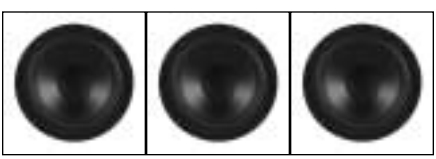




User's Manual




Model

SC2



Center Channel Loudspeaker

 Thank you for your purchase of the NHT SC2 Super Center loudspeaker.

Like all NHT loudspeakers, the SC2's development has been guided by the study of human hearing, its design rigorously tested, and its components optimized to deliver clean, clear musical sound.

Since the quality of your speakers is one of the most important factors in maximizing the sound quality you'll get from your audio system, we're sure that you'll find your purchase of the SC2 a good investment, and invite your comments.

## Background

The Model SC2 is a center channel loudspeaker sonically matched to, and designed to be mated with, any of NHT's Super Audio speaker products.

Employing the same neodymium magnet tweeter technology as other Super Audio models in combination with two 5.25" polypropylene woofers, the SC2 delivers both remarkable midrange accuracy -- essential for intelligible dialog -- and high output capabilities for wide dynamic range.

The result is a center channel speaker offering seamless response in NHT Super Audio speaker systems, making it ideal for today's discrete digital surround formats.

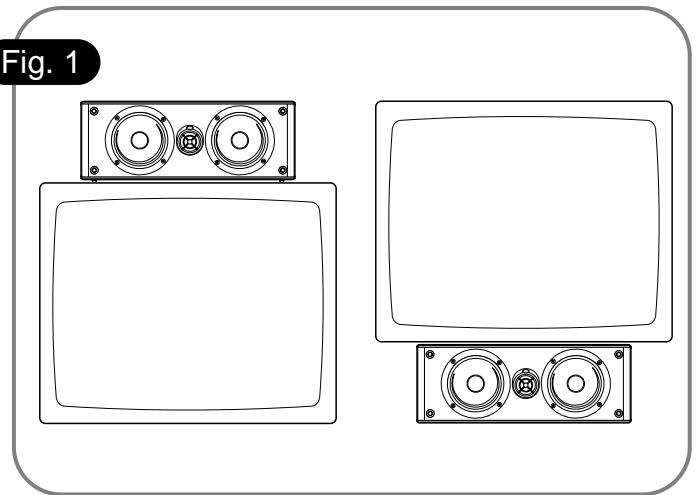
Please take a few minutes to read through this owner's manual before setting up your speakers; this information will help you get the most out of them. Also, please keep the SC2's packaging to use in case you move and transport them.

If you have questions at any time during setup or use, feel free to call your NHT dealer, our Toll-Free Customer Hotline at 1-800-NHT-9993 or visit our website; [www.nhthifi.com](http://www.nhthifi.com).

## Placement

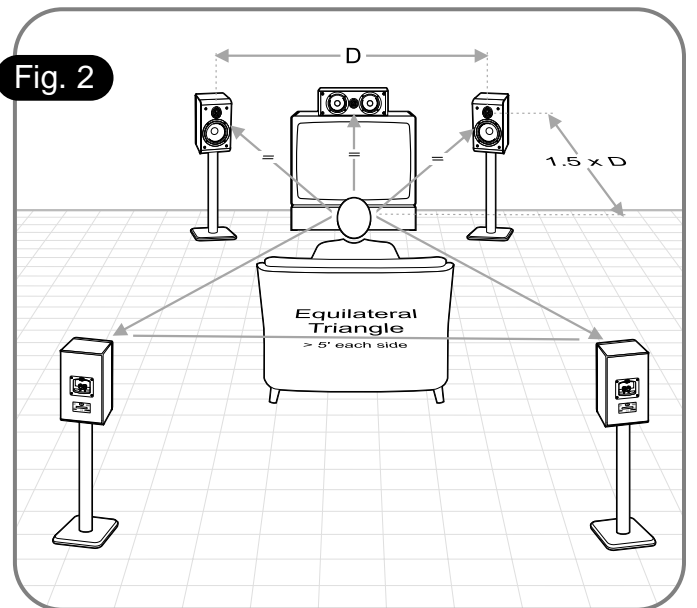
The SC2 is designed to be oriented horizontally. Ideally, it should be placed directly above or below the television, as close to the screen as possible (fig.1). As it is magnetically shielded, it won't distort the picture's color.

Fig. 1



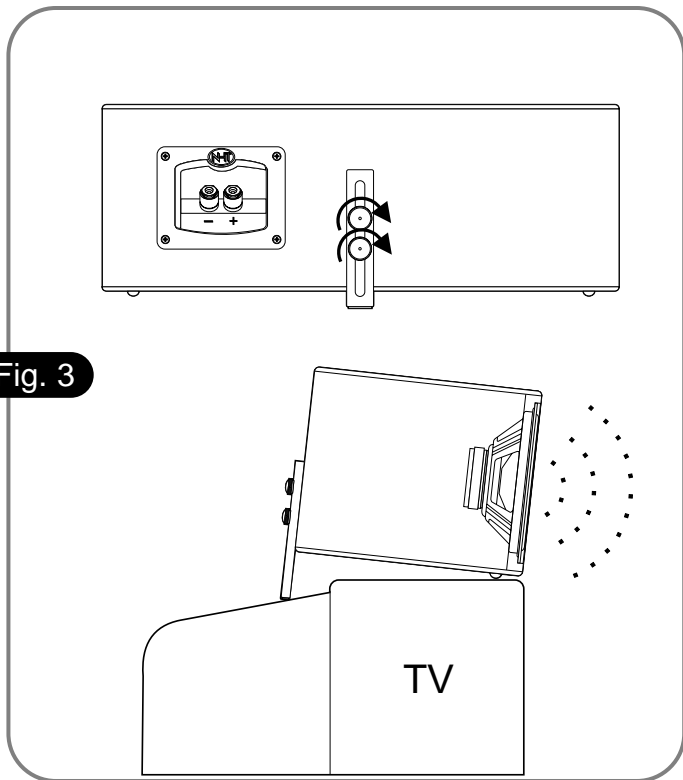
The three front speakers in a home theater system sound best when placed at the same distance, the same height, and close to ear level from your listening position (fig. 2). Since the top surface of your television may be higher than ear level when you're sitting, it's sometimes difficult to place your center speaker at ear level. To address this, the SC2 comes with an adjustable leg (fig. 3) you can use to aim the speaker directly at your listening position. To use the leg, simply adjust the SC2 to the angle you want, and tighten the finger screws.

Fig. 2



The SC2 will sound best when the front baffle is even with the front (fig. 3) of the TV, which eliminates diffraction, i.e., sound waves bouncing off the top surface of the television.

Since this can be difficult to achieve with the TV's that have curved or angled tops, we've provided a rubber pad on the lower end of the adjustable leg, and four adhesive-backed rubber feet you can stick to the SC2's



**Fig. 3**

bottom corners. These five slip-resistant contact points should allow you to place the SC2 in a flush and angled position on most TV's without scratching or endangering either speaker or TV. As in all component placement, however, review safety and stability before considering your system setup complete.

### Connections

Before connecting the SC2 loudspeaker to your system, turn off the power to your amplifier/receiver to avoid damaging the components or the speaker.

First, take a look at the five-way binding posts on the back of your speaker. They accept raw wire, banana plugs or spade plugs. Note that nuts should be tightened by hand, since pliers can strip or break them.

Next, choose your speaker wire. Like all wire, speaker wire is rated by a gauge number representing how many fit in an inch-thick tube, so the numbers get smaller as the wire gets thicker. Thicker wire transmits signal more easily. We recommend 16-gauge for shorter runs, and thicker for runs longer than 10 feet (your authorized NHT dealer can help with wire). Equal lengths of wire for all speakers is ideal, but not absolutely necessary.

Prepare the wires by stripping 1/4" to 3/8" of insulation from the ends, tightly twisting the exposed wire strands.

Finally, connect the speaker to your amplifier or receiver, connecting the conductors "in-phase" (+ to + and - to -). You'll see that your speaker wires have some sort of marking -- lettering, ridges, or color difference -- to help you properly wire your speaker in phase.

Before powering up your amplifier or receiver, separate different kinds of cables to minimize noise. Keep speaker wires at the maximum practical distance from line-level, digital, and power cables, and if they must cross, keep them at right angles.

### Operation

The NHT SC2 is compatible with virtually all quality amplifiers, and is designed to handle a wide range of listening levels.

However, every speaker has limits, and it's important to listen for them. Speaker damage most often results not from brief loud musical peaks, but from sustained high volume levels in some or all frequencies. For this reason, extreme volume settings and excessive bass, treble or equalizer boosts are not recommended.

If you hear unusual distortion or breakup, or notice heat coming from either your woofer or tweeter, decrease the volume immediately, neutralize any excess bass, treble or equalizer boosts, and avoid setting any controls to similar extremes again.

### Maintenance

Your speaker requires no or minimal maintenance under normal use, as long as you avoid exposing it to direct sunlight, high temperatures, or moisture. Clean the cabinet, when necessary, using a damp cloth or a mild, non-abrasive cleaner. To clean the grille, remove it from the speaker and use a soft brush or a vacuum on its lowest setting. Do not attempt to clean the actual drivers.

### Satisfaction

Your satisfaction with your new NHT SC2 loudspeaker is important to us. Please note the warranty, printed on the back of this manual. And again, if you have any questions regarding your speakers' use, feel free to call NHT at 1-800-NHT-9993 or visit our website; [www.nhthifi.com](http://www.nhthifi.com). Enjoy your listening and viewing!



# Specifications

All Super Series products are sonically matched for seamless integration into multichannel systems.



**SB1**

**SB2**

**SB3**

**ST4**

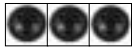
**SC1**

**SC2**

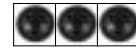
**SW10 II**

**SW12**

System Type	2-Way Acoustic Suspension	2-Way Acoustic Suspension	2-Way Acoustic Suspension	3-Way Acoustic Suspension	2-Way Acoustic Suspension	2-Way Acoustic Suspension	Vented / Powered - 150 watts Class G Amplifier	Vented / Powered - 250 watts Class G Amplifier
Driver Complement	1" fluid cooled aluminum dome tweeter with neodymium magnet structure							
Tweeter-	1" fluid cooled aluminum dome tweeter with neodymium magnet structure							
Woofers-	5.25" Polypropylene	6.5" Polypropylene	6.5" Polypropylene	6.5" and 8" Polypropylene (8" Not Video Shielded)	(2) 4.5" Polypropylene	(2) 5.25" Polypropylene	10" Aluminum (Not Video Shielded)	12" Aluminum (Not Video Shielded)
Video Shielded Unless Noted								
Response	68Hz - 22kHz +/- 3dB	51Hz - 22kHz +/- 3dB	39Hz - 22kHz +/- 3dB	31Hz - 22kHz +/- 3dB	78Hz - 22kHz +/- 3dB	73Hz - 22kHz +/- 3dB	31Hz - 180Hz +/- 3dB	27Hz - 180Hz +/- 3dB
Sensitivity	86dB / 2.83v	86dB / 2.83v	86dB / 2.83v	86dB / 2.83v	86dB / 2.83v	87dB / 2.83v		
Impedance	8 ohm nominal	8 ohm nominal	8 ohm nominal	8 ohm nominal	8 ohm nominal	8 ohm nominal		
Recommended Amplifier Power	Minimum 15 watts Maximum 125 watts	Minimum 15 watts Maximum 150 watts	Minimum 15 watts Maximum 175 watts	Minimum 15 watts Maximum 200 watts	Minimum 15 watts Maximum 150 watts	Minimum 15 watts Maximum 175 watts		
Weight	8 lbs.	13 lbs.	16 lbs.	47.5 lbs.	11 lbs.	22 lbs.	39.5 lbs.	47.5 lbs.
Dimensions	6.75 x 6.25 x 10.25	8.75 x 7.5 x 11.85	10 x 8 x 13	12 x 8 x 38	6.63 x 16.54 x 5.63	8.5 x 19 x 6.5	14 x 12 x 18	16 x 14 x 20
Depth" x Width" x Height"								
Finish	White or Black High Gloss Piano Finish	White or Black High Gloss Piano Finish	Black High Gloss Piano Finish	Black High Gloss Piano Finish	Black High Gloss Piano Finish	Black High Gloss Piano Finish	Black High Gloss Piano Finish	Black High Gloss Piano Finish



## 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.**