



iC3 ARC

Our Best Mid-Size Ceiling Speaker

Want the best sound possible with minimum installation visibility? Want to get rid of that surround sound speaker clutter and excess speaker wire? Want a high-end speaker solution worth cutting a hole in your precious home for? Introducing the iC3-ARC in-ceiling speaker. The affordable iC3-ARC is NHT's best mid-size, ceiling mount speaker home theaters and traditional multi-room speaker installations. The iC3-ARC's redesigned micro-perforated, bezel-less grill attaches magnetically and reduces the footprint by almost 10% over its predecessor. Thanks to its resistance to the elements (heat-water-ozone) the iC3-ARC can be used for outside patios and eaves and overhangs! The iC3-ARC can be retrofit into existing homes (and businesses that care...) as well as into new homes as part of the construction process.

and all components reside on it. It's serviceable too! Before loading the driver into the chassis, we coat the critical surfaces with a smooth rubberized paint that works together with ARC to further damp resonances that can blur the sound, even slightly. There's a lot of science to be sure. Judge the results for yourself - lift one - heavy! Rap on the frame - absolutely dead. Look at the quality construction and materials - impressive! The additional mass, strength and anti-resonant qualities of ARC are ideal for acoustic applications - even over super-expensive milled or cast metal designs. An ARC in-wall and in-ceiling speaker frames costs a bit more to make than a plastic ones but the performance benefits are priceless.

Easy Installation:

The world's best in-wall and in-ceiling speakers need a world-class mounting system too. When retrofitting the speakers, a simple cardboard template for the cutout is all that is required. For new construction, the iCB6-ARC pre-construction bracket (sold separately) makes pre-locating the speaker simple and reliable and eliminates hole cutting when the speaker is installed. Actual mounting iC3-ARC is accomplished using 4 - bomb-proof, spring-loaded, "dog-ear" clamping and retention system that grips the ceiling like a politician at a BBQ, even when the mounting surface is uneven. Unlike a ridged mounting system, the iC3-ARC's spring-loaded mounts maintain the pressure and air seal with the ceiling surface over the life of the installation - eliminating any possibility that the speaker could come loose, rattle or lose air seal. The speaker terminals are also easy to use (important 10' up on a ladder). They are pro-quality, gold-plated and also spring loaded - push to open type that maintains a death-grip on the speaker wire even when the big one hits.

In addition to its NHT pedigree that is the promise of great sound at every price level, the iC3-ARC features 2 remarkable technologies:

The NHT U.S. Patent #5,952,619 aka; the 3-tweeter array:

There are three premium 1" anodized aluminum dome tweeters (ferro-fluid cooled and damped) that are critically aligned in an array-cluster mounted in the center of the 6.5" anodized aluminum woofer cone that work together - no more "hot" spots and "not" spots, just a smooth, even room coverage with even frequency response no matter where you are in the room. Since the three tweeters are wired (parallel) together you get lower distortion and 3 x the power handling of conventional 2 or 3-way ceiling speakers and the crossover point can be lowered into the mid-frequencies that helps explain the super-wide sound spread and even frequency response (mutually exclusive goals).

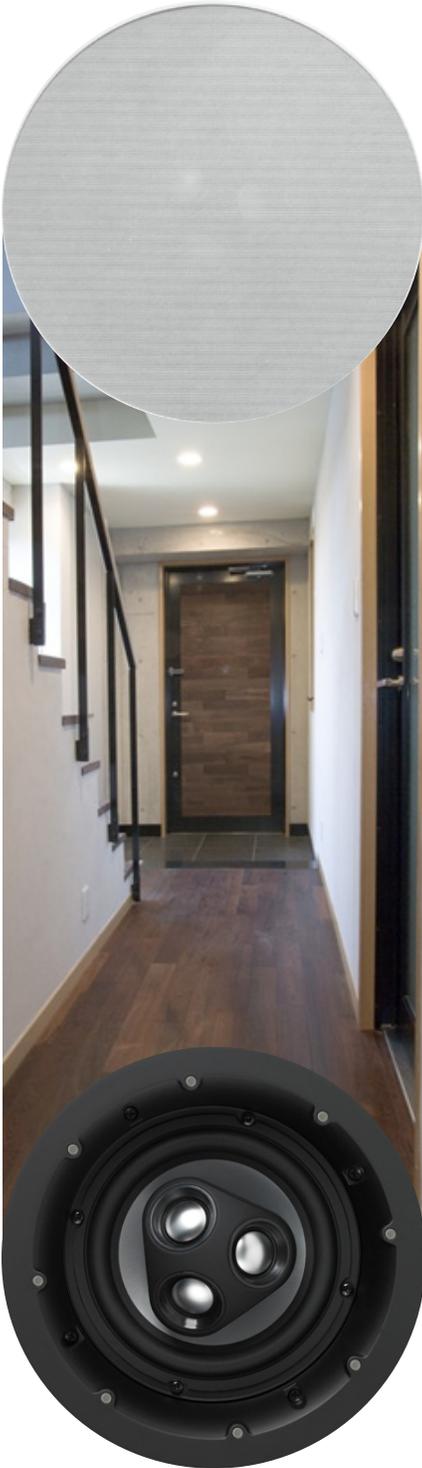
New exclusive Anti-Resonant Casting Technology (ARC):

When investigating ways we might improve our former line of ceiling and wall mount speakers, we quickly realized the frame structure was the weakest link. In-ceiling and on-wall speaker frames are usually made from various formulations of injection molded PVC (plastic). Whatever plastic formulations they are made from, the result is always the same - they flex and vibrate which adds to the original sound. We call this distortion. Anti-Resonant Casting or "ARC" solves the vibration or "resonance" problem using brains, chemistry, heat, pressure and a lot of R&D - ARC is created using combination of resins, fibers and secret filler materials that are molded and heated - during this process, the resin undergoes a chemical reaction and chemically cross-links the fibers and filling materials together into an infusible and insoluble solid material. The iW4-ARC is, in fact a solid, one-piece, monocoque chassis design. It attaches directly and securely to the wall or ceiling

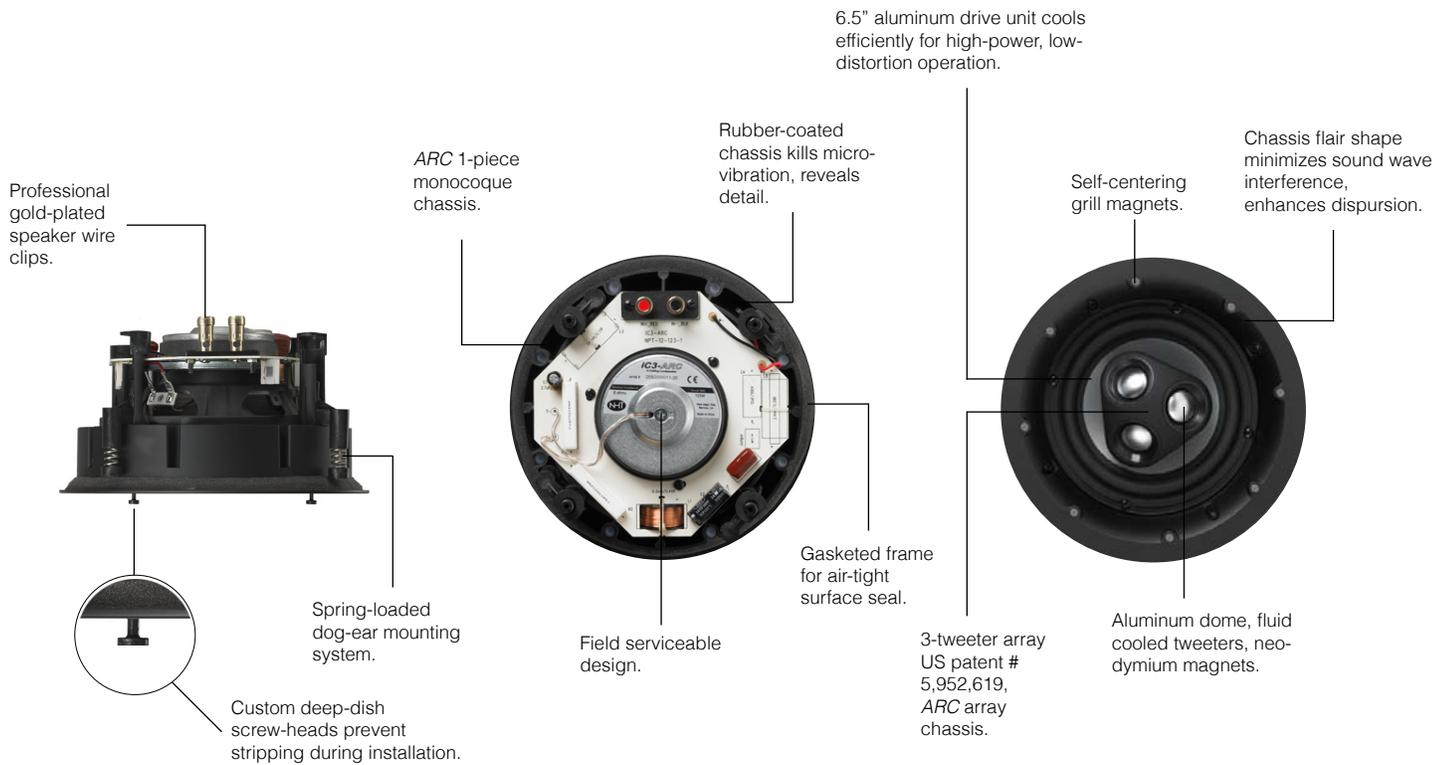
The iC3-ARC grill is painted with a neutral matte white UV resistant paint to insure no future yellowing or staining. It is sold in singles so you can buy 5 for a home theater or running them in odd numbers down a hallway. In the USA the iC3-ARC comes with sixty-month parts and labor warranty and includes complementary professional technical support for the duration of the warranty.

The Company You Keep.

Let's not forget that you're considering buying an NHT in-ceiling speaker and that means all sorts of things. It means you care about getting the absolute best speaker value for your money, that you care about quality craftsmanship, high-end performance and reliability. It also means you're ready to join our family of fanatics who love music, movies and the gear that (re) produces them. Welcome to the club - and tell a friend.



Features



Specifications

Series: Architectural

Model: iC3-ARC

SKU: N-iC3-ARC

UPC: 898349001303

Finish: Matte white

Speaker Type/Design:

Two-way
Infinite baffle
Three-tweeter array (NHT patent #5,952,619)
Retrofit ceiling applications

Effective Coverage: Up to 60° off-axis

Drivers:

Tweeter: 3 x 1" anodized aluminum dome
Woofers: 6.5" anodized aluminum cone

Crossover: 2.2kHz, 18dB/octave HP, 12dB/octave LP

Chassis material: ARC® - Anti-resonant casting

Frequency response: 48Hz - 20kHz

Impedance nominal: 8Ω

Impedance minimum: 5.8Ω

Sensitivity: 85.5dB (2.83v@1m)

Minimum power: 10 Watts

Maximum power RMS: 125 Watts

Dimensions:

Frame bezel: 9.44" (9 7/16")
Cutout: 8.375" (8 3/8")
Depth behind ceiling: 4.7" (4 7/8")

Speaker Weight: 5.73 lbs./2.6kg each.

Shipping Weight: 7.14 lbs./3.3kg each

Warranty: 5 years Parts and Labor

Accessory: iCB6-ARC pre-construction bracket
(sold separately - use for new construction)

Design and Engineered by NHT in California, USA



For more information call 1-800-NHT-9993, visit www.nhthifi.com or write us at help@nhthifi.com

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