



iC2 ARC

Ultra-Wide Dispersion In-Ceiling Loudspeaker

Want amazing sound but don't want to see where it is coming from? Want to get rid of that surround sound speaker clutter and excess speaker wire? Want a high quality solution worth cutting a hole in your precious home for? Introducing the iC2-ARC in-ceiling speaker. The affordable iC2-ARC full-range ceiling mount speaker is ideal for home theater surround and rear-channels, for an all in-ceiling home theater or to extend your music around your house.

iC2-ARC features a new, beautiful micro-perforated, bezel-less grill that attaches magnetically and reduces the installed footprint by almost 10% over its predecessor. Thanks to its resistance to the elements (heat-water-ozone) the iC2-ARC can be used for outside patios and eaves and overhangs! The iC2-ARC can be installed in existing homes and businesses as well as into new homes as part of the construction process.

In addition to its NHT pedigree that is the promise of great sound at every price level, the iC2-ARC features 2 remarkable technologies:

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

There are three 1" silk dome tweeters critically aligned in a cluster mounted in the center of the 6.5" woofer cone that work together - no more "hot" spots and "not" spots, just a smooth, even response, with great intelligibility no matter where you are in the room. Since the three tweeters are wired (parallel) together you get 3 x the power handling of conventional 2 or 3-way ceiling speakers. Their crossover point can be lowered into the mid-frequencies that explain the wide sound field and even response.

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 iC2-ARC is, in fact a solid, one-piece, monocoque chassis design. It attaches

directly and securely to the wall or ceiling 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.

Mounting Ease:

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 pre-construction bracket (sold separately) makes pre-locating the speaker simple and reliable and eliminates hole cutting when the speaker is installed. Actual mounting iC2-ARC is accomplished using 4 fail-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 iC2-ARC 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 high 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.

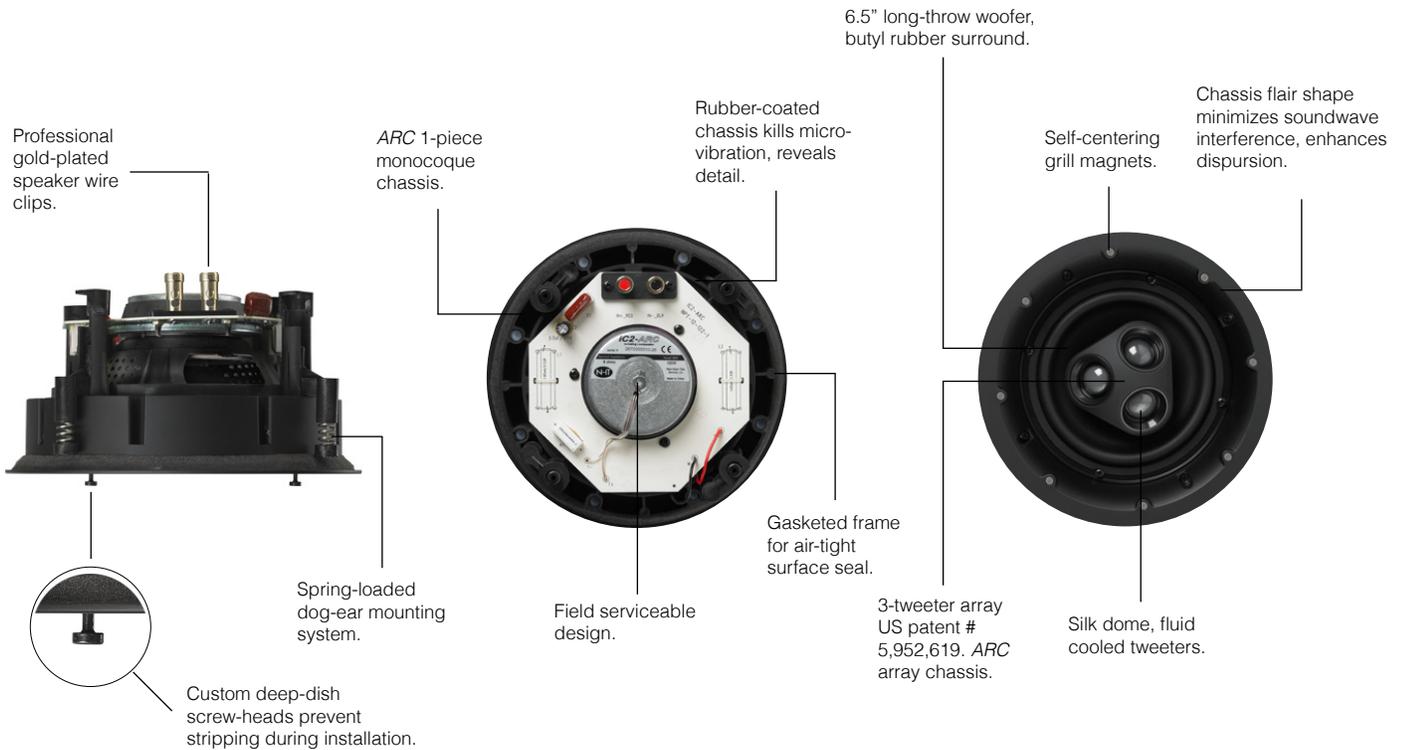
The iC2-ARC grill is painted with a neutral matte white UV resistant paint to insure no future yellowing or staining. It is sold in singles so you can buy 5 for a home theater or running them in odd numbers down a hallway. In the USA the iC2-ARC comes with sixty-month parts and labor warranty and includes complementary professional technical support for the duration of the warranty.

Who's Your Daddy?

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 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 produces them. Welcome to the club - and tell a friend.



Features



Specifications

Series: Architectural

Model: iC2-ARC

SKU: N-iC2-ARC

UPC: 898349001297

Finish: Matte white

Speaker Type/Design:

- Two-way
- Infinite baffle
- Three-tweeter array (NHT patent #5,952,619)
- Retrofit Ceiling/Wall Applications

Chassis material: ARC® - Anti-resonant casting

Effective Coverage: Up to 60° off-axis

Drivers:

Tweeter: 3 x 1" soft dome type
Woofer: 6.5" polypropylene cone

Crossover: 2.1kHz, 18dB/octave HP, 6dB/octave LP

Frequency response: 58Hz - 20kHz

Impedance nominal: 8Ω

Impedance minimum: 5.8Ω

Sensitivity: 86.5dB (2.83v@1m)

Minimum power: 10 Watts

Maximum Power RMS: 100 Watts

Dimensions:

Frame Bezel: 9.44"

Cutout: 8.375"

Depth behind ceiling: 4.7"

Speaker Weight: 4.84 lbs./2.2kg each.

Shipping Weight: 6.48 lbs.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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