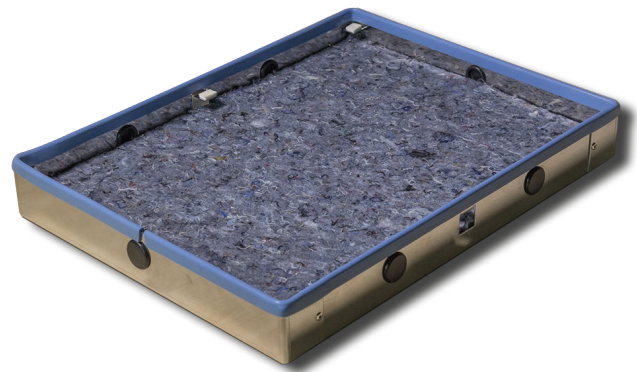# Backbox SW300

Solid Wall Backbox

DATASHEET V2.0

Product Description

The BackboxSW300 is an easy to install mounting option into solid or block walls/ceilings for Amina Invisible Loudspeakers with the dimensions 300mm x 400mm (iQ1, iQ2, iQ3, LFi2eMT, LFi4eMT).

The Backbox SW345 is a rugged, stainless steel mounting option, incorporating resonance damping, rubber allignment trim and cable entry grommets.

Installation

Designed to be installed early on in the build process, the Backbox SW345 requires an accurate cavity to be created in the solid wall or ceiling, large enough to house the backbox and achieve correct allignment.

Rubber alignment trim should be used to help accurately align the backbox during installation, using shims and screws to mechanically secure the backbox in the correct position.

It is critical that the speaker is only covered by a maximum 2mm plaster coat once installed. The correct alignment of the backbox will therefore be critical in achieving the correct covering of plaster over the speaker.

The front of the alignment trim sits such that it represents the level of the front of the speaker once installed, therefore it can be used to accurately position the backbox and achieve correct speaker alignment.

Alignment trim should be left in place whilst render is applied to the wall, only to be removed imediately prior to speaker installation. Recycled denim insulation should be removed temporarily during render application and re-installed imediately prior to speaker installation. All voids surrounding the BackboxSW should be filled with expanding foam.

Ensure structure is capable of having cavity removed without affecting its integrity before proceding with any installation work.

Please refer to the installation guide for full information on alignment and installation options.

Specifications	BackboxSW300
Dimensions	410mm x 313mm x 55mm (16$^{9/64}$" x 12$^{21/64}$" x 2$^{11/64}$")
Weight	2.15Kg
Required cavity cutout	460mm x 355mm
Approximate cavity depth	60mm
Speaker cable entry	Rubber grommets
Speaker fixing	4 x self tapping flange-head screws (supplied)
Wall fixing	4 x screws/anchors/wall plugs suitable for the wall/ceiling structure (not supplied)