



## Product Datasheet: Solid Wall Backbox:

# BACKBOX-SW

### Application:

For use with the Amina AIWX series of Invisible Loudspeakers  
The Backbox-SW makes installation into solid walls/ceilings simple.  
Designed for pre-installation, the rugged backbox readies the room for speaker installation during the earlier building stages.

### Description:

The Backbox-SW is designed for easy installation into solid or block wall/ceiling types. The box is constructed from 1.2mm thick steel and is powder coated for a durable finish.

The Backbox-SW itself is designed to be fixed directly to the inside of the solid cavity.

The input cable can be pushed through any of the four rubber grommets.

When fixed into place, the front face of the AIWX speaker will be flush with the front edge of the Backbox-SW sides.



### Installing the Backbox-SW:

- Before proceeding to install the Backbox-SW please note that the depth at which you install the backbox into the wall is critical.
- The depth must be such that the front edge of the Backbox-SW is flush with the surrounding wall area that will be finish-skimmed.
- Create a suitable cavity in the wall/ceiling to house the Backbox-SW [see product dimensions below].
- If the wall/ceiling is to be rendered it is best to do this before fitting the Backbox-SW.
- Use suitable shims behind the Backbox-SW to align its front edge to be flush with the surrounding wall/ceiling face.
- Secure the Backbox-SW into the cavity by screwing through the four slots provided in the base.
- IMPORTANT:  
BE SURE THAT ONLY A 2MM (MAX) SKIM OF PLASTER IS APPLIED TO THE FACE OF THE AIWX LOUDSPEAKER.  
CORRECT INSTALLATION OF THE BACKBOX-SW IS VITAL.

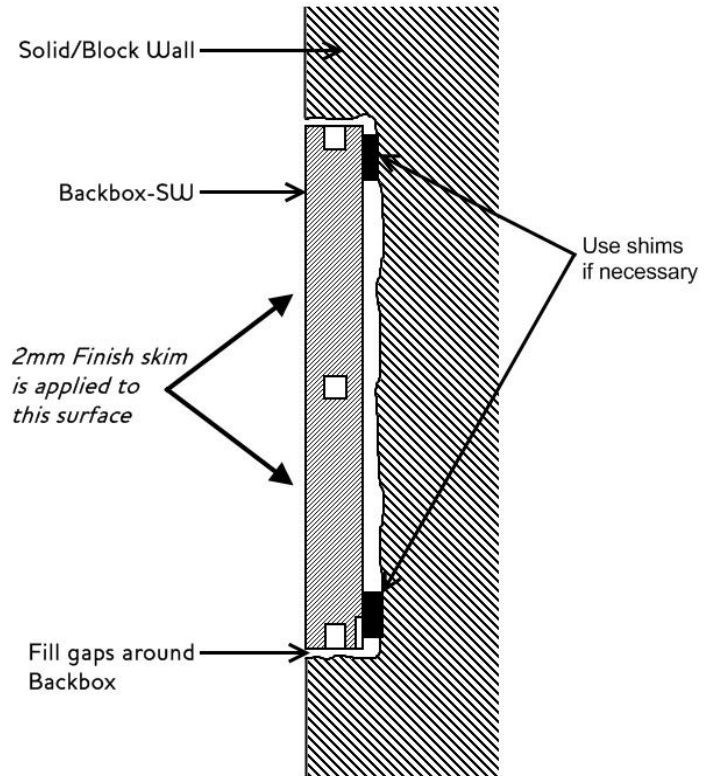


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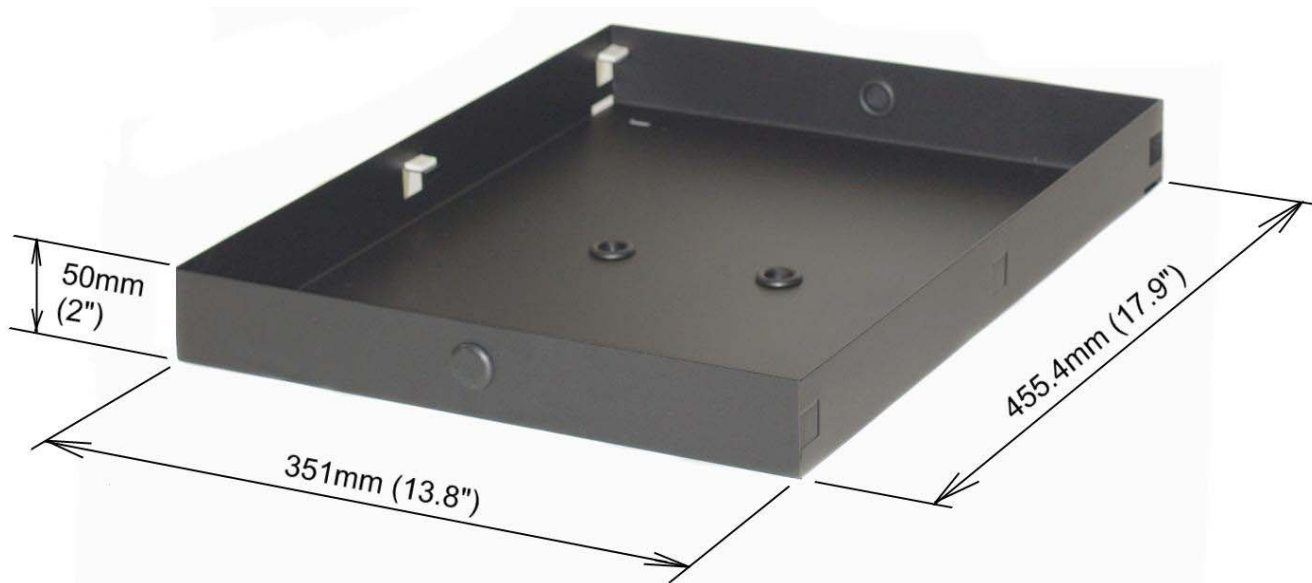


## Installing the Backbox-SW [continued]:

- Fill any gaps around the outside of the Backbox-SW.
- Use four screws (supplied), one at each corner, to fix the AIWX speaker into the Backbox-SW. Ensure each screw is tightened securely.
- IMPORTANT:  
CARRY OUT ALL NECESSARY TESTS ON THE SPEAKERS BEFORE THEY ARE SKIMMED OVER.
- Apply PVA/water mix to the AIWX speaker face.
- Apply joint (mesh) tape over the perimeter of the AIWX speaker and Backbox-SW before finish skimming.
- NOTE: FOR OPTIMUM SOUND QUALITY WE RECOMMEND THAT A 25MM (1in) THICK LAYER OF STANDARD FIBREGLASS CAVITY WALL INSULATION IS PLACED INSIDE THE BACKBOX.



## Dimensions:



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