

# ONKYO®

## Speaker System

# SKS-22X

## SKC-22X, SKR-22X

## Instruction Manual

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

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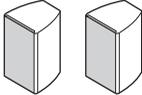
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## Package Contents



Speaker SKC-22X × 1



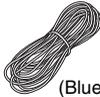
Speaker SKR-22X × 2



(Green)



(Gray)



(Blue)

SKC-22X:  
3 m (9' 10-1/8")

SKR-22X:  
8 m (26' 3") × 2

### Speaker cable

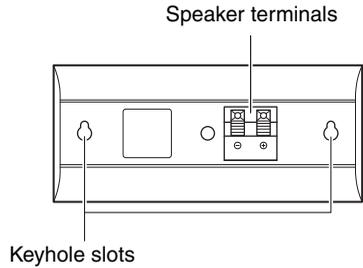


**4 thick rubber stoppers for SKC-22X**  
**8 thin rubber stoppers for SKR-22X**

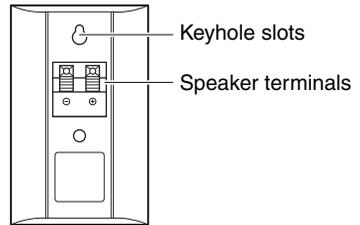
- The speaker cabinets are sensitive to extreme temperatures and humidity, do not put them in locations subject to direct sunlight or in humid places, such as near an air conditioner, humidifier, bathroom, or kitchen.
- Do not put water or other liquids close to the speakers. If liquid is spilled over the speakers, the drive units may be damaged.
- As explained in this manual, mount the speakers on a wall, or on the optional stands/brackets, otherwise, they may fall, causing personal injury or damage to the speakers.

## Getting to Know the Speakers

### ■ SKC-22X



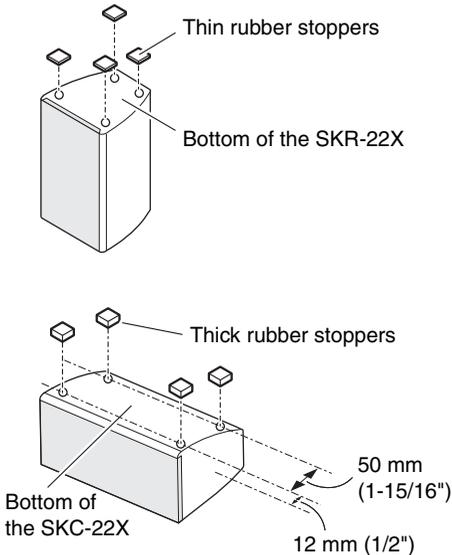
### ■ SKR-22X



- \* In catalogs and on packaging, the letter at the end of the product name indicates the color. Specifications and operations are the same regardless of color.

## Using Rubber Stoppers for more Stable Platform

We recommend using the supplied rubber stoppers to achieve the best possible sound from your speakers. The rubber stoppers prevent the speakers from moving, providing a more stable platform. Use thick rubber stoppers for the SKC-22X, and thin rubber stoppers for the SKR-22X



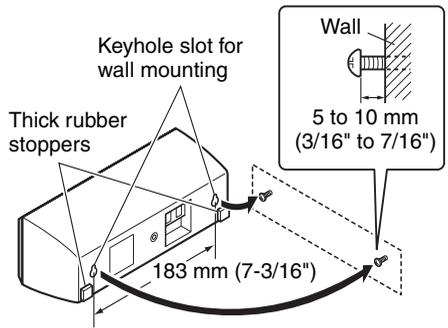
## Wall Mounting

The speakers can easily be wall mounted by using the keyhole slots.

### ■ Mounting the SKC-22X

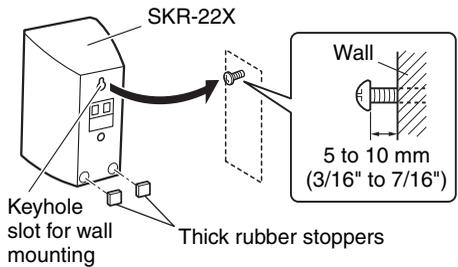
To mount the SKC-22X speaker, use the two keyhole slots shown to hang the speaker on two screws that are securely screwed into the wall.

The distance between the keyhole slots is 183 mm (7-3/16").



### ■ Mounting the SKR-22X

To mount the SKR-22X speakers, use the keyhole slot shown to hang each speaker on screw that is securely screwed into the wall.



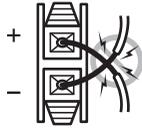
### Caution:

A mounting screw's ability to support a speaker depends on how well it's anchored to the wall. If you have hollow walls, screw each mounting screw into a stud. If there are no studs, or the walls are solid, use suitable wall anchors. Use screws with a head diameter of 9 mm (5/16") or less and a shank diameter of 4 mm (1/8") or less. With hollow walls, use a cable/pipe detector to check for any power cables or water pipes before making any holes. Leave a gap of between 5 mm (3/16") and 10 mm (7/16") between the wall and the base of the screw head, as shown. (We recommend that you consult a home installation professional.)

## Connecting the Speakers

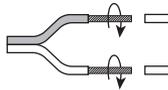
Read the following before connecting your speakers:

- Turn off your amp/receiver before making any connections.
- The nominal impedance of these speakers is 6 Ω. Use only an amp/receiver that supports this impedance.
- Pay close attention to speaker wiring polarity. Connect positive (+) terminals to only positive (+) terminals, and negative (-) terminals to only negative (-) terminals. If the speakers are wired incorrectly, the sound will be out of phase and will sound unnatural.
- Be careful not to short the positive and negative wires. Doing so may damage your amp/receiver.



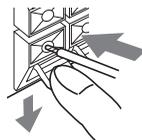
## Connecting the Speaker Cables

- 1 Strip the insulation from the ends of the speaker cables, and twist the bare wires tightly.**

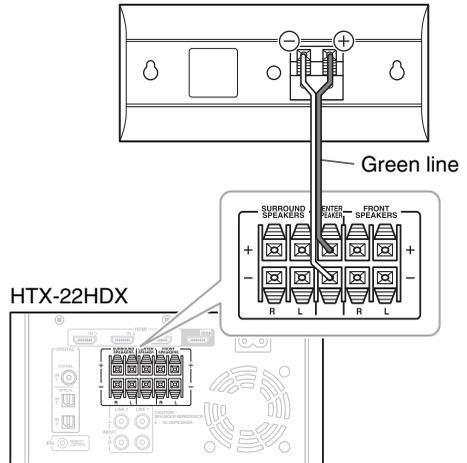


- 2 Use the cables to connect each speaker's input terminals to the corresponding speaker output terminals on your amp/receiver.**

To make a connection, while pressing the terminal lever, insert the wire into the hole, and then release the lever. Make sure that the terminals are gripping the bare wires, not the insulation.

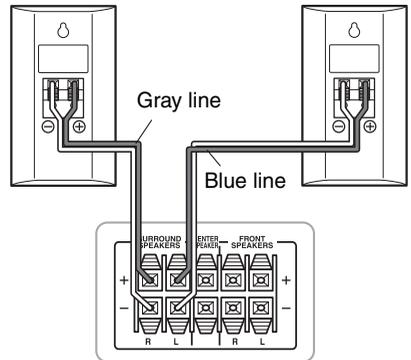


### ■ SKC-22X

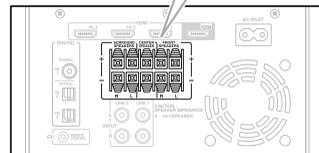


### ■ SKR-22X

Surround right speaker      Surround left speaker



HTX-22HDX



The left and right speakers are identical, so you can use either one as the left or right speaker and the sound quality will not be affected.

#### Note:

- Connect the speakers to the appropriate speaker terminals on your amp or receiver. See your amp or receiver's instruction manual for details.

## Operating Precautions

The speakers can handle the specified input power when used for normal music reproduction. If any of the following signals are fed to them, even if the input power is within the specified rating, excessive current may flow in the speaker coils, causing burning or wire breakage:

1. Interstation noise from an untuned FM radio.
  2. Sound from fast-forwarding a cassette tape.
  3. High-pitched sounds generated by an oscillator, electronic musical instrument, and so on.
  4. Amplifier oscillation.
  5. Special test tones from audio test CDs and so on.
  6. Thumps and clicks caused by connecting or disconnecting audio cables (Always turn off your amplifier before connecting or disconnecting cables.)
  7. Microphone feedback.
- The speakers contain strong magnets, so do not put magnetic or iron objects such as screwdrivers close to them. If you do, the object may be attached to the magnets, causing personal injury or damage to the diaphragm.

## Speaker Care

Wipe the cabinet occasionally with a dry silica or soft cloth. For heavier dirt, after dampening a soft cloth in a weak solution of mild detergent and water and wringing it out dry, wipe off the dirt. Then, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these could damage the finish, remove the panel lettering, or cause discoloration. If you are using a chemical cloth, always follow the instructions that come with the cloth. For dust accumulated on grilles, use a vacuum cleaner or brush it off.

## Use with a TV Set or Computer

TVs and computer monitors are magnetically sensitive devices and as such are likely to suffer discoloration or picture distortion when conventional speakers are placed nearby. To prevent this, the SKC-22X and SKR-22X speaker features internal magnetic shielding. In some situations, however, discoloration may still be an issue, in which case you should turn off your TV or monitor, 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 speakers away from your TV or monitor. Note that discoloration can also be caused by a magnet or demagnetizing tool that's too close to your TV or monitor.

## Specifications

### ■ SKC-22X

|                      |   |
|----------------------|---|
| Type:                | Full Range Bass-reflex  |
| Impedance:           | 6 $\Omega$  |
| Maximum input power: | 40 W  |
| Sensitivity:         | 84 dB/W/m   |
| Frequency response:  | 70 Hz - 20 kHz  |
| Cabinet capacity:    | 1.4 L (0.05 cubic feet)   |
| Drivers unit:        | 8 cm (3-1/4") Cone $\times$ 1   |
| Terminal:            | Spring type color coded   |
| Keyhole slot:        | 2   |
| Grille:              | Fixed   |
| Dimensions:          | 230 (W) $\times$ 102 (H) $\times$ 113 (D) mm<br>(9-1/16" $\times$ 4" $\times$ 4-7/16")<br>(incl. grille and projection) |
| Weight:              | 0.9 kg (2.0 lbs.)   |
| Others:              | Magnetic shielding  |

### ■ SKR-22X

|                      |  |
|----------------------|--|
| Type:                | Full Range Bass-reflex   |
| Impedance:           | 6 $\Omega$   |
| Maximum input power: | 40 W   |
| Sensitivity:         | 80 dB/W/m  |
| Frequency response:  | 70 Hz - 20 kHz   |
| Cabinet capacity:    | 1.0 L (0.036 cubic feet)   |
| Drivers unit:        | 8 cm (3-1/4") Cone $\times$ 1  |
| Terminal:            | Spring type color coded  |
| Keyhole slot:        | 1  |
| Grille:              | Fixed  |
| Dimensions:          | 101 (W) $\times$ 161 (H) $\times$ 111 (D) mm<br>(4" $\times$ 6-5/16" $\times$ 4-3/8")<br>(incl. grille and projection) |
| Weight:              | 0.8 kg (1.76 lbs.)   |
| Others:              | Magnetic shielding   |

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

# Memo

# **ONKYO CORPORATION**

Sales & Product Planning Div. : 2-1, Nisshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN  
Tel: 072-831-8023 Fax: 072-831-8163

## **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 1&12, 9/F, Ever Gain Plaza, Tower 1, 88, Container Port Road, Kwai Chung,  
N.T., HONG KONG Tel: 852-2429-3118 Fax: 852-2428-9039  
<http://www.ch.onkyo.com/>

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