



# AMINA

IMMERSIVE INVISIBLE SPEAKERS

# Backbox SW345

Solid Wall Backbox

DATASHEET V2.3



## Product Description

The BackboxSW345 is an easy to install mounting option into solid or block walls/ceilings for Amina Invisible Loudspeakers with the dimensions 345mm x 450mm (Mobius5i, Mobius7i, Edge5i, Edge7i MobiusDual).

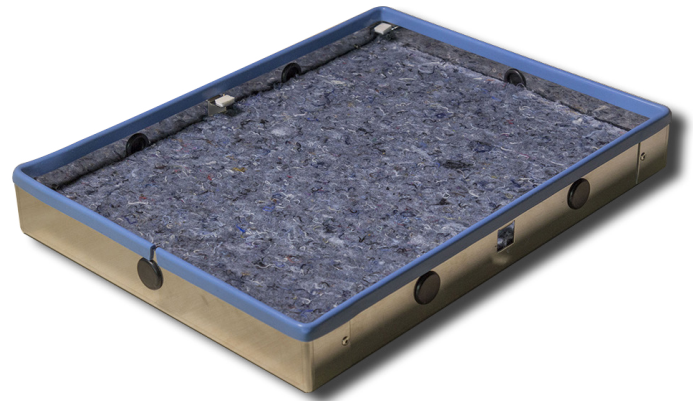
The Backbox SW345 is a rugged, stainless steel mounting option, incorporating resonance damping, rubber alignment trim and cable entry grommets.

Please note that installation into solid walls will produce relatively less low frequency when compared to a cavity wall installation, which can be compensated for using equalisation.

## Installation

Designed to be installed early on in the build process, the BackboxSW345 requires an accurate cavity to be created in the solid wall or ceiling, large enough to house the backbox and achieve correct alignment.

For Mobius speakers the 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. 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 immediately prior to speaker installation. Recycled denim insulation should be removed temporarily during render application and re-installed immediately 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 proceeding with any installation work.**

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

## Specifications

## BackboxSW345

Dimensions	464mm x 359mm x 55mm (18 <sup>9/32</sup> " x 14 <sup>5/32</sup> " x 2 <sup>3/16</sup> " )
Weight	2.8Kg (6lbs 3oz)
Required cavity cutout	468mm x 363mm (18 <sup>7/16</sup> " x 14 <sup>5/16</sup> " )
Approximate cavity depth	60mm (2 <sup>5/16</sup> " )
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)

### Amina Technologies Limited

Cirrus House, Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, England  
T: +44 (0) 1480 354390 | E: info@aminasound.com | W: www.aminasound.com