF434WB is supplied as standard with a white (RAL9010) front panel and silver anodised aluminium frame. For an additional cost (price on application) Amina can provide the following custom finishes:

- > Vinyl to front panel: a range of colours and effects* can be created using vinyl. Artwork supplied as a digital file can also be printed onto vinyl. This finish has the least affect on speaker efficiency.
- > Professional paint finish to front panel or frame: a durable finish in a wide variety of colours is available*.
- > Mounted and laminated artwork: customer supplied art prints can be mounted and laminated to the front panel. This finish has the greatest affect on speaker efficiency.

*Please contact Amina to discuss your exact requirements.

NB: Amina Technologies Ltd does not recommend the front panel or frame be painted by the installer or end user.

On Axis Frequency Response (2.83Vrms/1m)



Specifications	APF434WB
Dimensions	406 x 306 x 35mm
Product weight	1.37kg (1.8Kg with transformer)
Acoustic panel composition	Blown glass and phenolic resin core between melamine skins
Speaker fixings	Saw-tooth hanger / keyhole brackets / T-screw security fixing
Max SPL	102dB @ 1m
Impedance	8Ohms
Frequency response	120Hz - 20KHz (+/-8dB)
Efficiency	86dB @1m / 2.83Vrms
Dispersion Angle	150 degrees
Power handling	40 W max (80Hz, 24dB/octave high-pass must be used)
High impedance option	5W, 10W, 20 W transformer options available for 70V or 100V systems
Optional finishes	Paint finish to front or sides; print laminated to front; vinyl to front

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