



# Absolute Center Channel Speaker

## Classic Series

OK, you've decided on NHT speakers for your new home theater. Even more exciting is the fact that you're going to place four of them around you along with a subwoofer and several hundred watts of receiver power. Only one thing missing - the perfect center channel speaker. Enter the formidable and capable Absolute Center. The Absolute Center is NHT's more affordable center channel in the Classic Series but still uses acoustic suspension technology, precision drive units, amazing construction and stunning looks like it's more expensive brothers. The Absolute Center is a great choice for the Absolute Zero, Two and Absolute Tower. At only 5.25H without the rails, the Absolute Center is also the most compact Classic center channel we make.



**Acoustic Suspension:** Like most NHT speakers, the Absolute Center is an acoustic suspension design - no ports or holes in the cabinet. We use the air (nature's most perfect spring) that is trapped in the cabinet to control and damp the woofer cone motion. Acoustic suspension systems require not only specific design expertise but also tighter parts and materials tolerances. The benefits are well documented - smooth, natural midrange, low distortion, high power

handling and smooth bass rolloff - an important benefit when blending speakers with subwoofers seamlessly.

**Clustering.** The Absolute Center's 2-way, 3-driver complement features 2 custom designed 4.5" mid-woofers and a 1" anodized aluminum dome, fluid cooled tweeter. The Absolute Center's hat trick is how close physically we mount all the drivers to each other - it helps all 3 speakers act more like one and when that happens, the response is smoother across the horizontal plane = clear dialog and smooth response wherever you sit in front of it. This driver clustering is made possible by CNC cabinet milling and minimizing the tweeter faceplate size. The latter made possible by using a super-small yet powerful neodymium magnet and mounting it from the rear by using a device we call the "Wunder Bar" - a solid aluminum bar about 5.5" x 3/4". It's threaded into the back of the tweeter and then to the back of the speaker cabinet. Besides providing mounting for the tweeter tightly between the 2 woofers, it also "heatsinks" or cools the tweeter and provides yet another cabinet brace.



The Absolute Zero also uses a sophisticated 3rd order crossover that was developed using computer (and human ear) aided design to carefully slice the frequencies between the woofer and tweeter at just the right spot. The drive units are magnetically shielded because we know there are a few people with CRT TV's using tubes. Please recycle soon.

**The Cabinet is** (computer controlled) CNC-milled from 21mm MDF - front baffle and 15mm MDF for the sides and internal bracing (for rigidity and resonance control). The cabinet's curved side panels help to randomize internal standing waves and the hand-rubbed, high gloss piano-black finish lend a sense of timelessness to its visual aspect. Absolute Center's are sold and packaged individually.

**Mounting:** The Absolute Center comes with two preinstalled aluminum rails with butyl rubber inserts which offers an acoustically optimal and handsome shelf placement solution without the needs for additional feet, cones or other isolation devices. If needed, the Absolute Center can be floated on shelf "L" mounts like the Pinpoint AM15. Simply space mounts horizontally so the Absolute Center lands on its feet!

**Mixing and Matching:** Fortunately, all NHT speakers are designed and voiced with the same design goals in mind that allows you the freedom to use any past or present NHT speakers to build your home theater system (with great results). That said, we'd recommend mating the Absolute Center with AbsoluteZero's, Two's and Absolute Towers. It's a good fit for any Classic speaker when "small" is required too. If necessary, the mounting rails can be removed when millimeters count. The Absolute Center is also a good choice for vintage NHT's like SB-1/2/3 and ST-4 towers, Super Ones/Two's and older Model 1, 1A and 1.1 speakers. The Absolute Center can also be used as the 3 front, left/center/right/ (LCR) channels with great results if a low profile solution is required. NHT also manufactures matching iW1/2 in-wall and iC1/2 in-ceiling speakers when more discrete or invisible installation solution is required for front or rear channels.

**The Company:** Let's not forget that you're buying an NHT speaker and that means all sorts of things. It means you care about getting the best speaker value for your hard earned money. It means you care about quality craftsmanship and high-end performance. It means you're ready to join our family of fanatics who love music, movies and the best gear that produces them. Welcome to the club, now tell your friends. Now Hear This!



*Series: Classic*

*Model: Absolute Center*

*UPC: 898349001075*

*Finish: Black piano high gloss lacquer*

*Speaker Type:*

- Two-way, center-channel configuration
- Acoustic suspension

*Drivers:*

*Tweeter: 1" anodized aluminum, fluid cooled dome*  
*Woofer: 2 x 4.5" (black) polypropylene cone*

*Crossover:*

*-3rd order high pass and low pass at 2.5kHz.*

*Cabinet Material:*

*21mm MDF front baffle, all others plus braces 15mm*

*Magnetic Shielding: yes*

*Frequency response: 80Hz - 20kHz*

*Impedance: 8 ohms nominal (7 ohms minimum)*

*Sensitivity: 87dB (2.83v@1m)*

*Power Handling: 125 Watts*

*Speaker Dim w/Rails - 6.25" x 19" x 7.375" (H x W x D)*

*Speaker Height without rails - 5.25"*

*Speaker Weight: 17lbs/7.7 kg*

*Shipping Weight: 20 lbs/9 kg*

*Warranty: 5 years Parts and Labor*

*Design and Engineered by NHT in Benicia, California, USA*

For more information call 1-800-NHT-9993 or write us at [help@nhthifi.com](mailto:help@nhthifi.com)