

NHT

Model SuperOne

Loudspeaker

OWNER'S MANUAL

NHT
527 Stone Road
Benicia, CA 94510

The NHT Model SuperOne is a two-way loudspeaker that sets a new standard for compact performance. Constructed using the finest in materials, the SuperOne is designed to please the most demanding listener. Whether used for audio or video applications, the SuperOne will provide you with the clarity, balance and seamless response usually found in only the most expensive loudspeakers. Please take a few minutes to read through this Owner's Manual prior to installing your new speakers. The information provided can help you to obtain maximum performance from your audio system.

If at any time during the installation or operation of your new speakers you have questions or need assistance, please call your NHT Dealer or our Toll-Free Customer Hotline at:

1-800-NHT-9993

Model SuperOne Specifications

- **System Type:** 2-way, 7.4 liter acoustic suspension design
- **Driver Complement:** 6.5" woofer, 1" fluid-cooled soft dome tweeter, video shielded drivers
- **Crossover:** 2.2KHz, 6db/octave high pass, 12db/octave low pass
- **Response:** 57Hz - 25KHz, +/- 3dB
- **Sensitivity and Power Rating:** 86db (2.83V at 1M), 25w minimum, 150w maximum
- **Impedance:** 8 ohms nominal, 6 ohms minimum
- **Inputs:** 5-way binding posts for speaker input
- **Weight:** 10 lbs. each
- **Dimensions:** 11.65"H x 7.25"W x 8.5"D
- **Finish:** High gloss black or white laminate

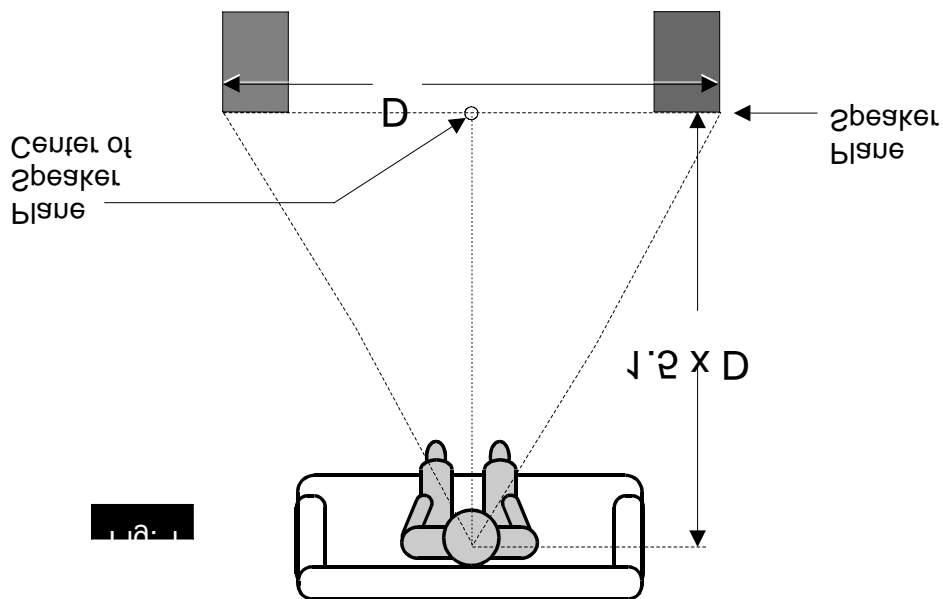
Specifications are subject to change without notice, in accordance with our policy of continuously upgrading the performance of our products.

■ Design Goals

All NHT speakers are designed to deliver refined, musical sound from attractive and affordable packages. Our efforts are guided by the study of human hearing and are optimized for real-world use. The NHT Model SuperOne Loudspeaker continues this tradition of sonic value, incorporating some of the best drivers and crossover components available. Our specific goal was to create a small loudspeaker capable of accurately reproducing subtle musical detail and a three-dimensional soundstage, and exceptional low frequency response for a compact speaker.

■ Installation

The compact size of the NHT SuperOne allows a variety of placement options. The SuperOnes perform best when placed on speaker stands, approximately 26 inches high, located at least 12 inches from the rear wall (behind the speakers) and at least 30 inches from the side walls. NHT offers speaker stands (OneStand), available through our authorized dealers, that put the SuperOne at the proper listening height. The speakers should be arranged as symmetrically as possible, firing towards the listening area without obstruction from furniture. For a starting point, look at Fig.1 and get out a tape measure. The distance between the listener and the speakers should be 1.5 times the distance between the speakers. This configuration puts the listener in the center of the stereo image. Use the NHT OneBracket for wall mounting.



Experimentation is the key to finding the best arrangement in your individual listening environment. Small changes in speaker position can sometimes have a significant effect on the sound. For example, moving the speakers closer to room boundaries (walls, corners) will tend to increase their bass output, but may result in “boomy” or “muddy” bass response. Conversely, moving the speakers farther away from room boundaries will decrease the bass response but may result in increased clarity and bass articulation. Also, room furnishings play an important role in absorbing and reflecting soundwaves. If you are willing to spend some time, you can fine-tune the performance of your system.

■ Operation

The SuperOnes are compatible with virtually all quality amplifiers. Proper wiring of the speakers is essential to good sound. Please observe the following connection guidelines in order to achieve maximum performance.

When estimating speaker wire lengths, allow enough slack to permit moving the speakers around your listening room to their optimum location. To prepare your speaker wire, remove 1/4" to 3/8" of insulation, then twist the exposed wire strands tightly. At a minimum, 18-gauge speaker wire is recommended for runs of 20 feet or less. Heavier gauge wire is recommended for longer runs. When connecting any components, *always make sure all wires are connected in-phase, so that the positive wire (+) is connected to the positive terminals on both ends and the negative (-) wire is connected to the negative terminals on both ends.* All speaker wires have some sort of marking along one or both conductors to help you make the correct connections. Incorrect speaker phase is indicated by weak bass and the lack of a well-defined stereo image.

To minimize noise pickup, segregate wires by function. Do not run low level signal wires parallel to power cords or speaker wires. Also, do not run speaker wires or digital cables parallel to power cords or parallel to each other. These different types of cables will usually be near each other at some place in your setup. If parallel runs must be made, separate cables by the maximum practical distance and where cables meet, cross them at right angles.

Your speakers require minimal maintenance under normal use. The cabinet may be cleaned using a damp cloth or a mild, non-abrasive cleaner. Do not attempt to clean the actual drivers. The SuperOne was designed to handle a wide range of listening levels, but every speaker has limits. It is important to use common sense and listen for signs of possible distress from the speakers. Noticeable distortion or harsh breakup is an indication that either your amplifier or your speakers are running beyond their capacity, and the volume should be decreased. If you can feel any heat emanating from the front of the woofer or tweeter, reduce the level immediately. Speaker damage most often occurs from sustained high volume levels, not from transient sounds or brief musical peaks. Excessive boosting of bass, treble or equalizer controls can worsen the problem, and is not recommended.

Limited Warranty Valid Only in the U.S.A.

Warranty Period

For a period of 5 years for parts and 5 years for labor (1 year parts and 90 days labor for electronics) from the date this product is first purchased from an authorized NHT dealer, Now Hear This (NHT) warrants that if it fails to function properly due to a manufacturing defect, despite its being installed and operated according to these instructions and used under normal conditions, it will be either replaced or repaired with new or rebuilt parts (both at NHT's option) with a unit of comparable value without charge to you.

What's Not Covered

Altered, defaced or removed serial numbers void this warranty.

This warranty does not cover any product used in trade, business, industrial or commercial applications.

This warranty also does not cover the cabinet or appearance factors, or costs, defects or damage resulting from misuse, abuse, accident, improper maintenance, alterations or modifications not authorized in writing by NHT, or parts or labor from any source other than an authorized NHT service location.

Damage due to power exposure in excess of the speaker's published power ratings; ie, overpowering, lightning or power surges, are also not covered.

Your Rights

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

NHT limits this warranty to the purchase price of the product, excludes incidental or consequential damages, and limits its obligations under any implied warranties under state laws to a period not exceeding their warranty periods. As some states do not allow the above limitations, however, they may not apply to you.

To Obtain Service

NHT has appointed a number of authorized service companies throughout the USA who can provide warranty service upon your presenting your sales receipt showing place and date of original owner's transaction.

To find the name and address of the nearest authorized NHT service location, call or write:

AB Tech Services, 17C Airport Drive, Hopedale, MA 01747. 1-800-225-9847

info@abtechservices.com

For your future convenience, please keep this warranty with your sales receipt, and record date and place of purchase for further reference.