



NHT, since its inception, has held to the belief that what makes a speaker high-end is real, but what makes it expensive is not. No matter what model is right for you, be assured it was designed with one goal... to recreate in your home the performance the artist intended, without editorializing. After all, it is the music that matters. Enjoy.

Chris Byrne, Co-Founder

## now hear this...

### acoustic suspension

NHT bookshelf speakers are acoustic suspension designs that use nature's perfect spring force... air... to control the cone motion instead of a heavy, unpredictable mechanical suspension. It takes a little more development time and amplifier power to do an acoustic suspension design justice, but the greatly decreased distortion, deeper bass response, and increased detail are well worth it.

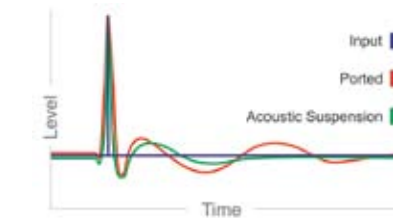


Fig 1. The advantage of acoustic suspension design is clearly demonstrated in the "impulse response" test where a speaker is sent a momentary pulse and then observing the resulting "ringing".

### a better center

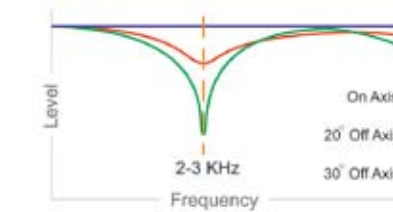


Fig 2. Notice how the midrange is cut sharply as the listener moves farther off-axis.

While small, 2-way three-driver center speakers are very popular, this design is really more about creating a low profile speaker than one that's suited for center channel use. A traditional center's frequency response changes hugely as the listener moves away from the cabinet's center. This dramatic dip in the critical midrange is clearly visible in Figure 2. NHT's 3-way design, detailed in Figure 3 below, eliminates this huge dip, ensuring that every seat in your home theater is the best seat in the house.

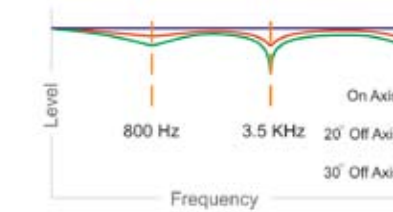


Fig 3. NHT's three way design maintains smooth response over a much wider listening area.

### form follows function



While the Classic series of products are certainly beautiful, their shape is all about the business of making great sound. The graceful cabinets place every driver into a consistent, predictable acoustical environment. For example, variable radius edges on the cabinet sides randomize diffraction from the midrange and tweeter drivers, aiding the speakers' dispersion of midrange and high frequency sounds, while careful placement of the Four's built-in subwoofer guarantees tremendous deep bass response in almost any room.

### conservatively dressed

Our cabinets are made with MDF, a board manufactured primarily of wood residues from the production of lumber and plywood with a low percentage of virgin tree wood. We finish them with 7 coats of hand-finished polyurethane applied in a "solid particle" method that's safe for the environment. This finish is then sealed with 2 coats of automotive grade clear-coat to protect the finish for years. By avoiding exotic wood veneers, and using materials such as MDF in the construction of our cabinets, we're not sacrificing scarce natural resources to make acoustically sound, furniture grade cabinets.



### bass without boundaries



A subwoofer is the most difficult speaker in your system to find a home for. Subwoofers are often placed where they look best in the room, not where they sound best. Placement in a corner can make the bass boom while moving it away from the walls can rob your system of the deepest bass. With NHT's exclusive Boundary EQ control placement and performance can finally coexist.

### smarter parts



By using two low distortion drivers mounted close together on a single plate, we are able to produce a speaker with a larger listening area, lower distortion, and higher power handling than previous 2-way designs.



All of the 5.25" and 6.5" woofers in the Classic line feature frames made from BMC (Bulk Molding Compound). Usually a designer has to choose between inexpensive, mechanically sound materials such as ABS plastic and stamped steel, or expensive materials such as cast aluminum or magnesium that are ideal acoustically and mechanically. BMC gives us the best of both worlds: a cost effective material that is immensely stiff, and easily shaped into acoustically ideal shapes.



There's something special about Northern California. The wine, the food, the weather, even the music around here is full of a light and life that's hard to find anywhere else. We like to think that a little bit of that feeling makes its way into every loudspeaker that we design here in Benicia.



One thing becomes immediately clear during a tour of the NHT offices: we're music guys. Just about everyone involved in the design, marketing, and support of our products plays an instrument or two. This constant exposure to live music makes us unapologetic perfectionists when it comes to speaker design.

NHTPro recording monitors have been used in numerous studio sessions that resulted in many of your favorite records. It's one thing to build a speaker that sounds nice. It's another thing entirely to build a speaker that shows you what's really going on in a performance.



It's one thing to believe your own hype and *think* you build a good product; it's quite another to have some of the most respected names in the business say so. Since our founding in 1987, we've earned a lobby full of product-of-the-year awards, and the accolades just keep on coming. Please drop by our website, or your local newsstand to see who's talking about us today.

## role models

**Two.** The Two is the Absolute Zero with deeper bass extension and higher power handling. Using a 6.5" woofer in a larger enclosure than the Absolute Zero, the Two produces a big room-filling sound with no loss of detail. Easily wall mountable using a pair of rear panel threaded inserts. Frequency Response: 51Hz-20kHz, Sensitivity: 86dB (2.83v@1m), Impedance: 6Ω nominal, Dimensions: 12.125"/308 mm x 7"/178 mm x 8.875"/226 mm (H x W x D), Weight: 12.7 lbs./5.8 kg each. Available in High Gloss Black or White.

**Four.** This attractive floor standing loudspeaker is the Three with the addition of a 10" side-firing subwoofer. For installations where an additional outboard subwoofer is impractical, the Four is an ideal choice. For even better performance, the Four can be bi-amplified with NHT's optional A1 amplifier and X2 crossover. Frequency Response: 27Hz-20kHz, Sensitivity 86dB (2.83v@1m) Impedance: 6Ω Nominal, Dimensions: 41"/1042 mm x 7.5"/191 mm x 16"/407 mm (H x W x D), Weight: 64 lbs./29.2 kg each. Available in High Gloss Black.

**Ten.** A scaled down version of the Twelve designed for use in small to medium sized rooms, the Ten couples a highly efficient 150 watt amplifier to a 10" aluminum cone woofer to make tight, tuneful bass. Frequency Response: 31Hz-180Hz (+/- 3dB), Dimensions: 18.125"/461 mm x 11.25"/286 mm x 15"/381 mm (H x W x D), Weight: 41 lbs./18.7 kg Available in High Gloss Black.

**Two C.** The ideal center channel match for the Absolute Zero and Two, the Two C combines NHT's new midrange/tweeter assembly with dual 5.25" aluminum cone woofers to create a center speaker that sounds great outside the narrow "sweet spot" produced by ANY 2-way design. Frequency Response: 78Hz-20kHz, Sensitivity 87dB (2.83v@1m), Impedance: 8Ω Nominal, Dimensions: 6.5"/165 mm x 19.875"/505 mm x 7.375"/188 mm (H x W x D), Weight: 20 lbs./9.1 kg each. Available in High Gloss Black.



**Absolute Zero.** Our newest, and best mini-monitor to date, the Absolute Zero combines NHT's new 5.25" woofer and 1" aluminum dome tweeter to make beautiful music together. Easily wall mounted using the threaded insert on the rear panel, or place it on a shelf or stand with the user-installed cabinet rails. Frequency Response: 71Hz-20kHz, Sensitivity: 86dB (2.83v@1m), Impedance: 6Ω nominal, Dimensions: 9.75"/248mm x 5.625"/143mm x 7.25"/185mm (H x W x D), Weight: 8 lbs./3.6 kg each. Available in High Gloss Black or White.

**Three.** The best bookshelf speaker we've ever made, period. The Three is a 3-way, acoustic suspension design that features a newly developed 6.5" aluminum cone bass driver, and NHT's exclusive midrange/tweeter assembly. Offering a wider listening area, better deep bass extension and higher power handling than the Two, the new Three is the ultimate bookshelf speaker for music and film. Frequency Response: 45Hz-20kHz, Sensitivity 86dB (2.83v@1m) Impedance: 8Ω Nominal, Dimensions: 13.75"/350mm x 7.5"/191mm x 10.375"/264mm (H x W x D), Weight: 17 lbs./7.7 kg each. Wall Mountable. Available in High Gloss Black.

**Twelve.** The Twelve's gracefully curved cabinet houses a massive 12" aluminum cone driver and an efficient, powerful 250 watt Class G amplifier - a duo capable of filling even the largest rooms with powerful, clean deep bass. Boundary EQ, adjustable phase, and LFE outputs make this subwoofer easy to integrate into any high performance audio/video system. Frequency Response: 27Hz-180Hz (+/-3dB), Dimensions: 20.125"/512 mm x 13"/331 x 15.75"/400mm (H x W x D), Weight: 49 lbs./22.1 kg Available in High Gloss Black.

**Three C.** Optimized for use with the Three and Four, the Three C uses two 6.5" aluminum cone woofers and NHT's new midrange/tweeter assembly to create a huge listening area. Designed to play well in even the largest rooms, the Three C is the ideal center speaker for high performance multi-channel music and movies. Frequency Response: 73Hz-20kHz, Sensitivity 87dB (2.83v@1m), Impedance: 8Ω Nominal, Dimensions: 7"/178 mm x 21.825"/556 mm x 8.25"/210 mm (H x W x D), Weight: 23 lbs./10.4 kg each. Available in High Gloss Black.

now hear this...

# CLASSIC

