

The JBL logo is displayed in white, bold, sans-serif capital letters on an orange square background.

HT1F, HT1D simple set-up guide

thank you for choosing JBL. For over 50 years, JBL has been involved in every aspect of musical and film recording and reproduction, from live performances to monitoring 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 your needs and expectations.

JBL Consumer Products

Introduction

The HT1F and HT1D are THX® licensed home theater loudspeakers. When combined with the HT PS300 powered subwoofer, a THX controller, and

THX amplifiers, the JBL HT Series loudspeaker system will deliver state-of-the-art home theater experience to your home.

The HT Series loudspeakers also deliver clear accurate stereo music reproduction.

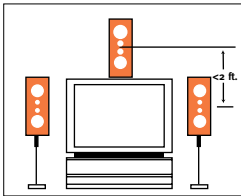
one. Speaker Placement

Properly placing your speaker components is vital to achieving the maximum sonic performance. Please follow the recommendations in this guide, to properly position your speakers.

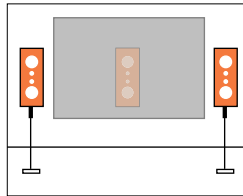
Note: Do not attempt to install any type of mounting brackets onto your speakers. Drilling Holes in the product or improperly installing mounting brackets may void your JBL warranty and cause

a safety hazard. Contact JBL or your dealer/installer for additional information.

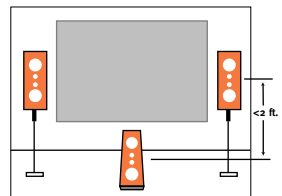
HT1F Front Channel Loudspeakers



Direct view or rear projection TV.



Front projection system.
Place center speaker behind acoustically transparent screen.



Alternate front speaker placement.

Placement Tips

- The left and right speakers should be at the exact same height, with the tweeter's height positioned at the midpoint of the screen.
- The center channel speaker must be vertically oriented. Placing the speaker horizontally will result in less precise center channel performance.
- If necessary, tilt the center channel so that the tweeters are aimed at the listening area.

two. Hookup

Connection Tips

Wire Length

Up to 20 ft.
Up to 50 ft.
Greater than 50 ft.

Recommended Speaker Cable Size

16 gauge
14 gauge
12 gauge or heavier

Preparing the Speaker Cable

1. Determine the length of wire necessary to connect your amplifier to the speaker farthest away. Remember to allow for extra cable to be able to conceal it under baseboards, run it around corners, etc.

2. Make the cables for both speakers this length. Keeping both cable lengths the same will help maintain proper signal balance and imaging.
3. Separate the two conductors that make up each cable, for about one inch. Then strip off about 3/8" of insulation.

4. Twist each conductor's thin wires into a tightly bunched spiral.

5. Identify a difference between the two conductors. This may be done in various ways, depending upon the type and brand of cable you are using.

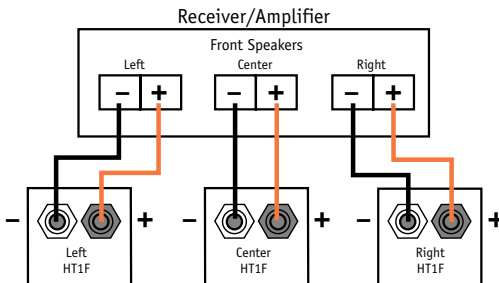
Some of the More Common Differentiating Marks Are:

- Different color wire
- A strand of thread in one conductor

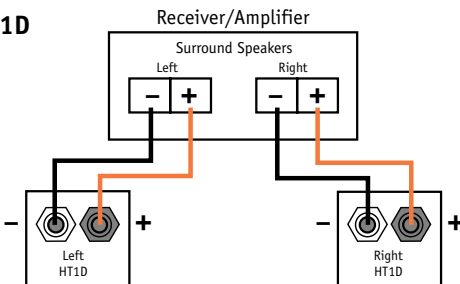
- A colored line on one conductor's outer insulation
- Raised ribs on one conduc-

- tor's outer insulation
- A printed (+) marking on one of the insulators

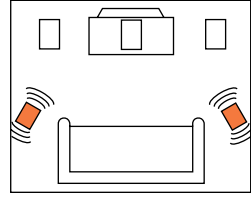
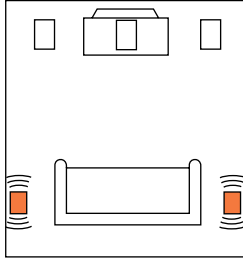
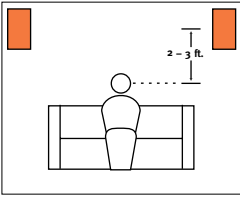
HT1F



HT1D



HT1D Surround Loudspeakers



Alternate surround placement.

Placement Tips

- Place the surrounds to the sides, or slightly behind, the listening position with the speaker terminals placed against the wall.
- Place surround speakers with the port tubes facing the screen. (One speaker will appear “upside-down”. This will not affect sound quality.)

Troubleshooting

If the sound seems to come from instead of *between* the speakers, check the following:

- Make sure the polarity (+ and -) of the speaker inputs are connected properly.
- The speakers are too far from the back or side walls or are too far apart. Experiment with the speaker placement.

If there is very low or no output from any of the speakers, check the following:

- Receiver or processor/amplifier is on and a source is playing.
- Review proper operation of your receiver/processor.

If there is very low or no output from one or more speakers, check the following:

- Check the "Balance" control on your receiver/processor.
- Check the surround level on your receiver/processor.
- Check all wires and connections between the receiver/amplifier and the speakers. Make sure all wires are connected and that none of the speaker wires are frayed, cut, or punctured.
- Review proper operation of your receiver/processor.

If the system plays at low volumes but shuts off as volume is increased, check the following:

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

Specifications

HT1F

High Frequency Drivers

2 x 1" pure titanium

Midrange Drivers

2 x 5" high polymer laminate

Frequency Response

70Hz – 20kHz

Recommended Amplifier

Power*

10 – 130 watts

Sensitivity

87dB @ 1 watt/1 meter

Impedance

8 ohms

Crossover Frequency

2800Hz

Dimensions (HxWxD)

17-1/2 x 10 x 8-1/2 inches

445 x 254 x 216mm

Weight

21 lbs/9.5 kg

HT1D

High Frequency Drivers

2 x 1" pure titanium

Midrange Drivers

2 x 5" high polymer laminate

Frequency Response

100Hz – 20kHz

Recommended Amplifier

Power*

10 – 130 watts

Sensitivity

87dB @ 1 watt/1 meter

Impedance

6 ohms

Crossover Frequency

2800Hz

Dimensions (HxWxD)

13-7/8 x 9-1/4 x 7-3/4 inches

352 x 235 x 197mm

Weight

15 lbs/6.8 kg



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

*Undistorted continuous power per channel.



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