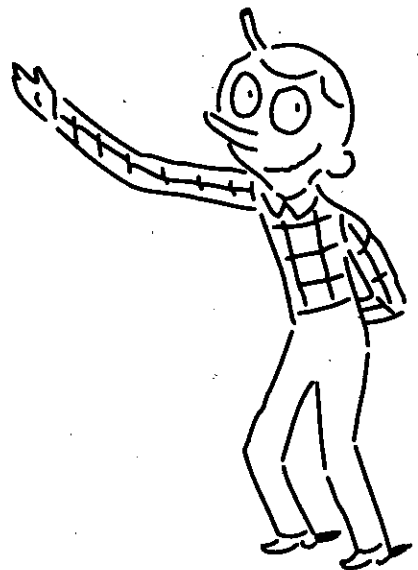


Setting up and using your CenterStage Instant Home Theater



KENWOOD

Safety first

WARNING

To prevent fire or electric shock, do not expose this unit to rain or moisture.

CAUTION

To prevent electric shock, match the wide blade of the plug to the wide slot in a wall socket, and insert fully.



CAUTION

To reduce the risk of electric shock, do not remove the unit's cover. There are no user-servicable parts inside. Have the unit serviced by qualified service personnel.

Safety Symbols

We've placed these safety symbols on the back of the unit.



The lightning bolt symbol is to alert you to the danger of electric shock from the operating of electric parts inside the unit.



The exclamation point symbol is to let you know that there are important operating and servicing instructions in this manual that you should read before you operate this unit.

About the power supply

This unit is designed for operation in the USA and Canada using a power supply of AC 120 volts only.

SAFETY PRECAUTIONS

Read this page carefully to ensure safe operation.

Please read all of the safety and operating instructions before operating this unit. Adhere to all warnings on the unit and in this manual. Follow all the safety and operating instructions. These safety and operating instructions should be retained for future reference.

- 1 Power sources.** The unit should be connected to a power supply only of the type described in this manual or as marked on the unit. If you are not sure of the type of power supply to your home, consult your unit dealer or local power company. For units intended to operate from battery power, or other sources, refer to the instruction manual.
- 2 Power-cord protection.** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
- 3 CAUTION—Polarization.** This unit may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your outlet. Do not defeat the safety purpose of the polarized plug.
- 4 Ventilation.** Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the unit and to protect it from overheating, and these openings must not be blocked or covered. The unit should be situated so that its location or position does not interfere with its proper ventilation.

To maintain good ventilation, do not put records or a table-cloth on the unit. Place the unit at least 4 inches away from the walls.

Do not use the unit on a bed, sofa, rug or similar surface that may block the ventilation openings. This unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

5 Water and moisture. The unit should not be used near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

6 Temperature. The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +41°F.

7 Heat. The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.

8 Electric Shock. Care should be taken so that objects do not fall and liquid is not spilled into the enclosure through openings. If a metal object, such as a hair pin or a needle, comes into contact with the inside of this unit, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.

9 Enclosure removal. Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.

10 Cleaning. Unplug this unit from the wall outlet before cleaning. Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc. to clean the cabinet. Use a clean dry cloth.

11 Lightning. For added protection for this unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and power-line surges.

12 Abnormal smell. If an abnormal smell or smoke is detected, immediately turn the power OFF and unplug the unit from the wall outlet. Contact your dealer or nearest service center.

13 Damage requiring service. The unit should be serviced by qualified service personnel when:

The power-supply cord or the plug has been damaged.

Objects have fallen, or liquid has been spilled into the unit.

The unit has been exposed to rain or water.

The unit has been dropped, or the enclosure damaged.

The unit exhibits a marked change in performance.

The unit does not appear to operate normally by following the instruction manual. Adjust only those controls that are covered by the instruction manual as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation.

14 Servicing. The user should not attempt to service the unit beyond that described in the instruction manual. All other servicing should be referred to qualified service personnel.

15 Power lines. An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

16 AC outlets. Do not connect other audio equipment with a power consumption larger than that specified to the AC outlet on the rear panel. Never connect other electrical units, such as an iron or toaster, to it to prevent fire or electric shock.

17 Overloading. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

18 Attachment. Do not use attachments not recommended by the unit manufacturer as they may cause hazards.

19 Replacement parts. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

20 Safety check. Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.

21 Carts and stands. Don't put this unit on a cart or stand that is unsteady or that can not support the unit's weight. If you move this unit on a cart or stand, be careful—quick stops, excessive force and pushing over or uneven surfaces, may cause the cart to overturn and damage your equipment.



FCC Warning

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

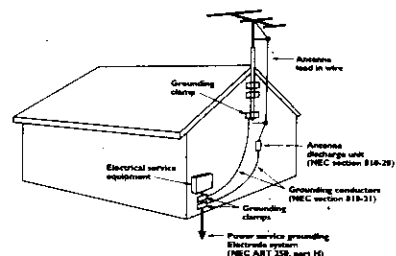
Important

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help


Cable System Installer Notice

Article 820-40 of the NEC provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



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Welcome

Your CenterStage Instant Home Theater is a complete system for playing both movies and music. All of the amplifiers and electronic circuitry are contained within the front speakers.

Although the CenterStage system is easy to set up, please follow the instructions in this manual carefully to get the best performance from your system.

Use these instructions along with those in the manuals for any other equipment you're connecting (like a VCR, CD player, cassette deck, or television).

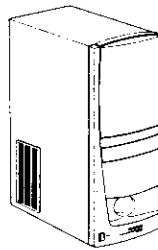
Unpacking

Unpack all of the components carefully and examine them for shipping damage. If any are damaged or fail to operate, notify your dealer immediately. If your system was shipped to you directly, notify the shipping company without delay. Only the person or company who originally received the system can file a claim against the carrier for shipping damage. Keep the original carton and packing materials in case you need to transport or ship your system.

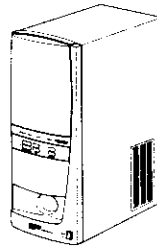
In this box you should have

Check the list below to make sure you have everything.

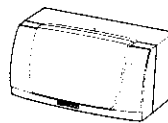
Left speaker



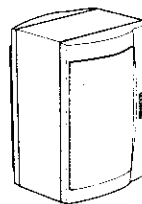
Right speaker



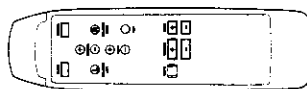
Center speaker



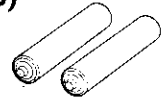
Surround speaker



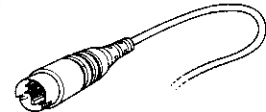
Remote



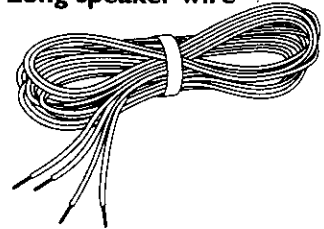
Batteries for remote (AA or R6)



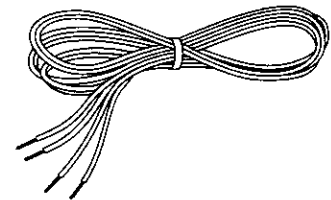
Multi-pin wire



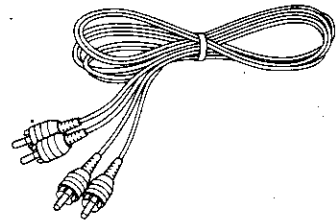
Long speaker wire



Short speaker wire



10 foot audio cables (2)



You may need to purchase

- Video cables
- Speaker wire

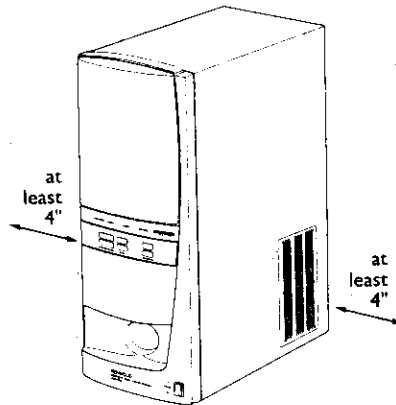
Positioning the speakers

Placing the left and right speakers

Place the left and right speakers on each side of your TV screen. The right speaker has the controls on its front panel.

- If you place the left and right speakers close to your TV, the picture could be discolored. If this happens, move the speakers away from the TV until the discoloration disappears.
- For the best stereo effect, place the speakers at least 2 feet from the sides of the TV (but not too far away).
- For the best stereo effect (especially if they are more than 8 feet apart), rotate each speaker slightly toward the listening area.

- Leave at least 4 inches of space on either side of the speakers, so you do not block the vents on each side of the speakers. Do not lay the speakers on their sides.



Placing the center speaker

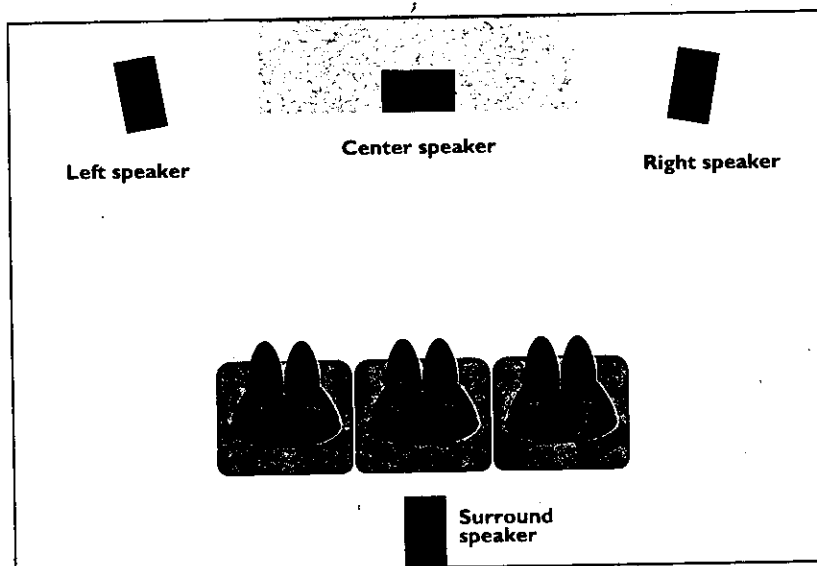
Place the center speaker above or below the middle of the TV or video screen.

- Since the center speaker is magnetically shielded, you can place it directly on top of your TV without worrying about picture discoloration.
- Make sure that the speaker is aimed directly toward the listeners at seated ear level. If you place it above or below ear level, tilt it down or up slightly to aim it toward the listeners.
- Make sure the center speaker is as close as possible to the same height as the left and right speakers. Try to place it so there is less than a 2 foot height difference between the center and the left and right speakers.

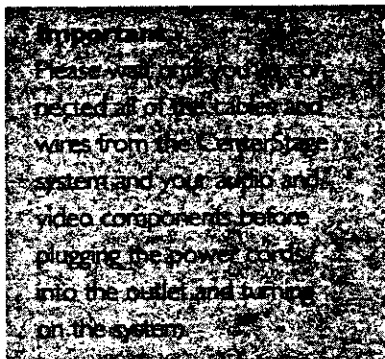
Placing the surround speaker

Place the surround speaker on a wall directly behind the listening area (this is where it's designed to work best).

- Mount the speaker at least 2 feet above the listeners' heads, with the back of the cabinet (with the connector) flush against the wall. You can hang the speaker on the wall using an ordinary picture hanger (10 lb test), or you can place it on a shelf.



Connecting the system components



Connecting the speakers

- Place the speakers in their approximate locations first—the cables we've supplied should be long enough so that you can move the speakers around a bit to fine-tune their locations.
- If you need longer lengths of speaker wire than the ones supplied, purchase 18-gauge or 16-gauge speaker wire at the dealer where you bought this system. (The smaller the number, the thicker the wire—so 16-gauge wire is thicker than 18-gauge).
- Never allow the positive and negative speaker wires to touch each other (this can cause a short-circuit which could damage your system).
- Be sure to connect the positive (red) jack on the center and surround speakers to the positive jack on the right speaker.

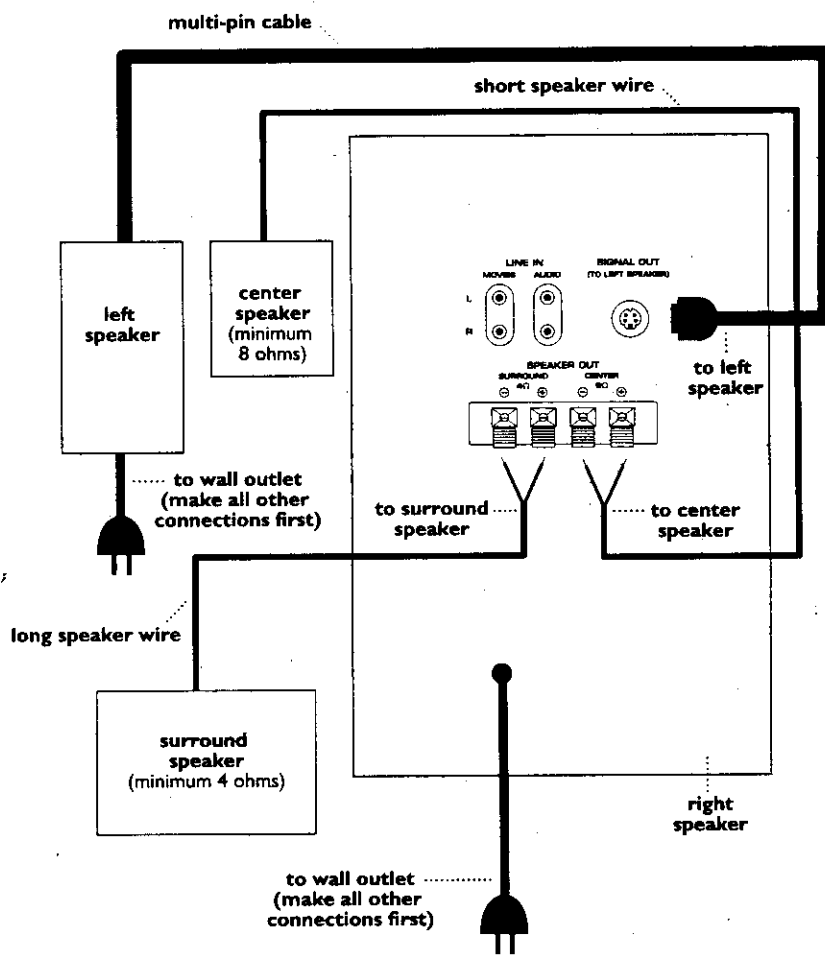
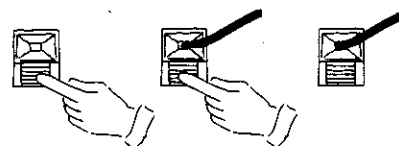
Use the markings on the wire insulation to keep track of the (+) and (-) connections.

- Check to make sure that no strands from one terminal touch any other wire or terminal.

Using speaker wire

We've removed the insulation from the ends of the speaker wires we've supplied.

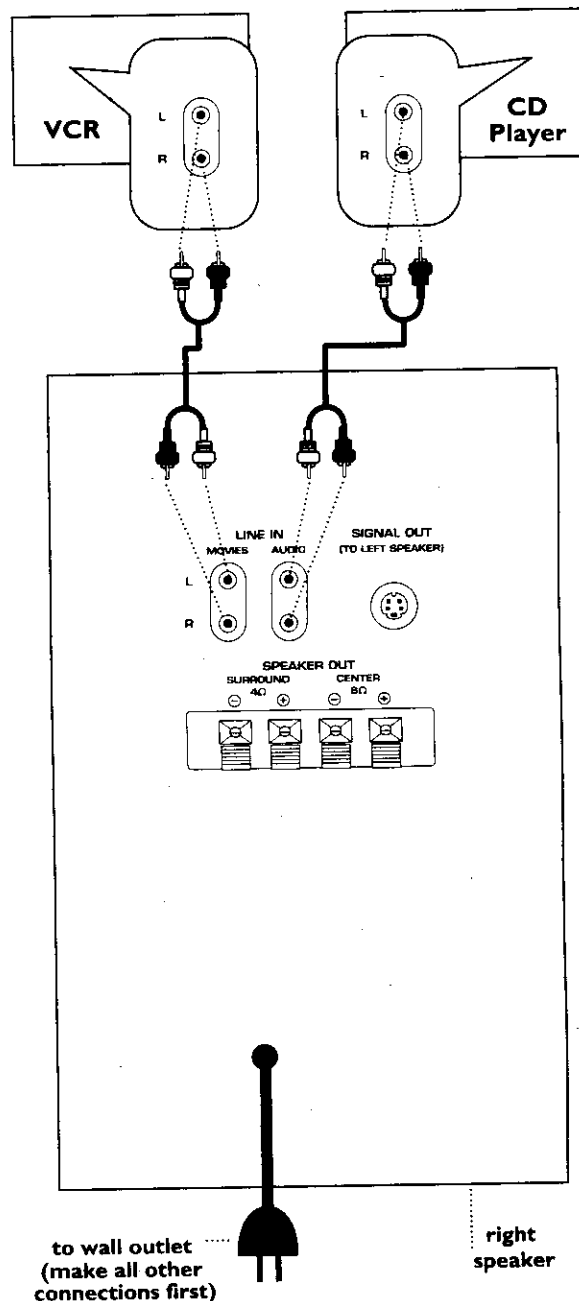
Connecting the wires:



Connecting audio and video components

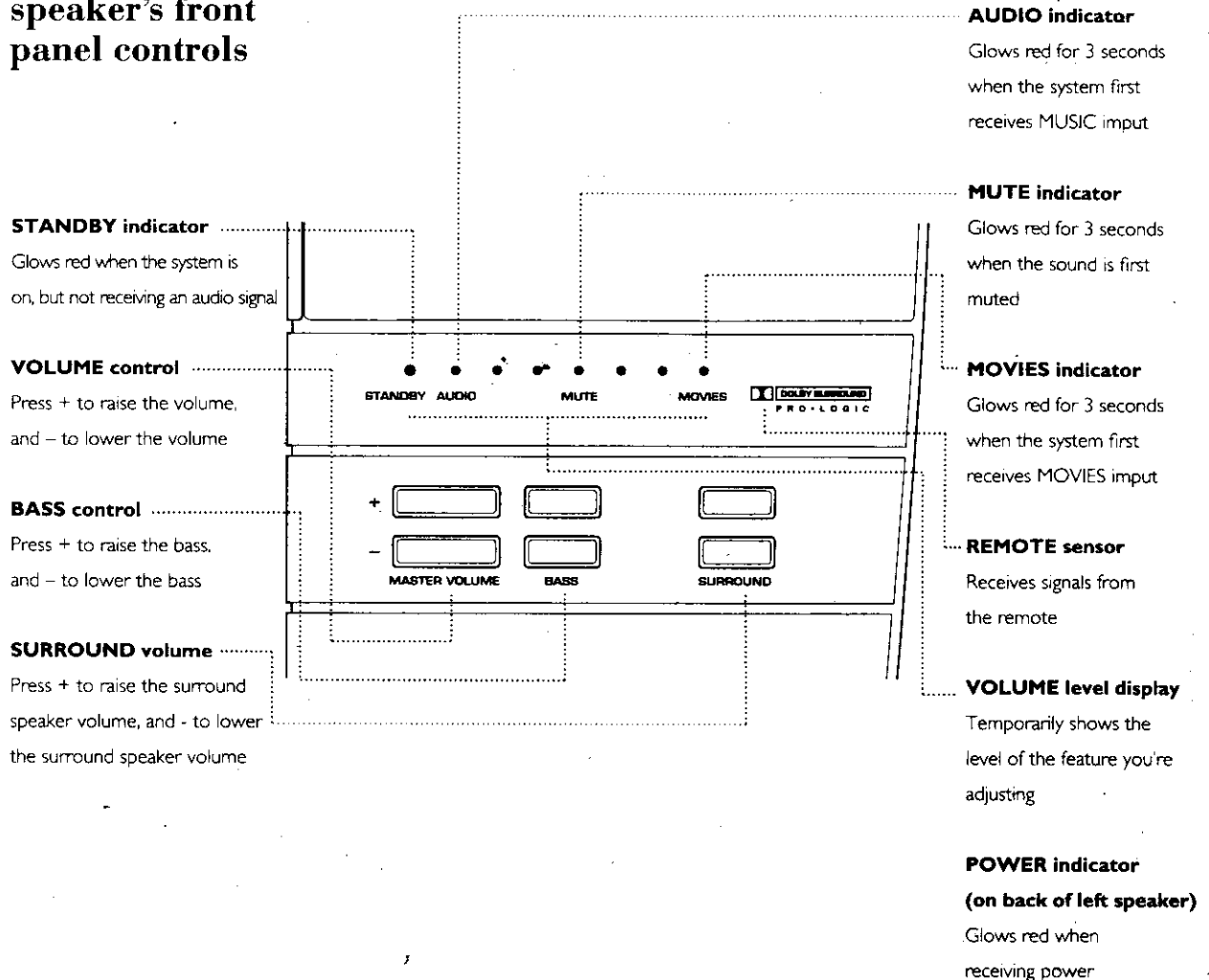
You can use your CenterStage system with a video source and a music source. Video sources can include a stereo VCR, laserdisc player, satellite receiver, or the audio from your television (if it has audio outputs). Music sources can include a CD player, cassette deck, DAT deck, or mini-disc recorder.

- To produce surround sound, the Dolby Surround Pro Logic circuitry in the CenterStage system must be used with a stereo input signal. If your VCR or television only has a mono audio output, you'll only hear sound through the center speaker.
- Do not connect a turntable to the CenterStage system. The CenterStage system doesn't have the electronic circuitry needed to properly play records.
- For more instructions, read the user manual that came with each of the source components.



Operating your CenterStage system

Using the right speaker's front panel controls



Turning the system on

After you've connected the speakers and the audio and video components:

- 1 Plug the power cords on the left and right speakers into an electrical outlet.
- 2 Push the on/off switch on the front of the left and right speakers to ON.

About Auto-Standby

After you turn it on for the first time, the CenterStage system's auto-standby feature will shut the system off when you're not using it, and turn it on again as needed.

Turning the system off

If you will not be using the system for an extended period of time, turn both of the power switches off.

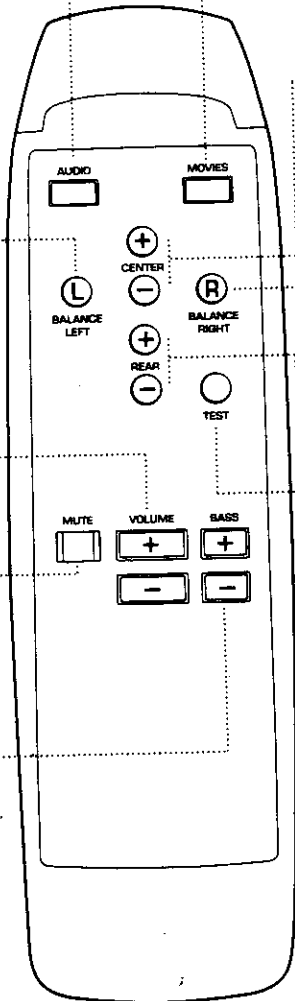
Using the remote

AUDIO selector

Selects your music source (CD player, cassette deck, and so on)

MOVIES selector

Selects your movie source (VCR, cable or satellite tuner, and so on)



BALANCE control (L)

Raises the left speaker volume

CENTER VOLUME buttons

Raises or lowers the center speaker volume

BALANCE control (R)

Raises the right speaker volume

VOLUME control

Raises or lowers the volume

SURROUND VOLUME buttons

Raises or lowers the surround speaker volume

MUTE button

Mutes the sound (press either volume button to restore the sound)

TEST button

Test activates the test noise for speaker balancing

BASS control

Raises or lowers the bass volume

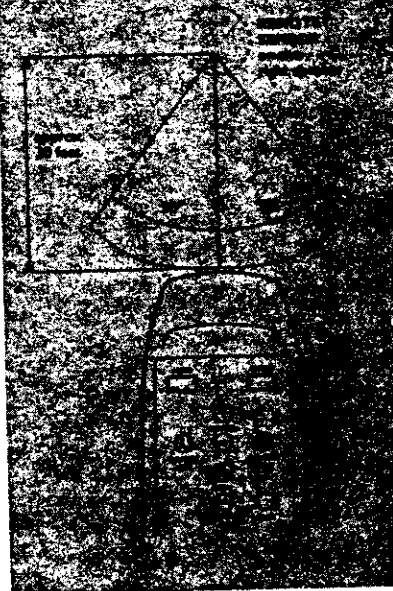
A few tips

Depending on temperature, humidity, and other environmental conditions, the operating range of your remote is approximately 30' and up to 30' degrees on either side of the right speaker's remote sensor.

When the operating distance of your remote begins to get shorter, replace both alkaline batteries with new ones.

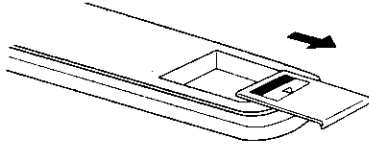
When you press 2 buttons one after the other, press each button securely for more than 1 second each.

The remote may malfunction if direct sunlight or fluorescent light enters the sensor. In this case, either move the unit away from the receiving sensor, or remove the light source.



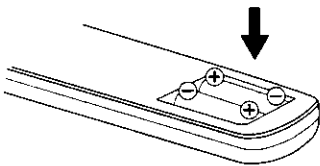
Loading batteries

- 1 Remove the cover by pressing down on the ridged area, and sliding it off in the direction of the arrow.

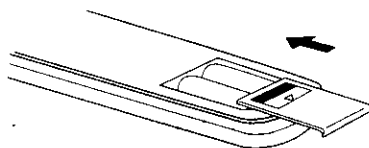


- 2 Insert 2 AA-size batteries.

- Be sure to pay attention to the '+' and '-' signs when you're inserting the batteries.



- 3 Close the cover.



Tip:

The batteries that came with this system are test batteries and may not last as long as alkaline batteries

Balancing the speaker levels

The speakers have been pre-balanced at the factory for a typical room, so your system should sound good right out of the box. However, if you're using your system in an unusually-shaped room or just want to fine-tune the sound yourself, here's how to do it.

Before you start:

- Make sure the room is as quiet as possible.

Balancing your system with test noise

- 1 Sit in your usual listening location.

- 2 Point the remote at the right speaker and press the TEST button.

- The system will turn on automatically.

- You'll hear test noise circulate between the channels in the following order: LEFT>CENTER>RIGHT>SURROUND. The noise will circulate once, then shut off.

- 3 Use the MASTER VOLUME controls to adjust the volume so it is reasonably (but not uncomfortably) loud.

- 4 Press the TEST button again, and listen to the test noise level of each speaker carefully. You may have to press the TEST button more than once while making the adjustments.

- 5 Using the BALANCE keys, adjust the balance between the left and right speakers so the test noise volume is the same in each speaker.

- While you press the BALANCE keys the test noise stops circulating and remains in the left or right speaker, whichever one you're adjusting.

- 6 Using the CENTER keys, adjust the center speaker so that the volume of the test noise is the same as the left and right speakers.

- While you press the CENTER keys the test noise stops circulating and remains in the center speaker.

- 7 Using the SURROUND keys, adjust the surround speaker so that the volume of the test noise is the same as the left and right speakers.

- While you press the SURROUND keys the test noise stops circulating and remains in the surround speaker.

- 8 When all of the speakers sound like they're the same volume, you've balanced your system.

Balancing the system with movies or music

You can also fine-tune the speaker level balance with the remote control while watching movies or listening to music.

Playing a movie or music

To play a movie

- 1 Play a tape, laser disc, TV, cable, or satellite tuner.
- 2 The system will automatically switch ON, and begin to play the movie soundtrack.

To play music

- 1 Play a CD, minidisc, cassette, or DAT tape.
- 2 Using the remote, select the AUDIO input. (The system always changes to the MOVIES input after it shuts off).

About the volume indicator

There are 2 special volume indicator functions:

- 1 Once one of the speakers has reached maximum volume, all of the lights on the volume indicator will be lit.
 - If you raise the volume further, the right-most light will flash, and any speakers not already at maximum volume will be increased.
 - Once all speakers have reached maximum, you can't raise the volume further and the volume indicator will stop flashing.
 - When you lower the volume from maximum, the volume indicator will flash as the original speaker balance is restored. Once the speaker balance is restored, the indicator will stop flashing.

- 2 Once one of the speakers has reached minimum volume, only the light on the far left remains lit.

- If you lower the volume further, the light on the far left remains lit, and any speakers not already at minimum volume will be lowered until all of them are at minimum.
- When you raise the volume from minimum, the light at the far left remains lit as the original speaker balance is restored. Once the speaker balance has been restored, the indicators will light as the volume is restored.

About changing the bass volume

You can change the bass volume from either the remote or the front panel of the right speaker.

Troubleshooting

Sometimes things just don't seem to be working right. When this happens, first look back over this manual to find the instructions for what you are trying to do. You may find the solution to your problem right there.

- If that doesn't work, look for the problem in this troubleshooting guide
- If you still can't solve the problem, call the store where you purchased your system, or call a Kenwood-authorized repair service.
- If you have a problem with another component, check the manual for that unit.

Remote will not operate

- Check the batteries, and replace them if needed.
- Check that the remote is close enough to the system; that the controlling angle is small enough; that there's no obstacle in between the remote and the right speaker.

No sound from the system

- Check that the power cords are properly plugged into wall outlets.
- Check that the power switches are turned on.
- Check that all the speaker cables are properly connected.
- Check that the audio cable from the source component is properly connected.
- Check that the volume control is set at a proper level.
- Check that the mute is OFF.
- If you want to listen to a MUSIC source, check that you have pressed the AUDIO input selector on the remote. (The system changes to the MOVIES input when it shuts down).
- Check that the source is playing. The CenterStage system's Auto-ON feature will not turn the system on until it detects an input signal.

No sound from the left or right speaker

- Check that the power cords are properly plugged into wall outlets.
- Check that the power switches are turned on.
- Check that the audio cables from the source components are properly connected.
- Check that the cable is properly connected between the left and right speakers
- Check that the balance between the left and right speakers isn't set too far to one side.

No sound from the center or surround speaker, or the sound is abnormally low

- Check that the audio and speaker cables are properly connected.
- Check that the center and surround speaker levels are not set too low.

Sound only comes from the center speaker

- Check that the movie or other source is recorded in Dolby Surround or in stereo. (Mono recordings will play only through the center speaker).

The ON/STANDBY indicator blinks, but there is no sound

- Check that the speaker cables aren't short-circuited (any of the + and - wires touching each other). If they are, get rid of points where the wires touch.

None of the functions operate, or the volume display shows wrong information

- Reset the system's micro-computer by turning the right speaker's power switch off and then on again.

For your records

Record the serial number (it's on the back of each unit) on the warranty card, and in the space below (in case you need to call your dealer for information or service). And be sure to save your original purchase receipt.

Model Number: STS-1000

Serial Number

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