

## Speaker System

# SKS-4800

## Instruction Manual

Thank you for your purchase of the Onkyo speaker system.  
Please read this manual thoroughly before using it. Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new speaker system.  
Please retain this manual for future reference.

### Before using this unit

- The speaker cabinet is made of wood and is therefore sensitive to extreme temperatures and humidity. Avoid placing the speaker systems in locations subjected to direct sunlight, or in smoky or in humid places, such as near an air conditioner, humidifier, bathroom, or kitchen. Doing so may result in damage to the speaker.
- Place the unit on a rigid, level surface. Placing it on a slanted surface or weak base not only may cause the unit to fall, but also results in decreased sound quality.
- Be sure to turn off your amplifier before connecting the speaker system. Connecting them with the amplifier's power on may result in damage to the amplifier or the speaker system.
- Keep water or other liquids away from the unit. If water is spilled into the unit, not only the unit but also the speakers themselves may be damaged.

### Precaution on use

- This speaker system can handle the specified input power when it is used for ordinary music reproduction. If the following abnormal signals are fed to the speaker, however, an overcurrent may flow in the internal circuits, causing burning or breakage of the wires even if the input power is below the specified rating.
  1. Noise produced when FM station is not tuned in
  2. Sound produced when fast-forwarding cassette tape deck
  3. High-frequency sound generated by an oscillator, an electronic musical instrument, etc.
  4. Oscillating amplifier signals
  5. Special test signals produced by audio checking CD, etc.
  6. Sound produced when connecting or disconnecting audio connection cables (Always turn off the amplifier's power before connecting or disconnecting cables.)
  7. Howling when a microphone is used
- Do not place magnetic objects such as screwdrivers and iron parts near the tweeter since they use speakers with strong magnets. Otherwise, the objects may be attracted, causing injury or damaging the diaphragm.

## Model name

Center speaker system SKC-4800 × 1

Surround speaker system SKR-4800 × 2

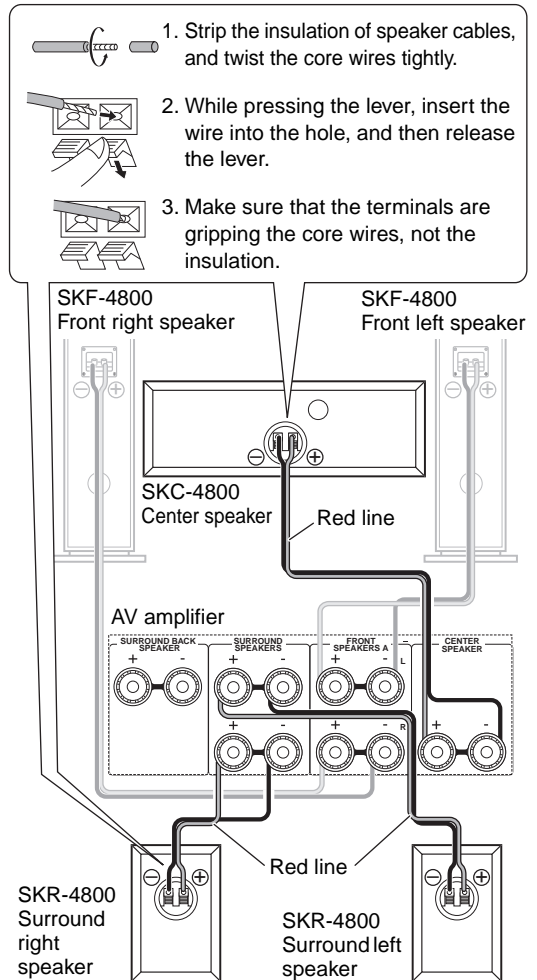
The two speakers are identical, so it doesn't matter which one you use on the left or right.

## Connections

- Turn the sound volume to the minimum and disconnect the power cord from the amplifier before connecting the speaker cables.
- The nominal impedance of this speaker system is 6 Ω. Use only amplifiers capable of handling this impedance.
- Use the supplied speaker cables to connect between speaker's input terminals and the amplifier's speaker terminals as illustrated on the below.
- Use the red line wires to connect the positive (+) terminals.
- Connect the speaker cables securely to the terminals, with the core wires twisted properly. In this case, make sure that the core wires do not touch each other. Note that a short circuit in core wires may result in damage to the amplifier.



## Connecting to AV amplifier



### Before turning on the amplifier's power switch:

- Make sure that the positive (+) and negative (-) speaker cables do not contact each other. Otherwise, a short-circuit may occur, causing damage to the amplifier.
- Be sure to connect the speaker cables with correct polarity (connect the speaker's positive (+) and negative (-) binding posts with the amplifier's corresponding speaker terminals). Reversed polarity results in impaired bass-range reproduction, causing mislocalization of the sound image. Also, be sure to connect the Right and Left speakers with the amplifier's corresponding speaker terminals.
- Pull lightly on the speaker cables to ensure that they are connected firmly.

### Placement

For better-quality sound, observe the following precautions when you install the speaker system:

- Placing the speaker system on several small-diameter supports generally results in better sound than placing it directly on a wide installation surface. Also note that high quality bass cannot be obtained if the speaker system is unstably positioned. Always use the spacers or thin metal discs (such as coins) to seat the speaker stably.
- Place the Right and Left surround speakers in similar conditions. If they are placed in extremely different conditions, left right channel balance will be adversely affected.

### SKC-4800 Center Speaker

Place the SKC-4800 as close as possible to your TV set, for example, above or below the TV set. Be sure to set the SKC-4800 firmly on the TV set or other equipment so that it cannot slip and fall. This is especially important if you have small children. If the SKC-4800 is to be placed on a TV set, be sure that:

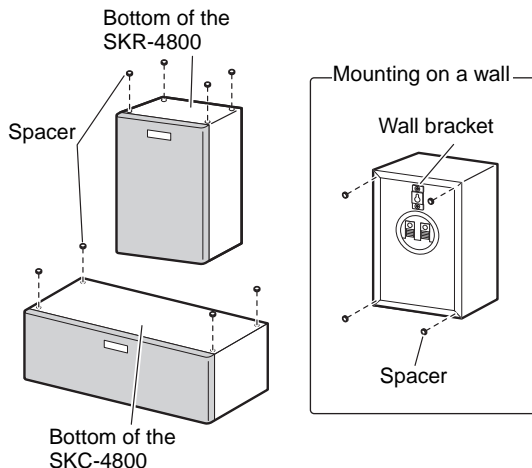
- The supporting area of the TV set is larger than that of the SKC-4800.
- The TV set's support surface is flat and level.
- The TV set is not placed on an unstable support.

### SKR-4800 Surround Speaker

If the speakers are to be wall-mounted, make sure that the walls are strong enough to support the speaker's weight. The weight that mounting screws can support varies greatly depending on the wall material and the position of the reinforcing ribs embedded in the wall. Use the thickest and longest possible mounting screws with mounting screw head diameters less than 8.5 mm and shank diameters less than 3.5 mm (consult with your interior designer or contractor).

### Using spacers

Affix four of the supplied spacers to the SKC-4800/SKR-4800.



### Use with a TV set

In general, Braun tubes used for color TV sets, etc. are extremely sensitive and can be affected even by the magnetism of the earth. If a speaker system is used near them, therefore, discoloration or distortion of pictures will occur. Refer to the following precautions when you use the speaker with TV sets.

#### For magnetic shielded speaker (SKC-4800):

The speaker is shielded to prevent discoloration. In some situations, however, discoloration may still be an issue, in which case you should turn off your TV sets, wait 15 to 30 minutes, and then turn it back on again. This normally activates the degaussing function, which neutralizes the magnetic field, thereby removing any discoloration effects. If discoloration problems persist, try moving the speaker away from your TV sets.

#### For non-magnetic shielded speakers (SKR-4800):

Try moving the speakers away from your TV sets. If discoloration should occur, turn off your TV sets, wait 15 to 30 minutes, and then turn it back on again. This normally activates the degaussing function, which neutralizes the magnetic field, thereby removing any discoloration effects.

### Speaker care

Your Onkyo speakers are finished with a very high quality polymer laminate covering that serves to protect the wood speaker cabinet.

Wipe the cabinet periodically with a dry, silicon-embedded or plain soft cloth.

The covering may be cleaned with a soft cloth moistened with water and a mild soap. Avoid the use of furniture polishes or harsh cleansers. Use a soft brush or hand vacuum cleaner to remove dust and lint from the grille material.

## Specifications

Specifications and appearance are subject to change for improvement without prior notice.

### SKC-4800

Type: 2-way Bass Reflex  
Impedance: 6  $\Omega$   
Maximum input power: 130 W  
Output sound pressure level: 86 dB/W/m  
Frequency response: 65 Hz–50 kHz  
Crossover frequency: 6 kHz  
Cabinet capacity: 2.6 L  
Speaker: 8 cm Cone Woofer x 2  
2.5 cm Balanced-dome Tweeter  
Dimensions: 372 (W) x 125 (H) x 110 (D) mm  
(Overall dimensions)  
Weight: 2.3 kg  
Others: Magnetic shielding

### SKR-4800

Type: Full-range Suspension  
Impedance: 6  $\Omega$   
Maximum input power: 60 W  
Output sound pressure level: 81 dB/W/m  
Frequency response: 80 Hz–18 kHz  
Cabinet capacity: 1.0 L  
Speaker: 8 cm Cone Woofer  
Dimensions: 117 (W) x 180 (H) x 100 (D) mm  
(Overall dimensions)  
Weight: 0.9 kg (/speaker)

Accessory: 3 m speaker cable x 1  
8 m speaker cable x 2  
Instruction manual  
Cork spacer x 12

# ONKYO®

ONKYO SOUND & VISION CORPORATION  
2-1, Nisshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN  
Tel: 072-831-8023 Fax: 072-831-8163  
<http://www.onkyo.com/>

ONKYO U.S.A. CORPORATION  
18 Park Way, Upper Saddle River, N.J. 07458, U.S.A.  
Tel: 800-229-1687, 201-785-2600 Fax: 201-785-2650  
<http://www.us.onkyo.com/>

ONKYO EUROPE ELECTRONICS GmbH  
Liegnitzerstrasse 6, 82194 Groebenzell, GERMANY  
Tel: +49-8142-4401-0 Fax: +49-8142-4401-555  
<http://www.eu.onkyo.com/>

ONKYO EUROPE ELECTRONICS GmbH (UK BRANCH)  
The Coach House 81A High Street, Marlow, Buckinghamshire, SL7 1AB, UK  
Tel: +44-(0)1628-473-350 Fax: +44-(0)1628-401-700

ONKYO CHINA LIMITED  
Unit 1033, 10/F, Star House, No 3, Salisbury Road, Tsim Sha Tsui Kowloon, Hong Kong.  
Tel: 852-2429-3118 Fax: 852-2428-9039  
<http://www.ch.onkyo.com/>

ONKYO CHINA PRC  
1301, 555 Tower, No.555 West NanJin Road, Jin an, Shanghai,  
China 200041, Tel: 86-21-52131366 Fax: 86-21-52130396

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