

## HT-12 Home Theater Subwoofer



HT-12

### Features

- **Gold Plated Input Connectors**

The HT-12 input connectors are gold plated for superior corrosion resistance and high electrical conductivity.

- **Patented LD/HP<sup>1</sup> Technology**

The McIntosh low frequency loudspeaker element features the patented LD/HP motor structure. This design, when compared to conventional loudspeaker elements, reduces distortion significantly. It also increases power handling and efficiency.

- **Shielded Magnetic Field**

The HT-12 may be used in Home Theater installations near a television receiver or monitor without causing the television image to degrade. McIntosh has designed special shielding around the magnetic structure of the HT-12 Loudspeaker Element to prevent interference.

- **High Power Handling**

The Loudspeaker Element of the HT-12 is chosen for use with powerful amplifiers up to 400 watts.

- **High Efficiency**

The Loudspeaker Element used in the HT-12 Home Theater Subwoofer has also been designed for high efficiency. As a result, any McIntosh Power Amplifier, even our smallest, will provide satisfying room filling sound.

- **Automatic Overload Protection**

The HT-12 has built-in Loudspeaker Element Protection in the form of an automatic resetting solid-state device.

### Installation

#### Locating The Subwoofer

The optimal method for selecting speaker locations includes the use of a real time spectrum analyzer (RTA) operated by an experienced system installer. Refer to figure 1. An uncompromising installation would take into consideration the floor, wall and ceiling coverings, the type and placement of furniture and can even include the architectural design of the room and its construction materials. The frequencies reproduced by the HT-12 Home Theater Subwoofer are non-directional. The HT-12 does not have to be placed aiming directly at the listener; however, it will sound best located toward the front of the room and away from corners. Placement in certain spots in rooms with multiple similar dimensions can cause undesirable bass reinforcement known as standing waves. Experimentation with the placement of the HT-12, combined with careful listening, will result in the smoothest bass response.

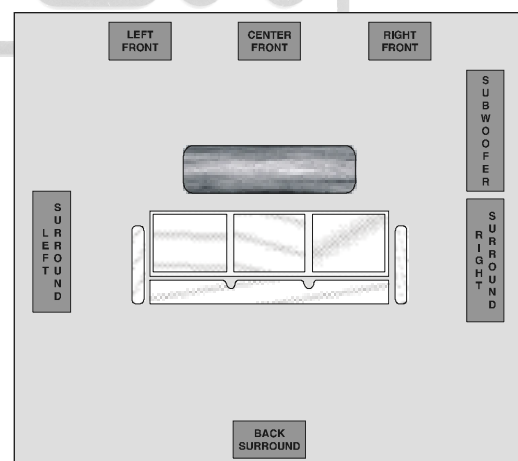


Figure 1

<sup>1</sup> LD/HP Pat. No. 5,151,943

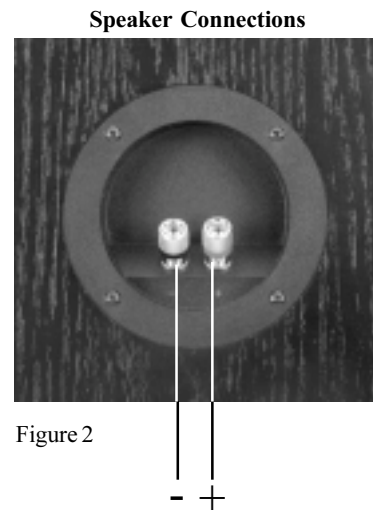
## How to Connect

The McIntosh HT-12 Home Theater Subwoofer utilizes binding posts for speaker wire connections. Refer to figure 2.

1. Connect a loudspeaker cable from the red and black loudspeaker binding posts to the appropriate terminals on the rear of the Power Amplifier.

*Note: For additional connection information, refer to the Power Amplifier Owner's Manual.*

2. Tighten all of the loudspeaker and amplifier binding posts.



## Please Take A Moment

The serial number, purchase date and McIntosh dealer name are important to you for possible insurance claim or future service. The spaces below have been provided for you to record that information:

**Serial Number:** \_\_\_\_\_

**Purchase Date:** \_\_\_\_\_

**Dealer Name:** \_\_\_\_\_

## Technical Assistance

If at any time you have questions about your McIntosh product, contact your McIntosh dealer who is familiar with your McIntosh equipment and any other brands that may be part of your system. If you or your dealer wish additional help concerning a suspected problem, you can receive technical assistance for all McIntosh products at:

McIntosh Laboratory, Inc.

2 Chambers Street

Binghamton, New York 13903

Phone: 607-723-1545

Fax: 607-723-3636

## Specifications

### Driver Complement

12 inch LD/HP Woofer

### Impedance

4 ohm Nominal

### Frequency Response

29Hz - 500Hz  $\pm$  3dB (Close Microphone)

### Sensitivity

86dB (2.8V/1m, Ground Plane)

### Power Handling

400 Watts Maximum

### Dimensions

17 inches (43.18cm) Height, add 1/2 inch (1.27cm) for Feet; 17 inches (43.18cm) Width; 17 inches (43.18cm) Depth, add 1 inch (2.54cm) for Grille

### Finish

Black Ash

### Weight (each)

75 pounds (34.02kg) net, 83 pounds (37.65kg) in shipping carton



# McIntosh®

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