

# Be Heard, Not Seen

PSB CustomSound In-Wall Speaker System

## CW160R / CW160S 6" Coaxial Speaker System

The CW160R/ CW160S (round and square versions) provide high performance 6 1/2" in-wall CustomSound solutions based on the acclaimed CW180R/S 8" coaxial speaker systems.

Coaxial speakers are very popular due to their small footprint making them ideal for space restricted in-ceiling and in-wall installations. Clever engineering and world-class industrial design combine in the PSB CW160 speaker systems.

Special attention has been paid to the issue of aiming sonic energy toward the listener without forfeiting sonic integrity. The CW160s, like the CW180s, use a unique high frequency, constant directivity SonicGuide™ that is gimbaled to angle in any direction. The SonicGuide™ is a proprietary extensively adjustable and aimable, multipart flare attached to a 3/4" metal dome tweeter. Its contours and dimensions are designed such that it provides very even response with little variation both on and off axis. It also increases the directivity of the tweeter so that the listener hears transparent, naturally focused sound. Equally important, the SonicGuide(tm) reduces "backwards" tweeter energy that otherwise reflects from the woofer cone, thus eliminating a serious response error that plagues virtually every other "coax" speaker. The SonicGuide™ can be tilted 30 degrees left or right and the SonicGuide™ assembly is mounted on a click-indexing turning yoke that turns a full 180 degrees.

"Dog leg" style mounting clips insure quick and easy mounting. Two response tailoring switches provide a 3dB adjustment to midrange and tweeter levels. Whether mounted in the wall or in the ceiling the system's response can be directed toward the listener for best possible sound. The result is very natural sound quality and great installation versatility.

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SPEAKERS

