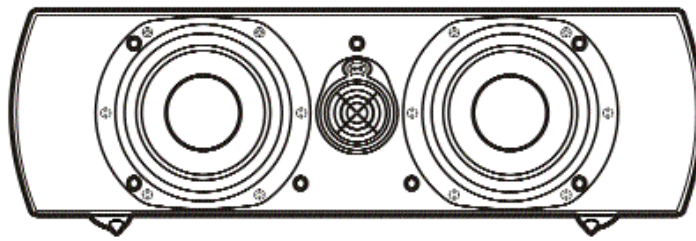




Classic



Absolute Center

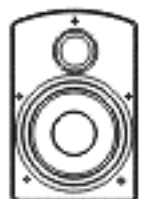


Center Channel Loudspeaker

Rev 2 August 2009



Setup Guide



NHT's Classic Series represents our best efforts to date in passive loudspeaker design. Classic starts with the design fundamentals that have made NHT's reputation for accuracy and high performance, and adds new driver and cabinet technologies which reduce distortion and improve dispersion. The benefit to you is a more articulate, more musical listening experience.

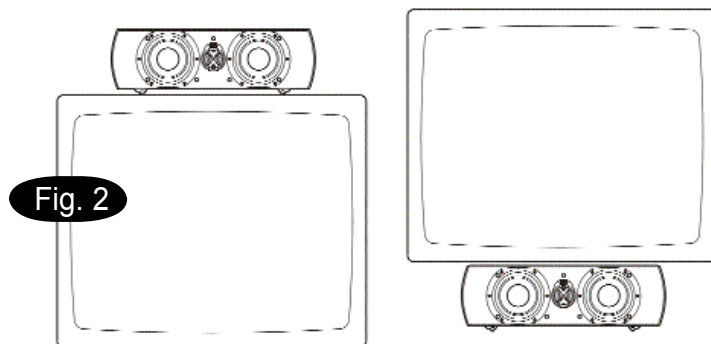
All Classic Series models share a similar "voice" or tonality so that you are assured a matched system no matter which models you decide to add as you build your system.

The following Setup Guide will help you unpack, connect and place your new Classic loudspeakers in your listening room. If you are interested in specifications or the technology used in the design, please visit our website at www.nhthifi.com and look up information on your specific model. If at any time during or after setup you require assistance, feel free to call our Customer Hotline at 1-800-NHT-9993 (800-648-9993).

The Absolute Center is designed as the matching center channel loudspeaker for the NHT Absolute Zero. The compact size is perfect for small to medium size rooms.

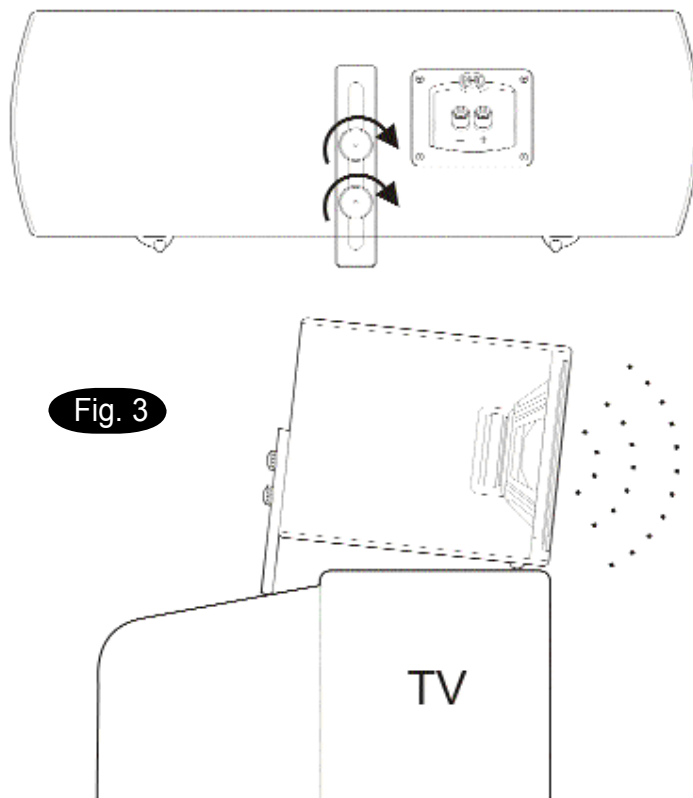
NHT's Classic center channel designs are meant to be placed horizontally. Ideally the center channel should be placed immediately above or below the television, in as close proximity as possible (Fig. 2).

The three front speakers in a home theater system



sound best when placed at the same distance and the same height in relation to each other. In addition, try if possible to have the tweeter height close to ear level when sitting. In situations where the top face of your television may be higher than ear level, you can use the supplied "3rd foot" (Fig. 3) to aim the speaker at your listening position.

To use the "3rd foot", simply adjust the center channel to the angle you desire and tighten the finger screws.



Placement

Try to position the front of the center channel to be even with the front of the television or shelf on which it is placed. This eliminates undesirable reflections and improves intelligibility of the speaker. This can be difficult to achieve with some standard televisions that have curved or angled tops. We have provided a rubber pad on the lower end of the foot which will provide a stable base for the back of the center channel in such situations. Be sure you review safety and stability of the center channel before considering setup complete.

Connections

Before connecting your Classic center channel to your receiver/amplifier, turn off the AC power to avoid potential damage to your components.

Take a look at the terminals on the back of your speakers. They can accept raw wire, banana plugs or spade lugs. Note that these terminals should be tightened only by hand, as excess force can break them. We recommend your speaker wire be at least 16 gauge. Your NHT dealer can recommend the correct wire. Use the same length of wire for each channel.

Prepare the wires by stripping 1/4" - 3/8" of insulation from the ends and tightly twist the exposed strands.

Finally, connect your speakers to your amplifier or receiver, making sure that the speakers are "in phase," that is, the same half of the wire pair connected to the Positive terminal (+, usually red) on both the amplifier and the speaker. The other half of the same wire connected to the Negative (-, usually black) terminals on both amplifier and speaker.

Most speaker wire has one half of the pair marked with either lettering, ridges, the "+" sign or color to help you make the proper connections.

Before powering up your receiver/amplifier, make sure there are no stray strands from one terminal touching the other terminals. Also, try to keep speaker wires from laying across AC power cords.

Operation

All NHT Classic speakers are compatible with most amplifier power ranges and are designed to handle a wide range of listening levels. Every speaker, however, has limits and it is important to listen for them. Speaker damage most often occurs from sustained high volume levels in some or all frequencies. Try to avoid excessive bass or treble settings or equalizer boosts.

The best tool you have is your ears. If you hear

unusual distortion or breakup, decrease the volume immediately. If you are unsure, place your hand close to the woofer. If you feel heat radiating from the driver, you are playing the system beyond its limits.

Maintenance

Your NHT speakers will require little if any maintenance under normal use. Try to avoid exposing them to direct, sustained sunlight, high temperatures or moisture. Cabinets can best be dusted using a clean, soft chamois cloth. The finish on your speakers is durable but dry rough cloth can leave fine scratches over time. Try to avoid using liquid cleaners and household furniture polish, particularly around the speaker components. To clean grilles, remove them from the speaker and use a soft brush or a vacuum on its lowest setting. Do not attempt to clean the speaker components.

Satisfaction

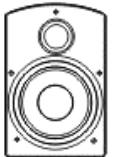
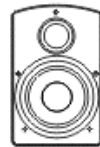
We hope you enjoy the sound of your NHT Classic speakers as much as we do. Your warranty is printed on the back of this Setup Guide. Once again, if you have any questions or problems, please call us at our Consumer Hotline. 1-800-NHT-9993



Per the EC directive of WEEE (Waste Electrical and Electronic Equipment) this product may not be disposed of as waste. It must be recycled through an approved recycling method. This recycling service shall be provided, at no cost to the consumer, by the distributor or retail outlet where the product was originally purchased. For recycling, the consumer should contact the place of original purchase for more information.

Specifications

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



Absolute Zero

Two

Three

Four

Absolute Center

Two C

Three C

Ten

Twelve

System Type

2-Way Acoustic Suspension

2-Way Acoustic Suspension

3-Way Acoustic Suspension

4-Way Bass Reflex

2-Way Acoustic Suspension

3-Way Acoustic Suspension

3-Way Acoustic Suspension

Bass Reflex / Powered - 150 watts Class G Amplifier

Bass Reflex / Powered - 250 watts Class G Amplifier

Driver Complement

Tweeter-

1" fluid cooled aluminum dome with neodymium magnet structure

0.75" fluid cooled aluminum dome with neodymium magnet structure

1" fluid cooled aluminum dome with neodymium magnet structure

0.75" fluid cooled aluminum dome with neodymium magnet structure

Midrange-

2" fluid cooled aluminum dome with neodymium magnet structure

2" fluid cooled aluminum dome with neodymium magnet structure

Woofers-

5.25" Polypropylene

6.5" Polypropylene

6.5" Aluminum

6.5" and 10" Aluminum

(2) 4.5" Aluminum

(2) 5.25" Aluminum

(2) 6.5" Aluminum

10" Aluminum (Not Video Shielded)

12" Aluminum (Not Video Shielded)

Video Shielded Unless Noted

Response

71Hz - 20kHz +/- 3dB

51Hz - 20kHz +/- 3dB

45Hz - 20kHz +/- 3dB

27Hz - 20kHz +/- 3dB

80Hz - 20kHz +/- 3dB

78Hz - 20kHz +/- 3dB

73Hz - 20kHz +/- 3dB

31Hz - 180Hz +/- 3dB

27Hz - 180Hz +/- 3dB

Sensitivity

86dB / 2.83v

86dB / 2.83v

86dB / 2.83v

86dB / 2.83v

85dB / 2.83v

86dB / 2.83v

87dB / 2.83v

Impedance

6 ohm nominal

6 ohm nominal

8 ohm nominal

6 ohm nominal

8 ohm nominal

8 ohm nominal

8 ohm nominal

Recommended Amplifier Power RMS

Maximum 100 watts

Maximum 125 watts

Maximum 150 watts

Maximum 250 watts

Maximum 125 watts

Maximum 175 watts

Maximum 200 watts

Weight

8 lbs.

12.7 lbs.

17 lbs.

64.3 lbs.

16 lbs.

20 lbs.

23 lbs.

41 lbs.

49 lbs.

Dimensions

H" x W" x D"

9.75 x 5.625 x 7.25

12.125 x 7 x 8.875

13.75 x 7.5 x 10.375

41 x 7.5 x 16

5.7 x 19 x 7.375

6.5 x 19.875 x 7.375

7 x 21.875 x 8.25

18.125 x 11.25 x 15

20.125 x 14 x 15.75

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

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

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

Customer Service Department, NHT, 6400 Goodyear Rd., Benicia, CA 94510, 1-800-NHT-9993 (648-9993), www.nhthifi.com