

Be Heard, Not Seen

PSB CustomSound In-Cabinet Speaker System

CHS212 Dual 12" In-Cabinet Subwoofer

Many high end home theater systems have most of their components, including the speaker, hidden away in cabinets. While this conceals the hardware it can be detrimental to performance unless the effects of the equipment cabinet are taken into account. The CHS212 is a custom installation subwoofer counterpart to PSB's highly acclaimed SubSonic 10. The same high output/high travel 12" woofers are used with the same 500 watt amplifier and extensive contouring and system-matching controls to produce virtually unrestricted bass extension with audiophile-class speed and control, and bone-jarring power.

The cabinet is much simpler than that of the SubSonic 10 with no extra cosmetic details that would be wasted when built into another cabinet. A tough texture paint cabinet is used with dimensions chosen to fit within most equipment cabinets. One 12" unit is front firing while the second unit is mounted on the bottom of the cabinet and is down firing. This assures that both the drivers and the two port tubes are all tightly clustered and that all bass energy will have no problem exiting the equipment cabinet.

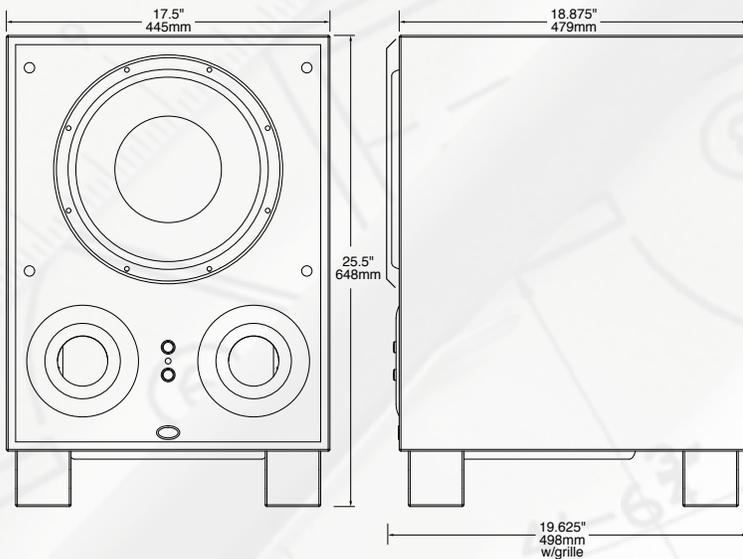
The high output digital power amplifier is highly efficient. Dynamic restoration circuitry, exclusive to PSB, allows very high peak power to pass while providing sonic protection to sustained tones. The end result is stupendous output, especially on transients, with safe operation and freedom from audible distortion. The PSB CustomSound CHS212 design settles the longstanding conflict between sound and design. Finally, media-system designers enjoy the freedom to employ the types of speakers at every channel their designs demand, with full confidence of unsurpassed, PSB Platinum-grade performance.



CHS212 Dual 12" In-Cabinet Subwoofer

- In-Cabinet performance comparable to the PSB SubSonic 10 subwoofer
- High power/high excursion dual 12" woofers - forward and downward firing
- Front-mounted volume and crossover frequency controls, rear phase switch
- 500W Continuous, 750W Dynamic, 1500W Peak, Class H Amplifier
- Tough, textured, matte black finish

Frequency Range (-6dB):	27-150Hz
Recommended Power:	(internal amplifier) 500W Continuous 750W Dynamic 1500W Peak Class H MOSFET
Drivers:	2 x 12" Woofers
Dimensions (W x H x D):	17 1/2 x 25 1/2 x 19 5/8" (grille on) 17 1/2 x 25 1/2 x 18 7/8" (grille off)



Note: Depth dimensions exclude front knobs and rear speaker connectors.
Add 1 1/2" plus required wire spacing.

Installation Notes

- The front firing and down firing woofers should be near a cabinet opening or grille.
- The CHS212 amplifier typically runs cool but should have some airspace behind the rear panel.
- Slowly run a sweeping bass test tone or use a music disc with heavy bass to find equipment cabinet vibrations.
- Fix vibrations by fastening down unstable panels or isolating them with foam or felt materials.
- Engage crossover bypass switch when utilizing crossover in preamp or receiver.
- If possible remove bottom shelf of cabinet and place directly on the floor
- Consult owner's manual for phase and variable crossover adjustments. This will affect upper bass level and transition to front channels.
- Confirm that AV controller or receiver's bass controls are properly set ("large", "small", etc.).
- See manual for more installation hints.

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