



Absolute Zero Mini Speaker

Classic Series

The Classic Absolute Zero is NHT's premium and a fourth generation version of the original NHT Zero mini-monitor released in 1989. In this latest version, we've managed to extend the bass response and improve the horizontal dispersion while maintaining the open and natural midrange for which all Zero models are known and loved. The Classic Absolute Zero is a great choice for stereo, distributed audio and home theater systems. It goes without saying this speaker is in the NHT Classic Family of products, all designed to perfectly mate together in music and theater systems. Absolute Zero's are sold and packaged as singles so order 2 for a stereo pair and so on for other system combinations.



The Big Secret. Like most NHT speakers the Absolute Zero 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 and experts agree. Properly designed air suspension systems have natural midrange, offer fatigue-free low distortion, high power handling and exhibit a slow, natural bass rolloff - an important benefit when blending speakers with subwoofers seamlessly.

Sound Design. The Absolute Zero's driver pairing is a custom designed and powerful 5.25" woofer. The tweeter is a remarkable 1" anodized aluminum dome that's ferrofluid cooled. It features a small yet remarkably powerful neodymium magnet which keeps its physical size really-really small so we can keep it in close proximity to the woofer (so they act like a single full-range speaker instead of 2 separate sound sources). The tweeter uniquely mounts in the cabinet using a NHT developed device called the "Wunder Bar". The Wunder Bar is a solid aluminum bar approximately 5.5" x 3/4" that is screwed to the back of the tweeter and then to the back of the speaker cabinet. Besides holding the tweeter in place it also "heatsinks" or cools the tweeter and also provides another cabinet brace. The Absolute Zero uses a carefully engineered 3rd order crossover that developed using computer aided (and human ear aided) design to divide the frequencies between the woofer and tweeter in just the right place. The drive units are magnetically shielded because we know there are a few people with TV's using tubes.. still. Time to recycle folks.



Around the Back. Connections are made in the back of the speaker via two all metal nickel-plated binding posts that will accept up to 10 gauge bare wire, BFAs, 1" spaced dual banana connectors, single banana connectors or spade lugs with 1/4" spacing. The speaker comes with user applied feet - aluminum rails with a butyl rubber strip inserted in a center channel to keep them secure and quiet on a table top or shelf. We leave them off in shipping because the Absolute Zero's cabinet's curves look beautiful when wall or ceiling mounted without them - don't throw them away when unpacking the speakers or we'll happily sell you replacements!

The Cabinet: The Absolute Zero is made with CNC-milled 25mm (baffle) and 12mm (braces and all other cabinet panels) MDF with extensive internal bracing for rigidity which help reduce unwanted resonances. The cabinet has variable radiused flanking the tweeter which helps to randomize the upper frequency diffraction effects. The cabinet's curved top and bottom and hand-rubbed, high gloss piano-black finish lend a sense of timelessness to its visual aspect. Again, Absolute Zero's are sold and packaged individually.

More Bass? We always recommend a subwoofer with the Absolute Zero's (like the Classic B-10d) to lower distortion and improve dynamics. For some, the Absolute Zero may have enough bass for near-field listening or small rooms making a subwoofer optional. Lovers of orchestral/hip-hop/organ and bass freaks will want a high quality subwoofer.

Mounting: Absolute Zero's have a single 3/8" metal insert on the back, specifically spaced to accommodate the threaded mounting ball/haft assembly of the Omnimount 20.0 wall mount or ceiling mount - both mounts are available at nhthifi.com or your delaler/installer.

Mixing and Matching: Building a home theater system? All NHT speakers are designed and voiced with the same set of parameters and design goals. This allows you the freedom to use any past or present NHT speakers to build your home theater system with good results. That said, for state-of-the-art results we'll recommend the Absolute Center or better yet, the Classic TwoC for center channel speaker as the perfect match. For rear and surround channels, again Classic Absolute Zero's. Many of our customers will opt for the more invisible application using NHT in-wall or in-ceiling speakers.

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 and 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 Zero

UPC: 780687322854 (Black)

UPC: 780687323004 (White)

Finish: Black or White high gloss lacquer with clear coats

Speaker Type:

- Two-way bookshelf minispeaker
- acoustic suspension

Drivers:

Tweeter: 1" anodized aluminum dome

Mid-Woofer: 5.25" polyproplene cone

Crossover: 3rd order (18dB/oct) high & low pass @ 3kHz.

Cabinet Material: 25mm MDF front baffle, others 12mm

Inputs - 2 nickel plated 5-way binding posts

Frequency response: 71Hz - 20kHz

Impedance: 8 ohms nominal

Sensitivity: 86dB (2.83v@1m)

Power Handling: 100 watts

Height including rails: 9.75"

Width: 5.625"W

Depth: 7.25"D

Speaker Weight: 8 lbs. (7.7kg)

Shipping Weight: 11 lbs. (9kg)

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