

Be Heard, Not Seen

PSB CustomSound In-Wall Speaker System

CW28 - 8" Coaxial Speaker System

The CW28 is a 2-way rectangular in-wall system. The CW28 has been carefully optimized for a neutral and well balanced sound quality.

The 8 inch woofer with a fiberglass textured polypropylene cone has high power handling, smooth response and extended bandwidth. The 1" tweeter has a 2 piece diaphragm and suspension for low resonance and low distortion. The tweeter has a pivoting mount to allow it to be aimed towards the listener's location for most extended response.

"Dog leg" style mounting clips ensure quick and easy mounting.

Two response tailoring rotary switches allow balance adjustments to the midrange and tweeter levels. The switches can be used to optimize room acoustics and listener taste.

In-wall loudspeakers must deal with limited space within the confines behind the wall. Wall cavities are not built to any standard volume so open back in-wall speakers must work within a wide range of wall cavity volumes. PSB accomplishes this by giving the woofers higher mass and stiffness than with conventional "in room" enclosures. Extensive simulations and testing have shown that our designs deliver high-performance sound quality with a broad range of wall cavity volumes. The CW28 can be used with the CWS8 subwoofer/CWA-1 subamplifier combination.

Full 2nd order high-pass and low-pass crossover filtering is used to enhance system power handling and give enough control in the design process to achieve a smooth and very well balanced sound. It is a perfect match to any other PSB product.

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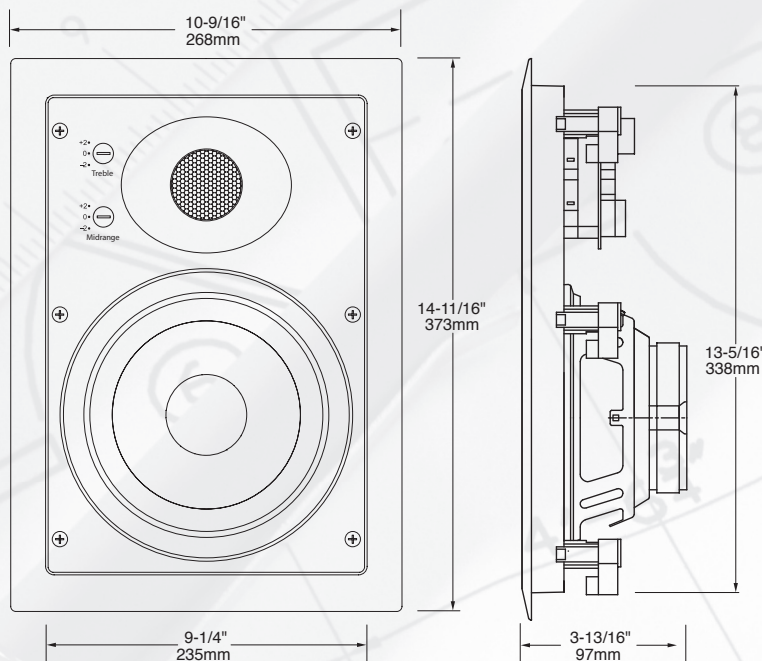
- 8" woofer with stiff fiberglass textured polypropylene cone, higher cone mass and enhanced motor strength to optimize it to a restricted enclosure volume
- Low resonance 1 inch pivoting tweeter
- High power drivers and crossover for long term reliability
- Performance Enclosure and new construction bracket available
- Midrange and tweeter switches allow for ± 2 dB frequency response adjustments.

Frequency Range (-6dB):
Recommended Power:
Impedance (Nominal):
Sensitivity (2.83V @1m)
Drivers:

45-20,000Hz
20-160 Watts
8 Ohms
88dB SPL
1" Dome Tweeter
8" Woofer

Overall Dimensions (W x H x D):
Cut-out Dimensions (W x H):

10-9/16 x 14-11/16 x 3-13/16"
9-1/4 x 13-5/16"



Installation Notes

- Try to install the systems at a height between seated and standing ear level.
- Optimal spacing between speakers should approximately equal the distance from the listening area to the wall.
- Make a small exploratory hole and check for obstructions in wall cavity before cutting mounting hole.
- Use the mounting template provided to cut the right sized mounting hole.
- Lightly fill wall cavity with fiberglass 2 feet above and below system. Use standard 4" fiberglass split to half thickness. Use 1" thick fiberglass behind system.
- Adjust electric screwdrivers to appropriate torque. Tighten mounting screws firmly but do not over tighten!
- Angle the tweeter inward towards the listening area.
- See manual for more installation hints.

To Reach US Customer Service dial 1 888 772 0000 ext 4445 or 4342

PSB Speakers reserves the right to change specifications or features without notice.

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