M7

High Output
LCR Loudspeaker

now hear this.
Benicia, California
Designed and Engineered in the USA
Made in China
Thank you for purchasing the NHT M7 loudspeaker. The M7 is a LCR (left main, center channel, right main) loudspeaker designed for high output sound applications.

Specifications

System Type: 3-way acoustic suspension

Driver Complement:

Woofer: (2) 6.5” laminated cone

Tweeter: 1” aluminum dome

Midrange: 4” paper cone

Crossover: 400 Hz, 12 db/octave, 2.3 KHz, 12 db/octave

Response: 61Hz - 20KHz, +/- 3dB

Sensitivity: 86db (2.83V at 1M)

Recommended Power: 100 Watts

Power Peak: 400 Watts

Power RMS: 250 Watts

Impedance: 6 ohms nominal, 4.2 ohms minimum

Inputs: 1 pair of 5-way binding posts

Weight: 32 lbs.

Dimensions: 8.75”H x 29”W x 10.25”D

Finish: High gloss black

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

Placement

The M7 monitor is designed to perform almost identically whether placed horizontally or vertically. Here are a few guidelines on monitor orientation:

1) You do not need to “toe-in” the monitors toward the listening area; position them facing straight ahead into the room, perpendicular to the wall in behind the speaker.

2) When oriented vertically, the tweeters should be placed inward as shown below.

3) When using the M7 monitor for a center channel, it should be placed horizontally.

4) When M7 monitors are placed horizontally in a cabinet, the tweeter orientation (top or bottom) depends on the placement height. If the monitor is placed above the listener’s ear, the tweeter should be below the midrange driver as shown in the photo. If the monitor is placed below the listener’s ear, the tweeter should above the midrange driver.
Connections

Before connecting your M7 speakers to the 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 14 gauge. Your NHT dealer can recommend the correct wire. Use the same length of wire for each channel. Prepare the wires by stripping ¼" - 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 connect 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 the 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 speakers as much as we do. If you have any questions or problems, please call us at our Consumer Hotline. 1-800-NHT-9993