

# Stealth Acoustics B1630

Invisible In-Wall Subwoofer Panel



Today, audio and video systems are a large element in the construction of new homes. The result can be an ever growing number of speaker grilles, boxes and hardware that compete with the decor of the living space. Stealth Acoustics is dedicated to making it all disappear. For whole house audio or surround sound, the Stealth Acoustics products offer a cost effective alternative. We call it "The End of Esthetic Pollution".

# Stealth Acoustics

## B1630

The **Stealth Acoustics B1630 in-wall subwoofer panel** is a unique solution for putting subwoofer-powered low end into a living space invisibly. The B1630 is a panel 16" by 30" that mounts directly to the structural framing of the wall replacing the drywall. The panel has an active area that moves and is surrounded by a solid mounting frame. The subwoofer panel is secured to the mounting frame, and the drywall is bonded to the panel to create a seamless transition. Similar in construction to the Stealth 228 Series 2 full range system, the B1630 has a surface on the face of the panel that is designed to be painted with latex based products. Light texture or wallpaper can also be applied.

The B1630 uses (2) 8" woofers mounted on a baffle built from 1" thick MDF. This acts as the backbone of the system. The baffle is bonded to one side of the mounting frame with the active panel mounted to the opposite side. This creates an air tight chamber. The woofers fire into this chamber, activating the entire face of the panel with the exception of the 1-3/4" mounting border. The mounting area is identified by a dashed line printed on the face of the panel. The active panel is constructed of a three layer combination of materials consisting of two layers of a high quality paper separated by a layer of Styrofoam. This creates a panel that is very light weight yet rigid enough to maintain the integrity of the wall.

### Specifications

Low Frequency Driver:  
(2) 8" Woofer with Rubber Surround, 1-1/2" Voice Coil, 20oz. Magnet  
Frequency response: 35hz – 200hz, -4db  
(Installation parameters will affect frequency response)  
Dimensions: 15-7/8" x 30"  
Depth: 3-1/4" (with 5/8" drywall)  
Shipping Weight: 1pair – 32lbs.  
Nominal Impedance: 16ohms

### Simple and Flexible Installation

When used in conjunction with 5/8" drywall, the B1630 can be installed in framing openings as narrow as 9-1/2" between studs or ceiling joists. Minimum depth is 3-1/2", common in 2x4 construction.

Since it installs like a piece of wallboard, in most cases finishing is left to the professional drywall tradesman. The A/V integrator need not pick up a trowel. The basic installation notes are printed on the face of every panel in English and Spanish. A step by step photo installation guide is shipped with every pair of speakers.

## Stealth Acoustics

1220 Anderson Road Mount Vernon, WA  
98274  
(360)848-6800 Tel. (360)424-8872 FAX  
[www.stealthacoustics.com](http://www.stealthacoustics.com)