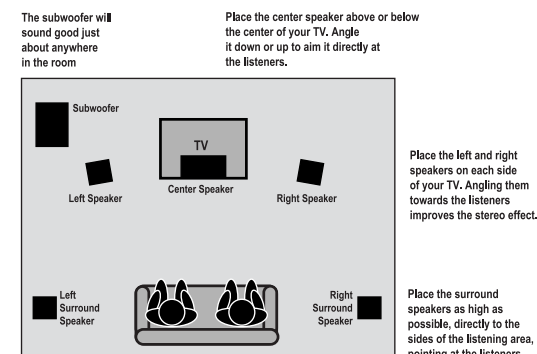**(HTB-505 Quick-Connect Guide on other side)**

## Congratulations!

The HTB-405 Home Theatre System will make watching movies at home more fun than ever. To connect your speakers to the receiver follow the instructions on this sheet. To learn how to operate your receiver please read and follow the instruction manual included in the receiver's box. If you're also connecting other equipment, such as a TV, VCR, DVD player, CD player 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.

The subwoofer will sound good just about anywhere in the room.

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 of the listening area, pointing at the listeners

Subwoofer

TV

Left Speaker   Center Speaker   Right Speaker

Left Surround Speaker   Right Surround Speaker

## Connecting Your Speakers

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

Connect the speakers as shown in the main diagram.

In each case, connect the colored speaker wire to corresponding terminals on the speaker and receiver.

To make connecting the speakers easier, we have color-coded the speaker wire and the terminals on the speakers, labeled the terminals on the receiver, and pre-stripped the insulation from the ends of the wire. DO NOT PUSH THE WIRE TOO FAR INTO THE SPEAKER TERMINALS AS THIS WILL NOT ALLOW THE WIRE TO MAKE PROPER CONTACT.
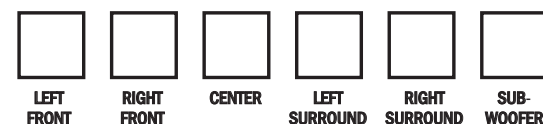
## Setting Up Your Receiver

The receiver has a Quick Setup procedure that makes this easy. After you've made all of the connections, follow these steps. (You'll be using the remote control):

## 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 8 times. The display will read "AUTO".
2. Rock the MULTI CONTROL joystick forward once. The display will change to "MANUAL".
3. Press the SETUP button repeatedly until the speaker you want to adjust appears on the display. You will hear test noise through the speaker.
4. Rock the MULTI CONTROL joystick forward to increase the speaker's volume, rock it backward to decrease the speaker's volume.
5. 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:

| LEFT FRONT | RIGHT FRONT | CENTER | LEFT SURROUND | RIGHT SURROUND | SUB-WOOFER |
|---|---|---|---|---|---|
|  |  |  |  |  |  |

6. Press the SETUP button on the remote 5 times to exit the setup mode.

## 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 on the remote 11 times. The display will read "10FT 3.0M", and the left and right speaker icons will flash.
3. Rock the MULTI CONTROL joystick forward or backward until the display matches the distance from your left and right speakers to your listening position.
4. Press the SETUP button again and repeat step 3 for the center speaker, and again for the surround speakers.
5. When you've finished setting the speaker distances, press the SETUP button 2 times to exit the setup mode.

### Wiring Speakers

1. Push and Hold Lever   2. Insert Wire   3. Release Lever

KS-506HT Right Surround

KS-506HT Left Surround

KS-506HT Center

Green
Black

Black  Gray     Black  Blue

### VR-616 Receiver

FM 75Ω   AM   GND   DVD
ANTENNA

SYSTEM CONTROL

CD/DVD OPTICAL   DVD/6CH   VIDEO 2/MONITOR COAXIAL
DIGITAL IN

MONITOR OUT   DVD IN   VIDEO 2
VIDEO

FRONT SPEAKERS (8~16Ω)   CENTER SPEAKER (8~16Ω)   SURROUND SPEAKERS (8~16Ω)   SUB WOOFER SPEAKER (8~16Ω)

VIDEO   DVD IN   VIDEO 2 IN   MONITOR OUT   VIDEO 1 IN   VIDEO 1 OUT

AUDIO   AUX   CD/DVD   REC OUT MD/TAPE   PLAY IN MD/TAPE   REC OUT VIDEO1   PLAY IN VIDEO1   PLAY IN VIDEO2

DVD/6CH INPUT   FRONT   SURROUND   SUB WOOFER

R L C   R L SW
RED WHIT GREEN   GRAY BLUE PURPL

Black  Red     Black  White                    Black  Purple

### Wiring the Speakers

1. Push Lever
2. Insert Wire
3. Close Lever

KS-506HT Right   KS-506HT Left   SW-15HT Subwoofer

**If you have any questions about your new system, please contact our Customer Service Department at (800) KENWOOD or visit our Web site at www.kenwoodusa.com**