

Backbox SW200

Solid Wall Backbox

DATASHEET V2.3

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Product Description

The BackboxSW200 is an easy to install mounting option into solid or block walls/ceilings for Amina Invisible Loudspeakers with the dimensions 200mm x 450mm (Mobius5i/S200). BackboxSW200 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 BackboxSW200 requires an accurate cavity to be created in the solid wall or ceiling, large enough to house the backbox and achieve correct alignment.

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

	BackboxSW200
Dimensions	464mm x 214mm x 55mm (18 ^{9/32} " x 8 ^{7/16} " x 2 ^{3/16} ")
Weight	1.8Kg (3lbs 15oz)
Required cavity cutout	468mm x 218mm (18 ^{17/16} " x 8 ^{19/32} ")
Approximate cavity depth	60mm (2 ^{5/16} ")
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