

# THANK YOU FOR CHOOSING JBL

For more than 50 years, JBL has been involved in every aspect of music and film recording and reproduction, from live performances to the recordings you play in your home, car or office.

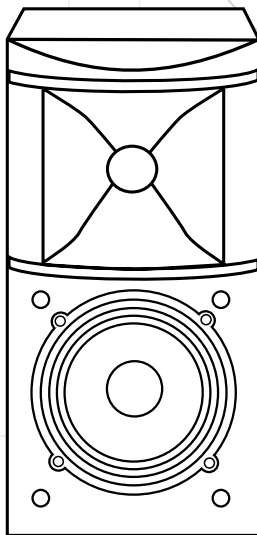
We're confident that the JBL loudspeakers you have chosen will provide every

note of enjoyment that you expected – and that when you think about purchasing additional audio equipment for your home, car or office, you will once again choose JBL.

Please take a moment to complete the enclosed profile card. It enables us

to keep you posted on our latest advancements, and helps us to better understand our customers and build products that meet their needs and expectations.

JBL Consumer Products



## OWNER'S GUIDE

**PRODUCT LINE:** HT SERIES

**MODEL NUMBER:** HT5

**DESIGN GOAL:** Bring the thrill of live performance and movie sound to the home environment by calling on JBL's professional engineering leadership.

**TWEETER TYPE:** Pure-titanium dome with Bi-Radial™ Constant Directivity Horn

**WOOFER TYPE:** Cast-aluminum basket with HeatScape™ motor structure

**CROSSOVER NETWORK:** Straight-Line Signal Path™ (SSP)

**PORT DESIGN:** FreeFlow™ flared

**PROFESSIONAL REFERENCE:** Cinema Loudspeaker Series

# JBL

# SPEAKER PLACEMENT

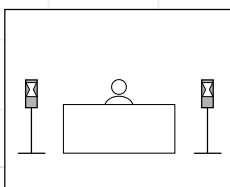
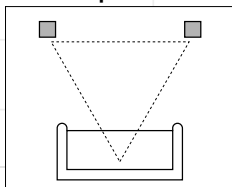
Proper placement of the speakers is an important step in obtaining the most realistic soundstage possible. These recommendations are for the optimum placement of the

loudspeakers. Use these placement recommendations as a guide. Slight variations will not diminish your listening pleasure.

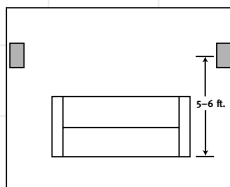
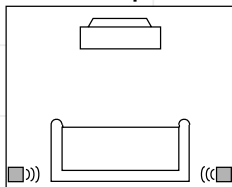
HT5 loudspeakers are video-shielded and can safely be placed near a television.

## HT5

### As Front Speakers



### As Surround Speakers



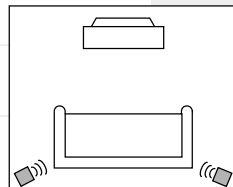
The front speakers should be placed the same distance from each other as they are from the listening position. They should be placed at about the same height from the floor as the listeners' ears will be, or they may be angled toward the listeners.

If a center-channel speaker is used, it should be placed slightly behind the front left and right speakers, and no

more than two feet above or below the tweeters of the left and right speakers. It is often convenient to set the center speaker on top of the television set.

The two surround speakers should be placed slightly behind the listening position and, ideally, should face each other and be at a level higher than the listeners' ears. If that is not possible,

### Alternative Surround Speaker Placement



they may be placed in the corners of the room behind the listening position, angled in toward the center of the listening area. The surround speakers should not call attention to themselves. Experiment with their placement until you hear a diffuse, ambient sound accompanying the main-program material heard in the front speakers.

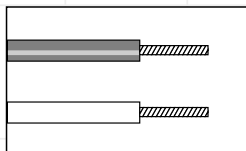
# SPEAKER FEET

The HT5 comes with rubber, self-adhesive footpads, which should be attached to the bottom corners of each

speaker to protect both your furniture and the speakers.

# SPEAKER CONNECTIONS

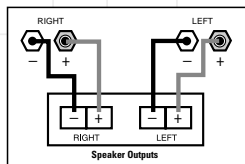
## CONNECTION TIPS



Speakers and electronics terminals have corresponding (+) and (-) terminals. It is important to connect both speakers identically: (+) on the

speaker to (+) on the amplifier and (-) on the speaker to (-) on the amplifier. Wiring “out of phase” results in thin sound, weak bass and a poor stereo image.

With multichannel surround-sound systems, connecting all of the speakers in your system with the correct polarity is important in order to preserve the proper



ambience and directionality of the program material.

## TROUBLESHOOTING

### If there is no sound from any of the speakers:

- Check that receiver/amplifier is on and that a source is playing.
- Review proper operation of your receiver/amplifier.
- Check all wires and connections between receiver/amplifier and speakers.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.

### If there is no sound coming from one speaker:

- Check the “Balance” control on your receiver/amplifier.
- Check all wires and connections between receiver/amplifier and speakers. Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.

- In Dolby\* Digital or DTS® modes, make sure that the receiver/processor is configured so that the speaker in question is enabled.

### If the system plays at low volumes but shuts off as volume is increased:

- Check all wires and connections between receiver/amplifier and speakers. Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.
- If more than one pair of main speakers is being used, check the minimum impedance requirements of your receiver/amplifier.

### If there is low (or no) bass output:

- Make sure the connections to the left and right “Speaker

Inputs” have the correct polarity (+ and -).

- If a powered subwoofer is being used, check the manufacturer’s instructions for proper use.
- If a subwoofer is being used in Dolby Digital or DTS mode, make sure your receiver/processor is configured so that the subwoofer and LFE output are enabled.

### If there is no sound from the surround speakers:

- Check all wires and connections between receiver/amplifier and speakers. Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.
- Review proper operation of your receiver/amplifier and its surround-sound features.
- Make sure the movie or TV show you are watching is

# TROUBLESHOOTING (cont.)

recorded in a surround-sound mode. If it is not, check to see if your receiver/amplifier has other surround modes you may use.

- In Dolby Digital or DTS modes, make sure your receiver/processor is

configured so that the surround speakers are enabled.

- Review the operation of your DVD player and the jacket of your DVD to make sure that the DVD features the desired Dolby Digital or

DTS mode, and that you have properly selected that mode using both the DVD player's menu and the DVD disc's menu.

## SPECIFICATIONS

### HT5

**Frequency Response (-6dB):** 50Hz – 20kHz

**(±2dB):** 100Hz – 18kHz

**Sensitivity (2.83V/1m):** 85dB

**Maximum Recommended Amplifier Power\*\*:** 130W

**Nominal Impedance:** 8 Ohms

**Crossover Frequency:** 2300Hz

**Low-Frequency Transducer:** 5-1/4"

**High-Frequency Transducer:** 1" Pure-titanium dome, with Bi-Radial® horn

**Dimensions (H x W x D):** 13-5/8" x 6-13/16" x 10"  
346mm x 173mm x 254mm

**Weight:** 14 lb/6.4kg

Occasional refinements may be made to existing products without notice, but will always meet or exceed original specifications unless otherwise stated.

\* Trademark of Dolby Laboratories. DTS is a registered trademark of Digital Theater Systems, Inc.

\*\* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

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**JBL**

**PRO SOUND  
COMES HOME™**

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