

Be Heard, Not Seen

PSB CustomSound In-Wall Speaker System

CW262 - 6.5" Coaxial Speaker System

The CW262 is a sophisticated 2-way in-wall system. A unique tweeter waveguide swings 30 degrees left and right (60 degrees total) to aim sonic energy toward the listening area. This SonicGuide™ is designed for an optimum amount of directivity control and to give consistent response whether aimed straight out or canted full left or right. Secondly this tweeter in its SonicGuide is mounted on a 6.5" rotating baffle. This gives the ability to mount the system vertically or horizontally at any height on a wall and by turning the baffle and angling the tweeter, aim sound precisely to the listener. This aiming flexibility assures flat frequency response with none of the commonly seen crossover hole issues. The 6.5-inch woofer with a fiberglass textured polypropylene cone has high power handling and extended bandwidth.

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

The CW262 has 2 toggle switches used to fine tune midrange and treble level. Each has 2 positions with 2 dB separation.

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 CW262 can be used with the CWS8 subwoofer/CWA-1 subamplifier combination.

The CW262 was engineered to have a well balanced sonic signature for maximum transparency and be a great match to any other PSB product.



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- SonicGuide™ mounted 3/4 inch pivoting tweeter
- Perfect balance at the listener location with highly aimable tweeter assembly
- 6-1/2" woofer with stiff fiberglass textured polypropylene cone, higher cone mass and enhanced motor strength to optimize it to a restricted enclosure volume
- Performance Enclosure and new construction bracket available
- Midrange and Treble switches allow for response adjustments

Frequency Range (-6dB):

50-21,000Hz

Recommended Power:

20-100 Watts

Impedance (Nominal):

6 Ohms

Sensitivity (2.83V @1m)

87dB SPL

Drivers:

6-1/2" Woofer

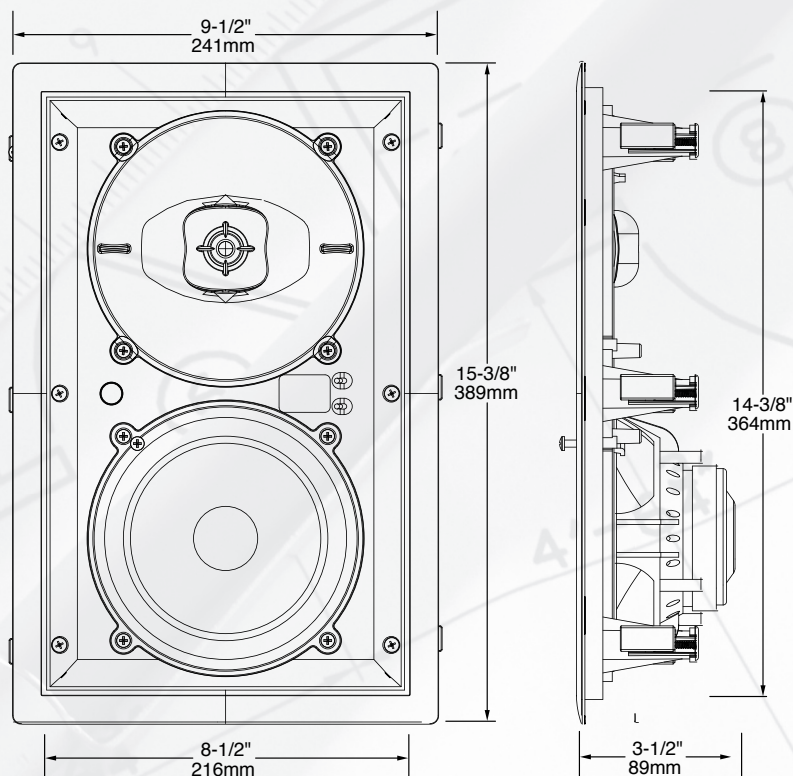
3/4" Dome Tweeter

Overall Dimensions (W x H x D):

9-1/2" x 15-3/8" x 3-1/2"

Cut-out Dimensions (W x H):

8-1/2" x 14-3/8"



Installation Notes

- Try to install the systems at a height between seated and standing ear level.
- Optimal distance 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 SonicGuide tweeter inward towards the listening area and turn the rotating baffle as required to account for typical listening height.
- Midrange and Treble switches can be adjusted to suit room acoustics and personal taste.
- See manual for more installation hints.

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

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