

## Congratulations!

The HTB-S310 Kenwood Fineline™ Home Theater System will make enjoying movies and music at home more fun than ever. This sheet will show you how to connect the speakers to the receiver, and how to adjust your system to work best in your entertainment room. To learn how to operate your receiver, please read and follow the instruction manual included in its box. If you're also connecting other equipment, such as a DVD player, TV, VCR, satellite tuner or other source component, use the receiver's manual in combination with the manuals that came with those components.

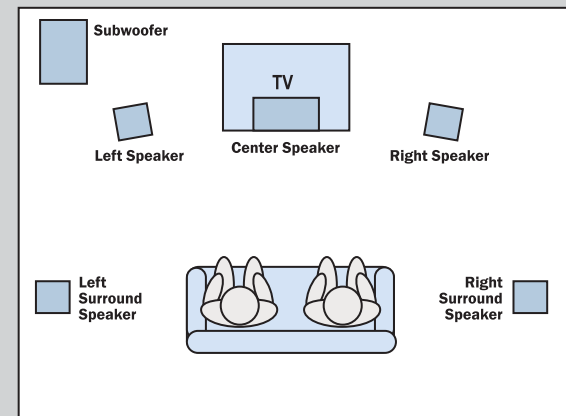
## Placing Your Speakers

Place the speakers as shown in the diagram below. While you're setting the speakers up, keep these points in mind:

- If the subwoofer causes discoloration of the TV picture, move it away from the TV until the discoloration disappears.
- Since the center speaker is magnetically shielded, you can place it right on top of the TV without worrying about picture discoloration.
- You can hang the speakers on the wall using heavy-duty picture hangers.
- Placing the subwoofer next to a wall yields more deep bass output than placing it away from a wall. Placing the subwoofer in a corner yields the deepest bass output overall. Make sure that the side-firing woofer isn't blocked by furniture or walls.

The subwoofer will sound good just about anywhere in the room. Place it so the side-firing woofer isn't blocked.

Place the center speaker above or below the center of your TV. Angle it down or up to aim it directly at the listeners.



Place the left and right speakers on each side of your TV. Angling them towards the listeners improves the stereo effect.

Place the surround speakers as high as possible, directly to the sides and rear of the listening area, pointing at the listeners.

## Matching the Receiver to the Speaker System

Your receiver has circuitry that tailors its performance for different speaker types, overcoming the mis-match that is common between subwoofers and satellite speakers. After performing this adjustment, dialog spoken by male actors as well as music will sound more natural and life-like on your HTB-S310 system.

1. Press the SETUP button twice. The display will read "SP SYSTEM", and will then scroll to "CUSTOM".
2. Press the ^ MULTI CONTROL button repeatedly until the display reads "HTB 1".
4. Press the SETUP button. The display will change to "TEST TONE".
5. Press the ^ MULTI CONTROL button repeatedly until the display reads "EXIT".

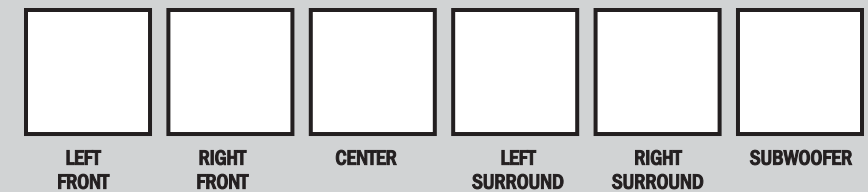
The receiver's electronics are now matched to your HTB-S310 system's speakers.

## Balancing the Speakers

Your receiver comes with the speaker volume settings pre-balanced. If you have positioned the speakers as shown in the diagram your system will create a spacious surround sound environment right out of the box with no further adjustment required.

If your room is arranged differently than shown in the diagram, or if you simply want to fine-tune your system's performance, you can easily change the volumes of the individual speakers to get a better balance:

1. Press the SETUP button repeatedly until the display reads "TEST TONE".
2. Press the SETUP button once more. The display will change to "AUTO".
3. Press the ^ MULTI CONTROL button. The display will change to "MANUAL".
4. Press the SETUP button once. The display will change to "L 0dB", the left speaker's icon will flash and you will hear test noise through the speaker.
5. Use the ^ and v MULTI CONTROL buttons to increase and decrease the speaker's volume.
6. Press the SETUP button to change to the center speaker, and repeat Steps 4 - 6 for each speaker.
7. Do not be concerned with the volume level readout on the display while you're adjusting the speakers—this is for reference purposes only. However, once you have balanced all the speakers you should write each speaker's volume setting down here for reference:



8. To exit the Setup mode, press the SETUP button once, press the ^ MULTI CONTROL button twice and then press the SETUP button once more.

## Setting the Speaker Distances

This last step adjusts the timing of all the speakers so that their sound arrives at the listening location at the proper time.

1. Measure the distance from each speaker to your seat. Write the distances down.
2. Press the SETUP button 7 times. The display will read "DISTANCE".
3. Press the SETUP button once more. The display will change to "10FT 3.0M" and the left speaker icon will flash.
4. Press the ^ or v MULTI CONTROL buttons until the distance on the display matches the distance from the left speaker to your listening position.
5. Press the SETUP button again to repeat Step 4 for the center speaker, and then for the rest of the system's speakers.

*Note: There is no distance setting for the subwoofer*

6. When you've finished setting the speaker distances, press the SETUP button 4 more times to exit the Setup mode.

## Connecting Your Speakers

**Important: Do not plug the receiver's power cord into an AC outlet until you have properly connected all of the speakers.**

Connect the speakers as shown in the large diagram to the right.

To make connecting the speakers easier, we have color-coded the speakers, the speaker wire and the terminals on the receiver, and pre-stripped the insulation from the ends of the wires.

Connect the speaker wire with the colored bands to the correspondingly colored terminals on the speaker and receiver.

**Important: Insert the wires with the white stripes into the colored connectors; insert the plain wires into the black connectors.**

**DO NOT PUSH THE WIRE TOO FAR INTO THE SPEAKER TERMINALS AS THIS WILL NOT ALLOW THE WIRE TO MAKE PROPER CONTACT.**

The subwoofer connects to the receiver using the audio cable:

- Connect one end of the audio cable to the input connector on the subwoofer labeled LINE INPUT, and connect the other end to the connector on the receiver labeled SUB WOOFER PRE OUT.

## Using Your Subwoofer

### Subwoofer Volume Control

Initially, set the subwoofer's volume knob to the 11 o'clock position. During normal operation you will use the receiver's subwoofer volume control to adjust the subwoofer volume. If the receiver's subwoofer volume control won't go loud or soft enough, re-adjust the subwoofer's volume knob to compensate. See the receiver's instruction manual for details on using the receiver's subwoofer volume control.

## Speaker Connections

