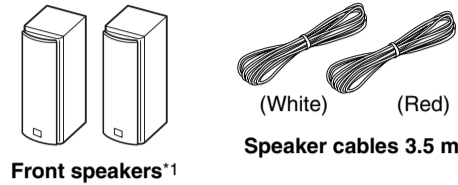


### Front speakers (SKF-980)



Front speakers<sup>\*1</sup>

Speaker cables 3.5 m  
(White) (Red)

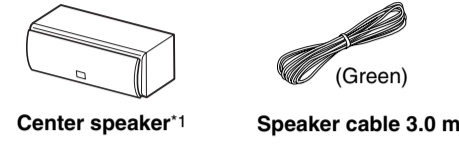
### Surround speakers (SKR-980)



Surround speakers<sup>\*2</sup>

Speaker cables 8.0 m  
(Blue) (Gray)

### Center speaker (SKC-980)



Center speaker<sup>\*1</sup>

Speaker cable 3.0 m  
(Green)



Cork spacer (12 pcs.) for front and center speakers

### Powered subwoofer (SKW-938)

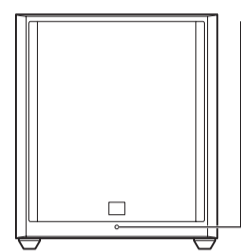


Subwoofer<sup>\*2</sup>

RCA cable 3.0 m

<sup>\*2</sup> Non-magnetic shielding.

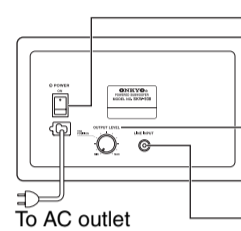
#### Front



#### Standby/On indicator

Red: Subwoofer in standby mode  
Blue: Subwoofer on  
With the Auto Standby function, the SKW-938 automatically turns on when an input signal is detected in Standby mode. When there's no input signal for a while, the SKW-938 automatically enters Standby mode.

#### Rear



#### POWER switch

Press this switch to the ON position to turn on the power. Press it to the OFF position to turn off the power.

#### OUTPUT LEVEL control

This control is used to adjust the volume of the subwoofer.

#### LINE INPUT

This RCA input should be connected to the subwoofer pre out on your AV receiver with supplied RCA cable.

#### Caution

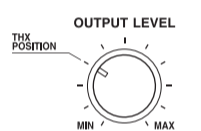
The front grille is not designed to be removed so does not attempt to remove it forcibly, as this will damage it.

#### Note

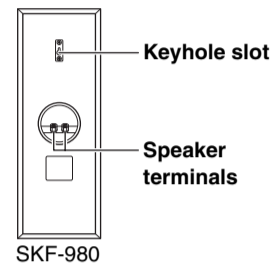
The Auto Standby function turns the subwoofer on when the input signal exceeds a certain level. In this case, set the OUTPUT LEVEL control to the center position, and disconnect the power cord from the AC outlet. Wait at least 10 seconds, and then reconnect the power cord. If that doesn't solve the issue, contact your Onkyo dealer.

#### Setting the Subwoofer Level

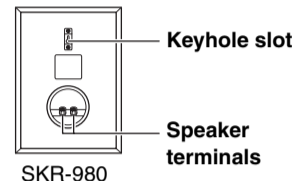
Make sure the SKW-938 subwoofer's output level control is set at the "THX-POSITION". You can then adjust the level as needed.



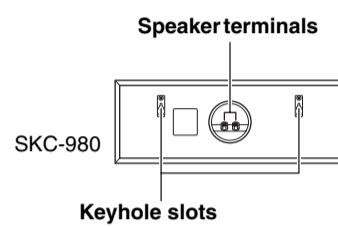
<sup>\*1</sup> For magnetic shielding.  
<sup>\*2</sup> Non-magnetic shielding.



SKF-980



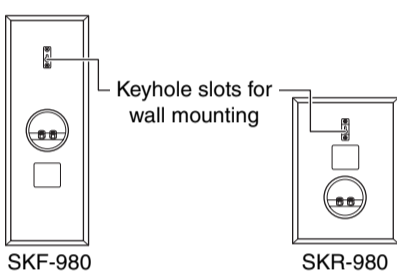
SKR-980



SKC-980

### Wall Mounting

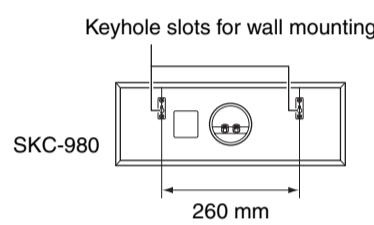
To mount the front/surround speakers vertically, use the keyhole slot shown to hang each speaker on a screw that's securely screwed into the wall.



SKF-980

SKR-980

To mount the center speaker horizontally, use the two keyhole slots shown to hang each speaker on two screws that are securely screwed into the wall.

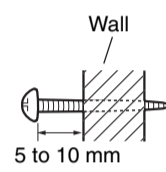


SKC-980

#### Caution

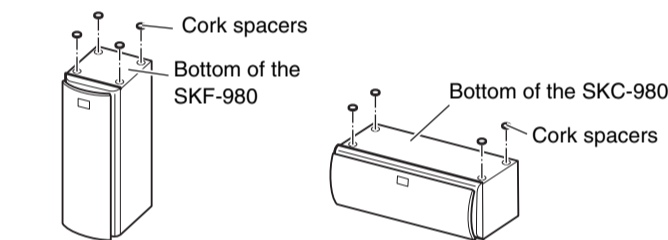
A mounting screw's ability to support a speaker depends on how well it's anchored to the wall. If you have hollow walls, screw each mounting screw into a stud. If there are no studs, or the walls are solid, use suitable wall anchors. Use screws with a head diameter of 9 mm or less and a shank diameter of 4 mm 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 and 10 mm between the wall and the base of the screw head, as shown. (We recommend that you consult a home installation professional.)



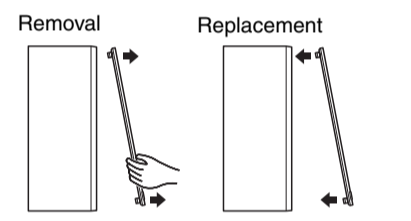
### Using the Cork Spacers for a More Stable Platform

We recommend using the supplied cork spacers to achieve the best possible sound from your speakers. The cork spacers prevent the speakers from moving, providing a more stable platform.



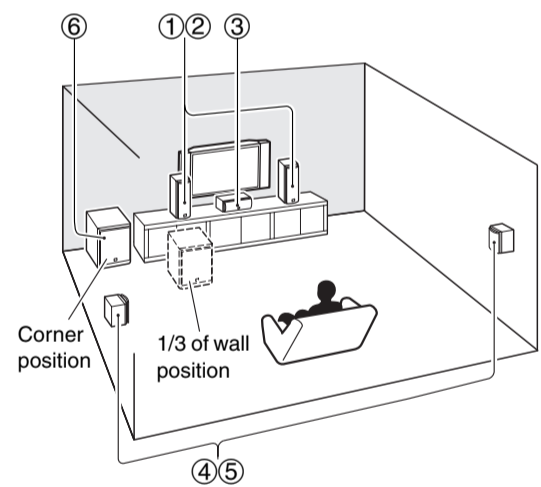
#### Attaching and detaching the speaker grilles

The front, center and surround speakers have detachable grilles. See the right illustrations to attach or detach them.



## Enjoying Home Theater

The Home Theater means that you can enjoy surround sound with a real sense of movement in your own home — just like being in a movie theater or concert hall.



#### 1, 2 Front left and right speakers (SKF-980)

They should be positioned facing the listener at about ear level, and equally spaced from the TV. Angle them inward slightly so as to create a triangle, with the listener at the apex.

#### 3 Center speaker (SKC-980)

Position it close to your TV (preferably on top) facing forward at about ear level, or at the same height as the front left and right speakers.

#### 4, 5 Surround left and right speakers (SKR-980)

Position them at the sides of the listener, or slightly behind, about 60 to 100 cm above ear level. Ideally they should be equally spaced from the listener.

#### 6 Subwoofer (SKW-938)

The subwoofer handles the bass sounds of the LFE (Low-Frequency Effects) channel. The volume and quality of the bass output from your subwoofer will depend on its position, the shape of your listening room, and your listening position. In general, a good bass sound can be obtained by installing the subwoofer in a front corner, or at one-third the way along the front wall, as shown.

## Specifications

#### Powered Subwoofer (SKW-938)

Type	Acoustic suspension
Rated output power (IEC)	125 watts minimum continuous power, 6 ohms, driven at 100 Hz with a maximum total harmonic distortion of 1%
Input sensitivity/impedance	280 mV / 20 kΩ
Frequency response	20 Hz to 100 Hz
Cabinet capacity	49 L
Dimensions (W × H × D)	380 mm × 444 mm × 429 mm (incl. grille and projection)
Weight	15.5 kg
Drivers unit	30 cm Cone Woofer
Power supply	AC 230 V, 50 Hz
Power consumption	137 W
Other	Auto Standby function

#### Front Speakers (SKF-980)

Type	2 Way Acoustic suspension
Impedance	8 Ω
Maximum input power	130 W
Sensitivity	83 dB/W/m
Frequency response	50 Hz to 45 kHz
Crossover frequency	2 kHz
Cabinet capacity	7.5 L
Dimensions (W × H × D)	158 mm × 433 mm × 199 mm (incl. grille and projection)
Weight	5.3 kg
Drivers unit	12 cm A-OMF Cone Woofer × 2, 2.5 cm Soft Dome Tweeter × 1
Terminal	Binding post (Banana type supported)
Other	Magnetic shielding

#### Center Speaker (SKC-980)

Type	2 Way Acoustic suspension
Impedance	8 Ω
Maximum input power	130 W
Sensitivity	83 dB/W/m
Frequency response	50 Hz to 45 kHz
Crossover frequency	2 kHz
Cabinet capacity	7.5 L
Dimensions (W × H × D)	433 mm × 158 mm × 199 mm (incl. grille and projection)
Weight	5.3 kg
Drivers unit	12 cm A-OMF Cone Woofer × 2, 2.5 cm Soft Dome Tweeter × 1
Terminal	Binding post (Banana type supported)
Other	Magnetic shielding

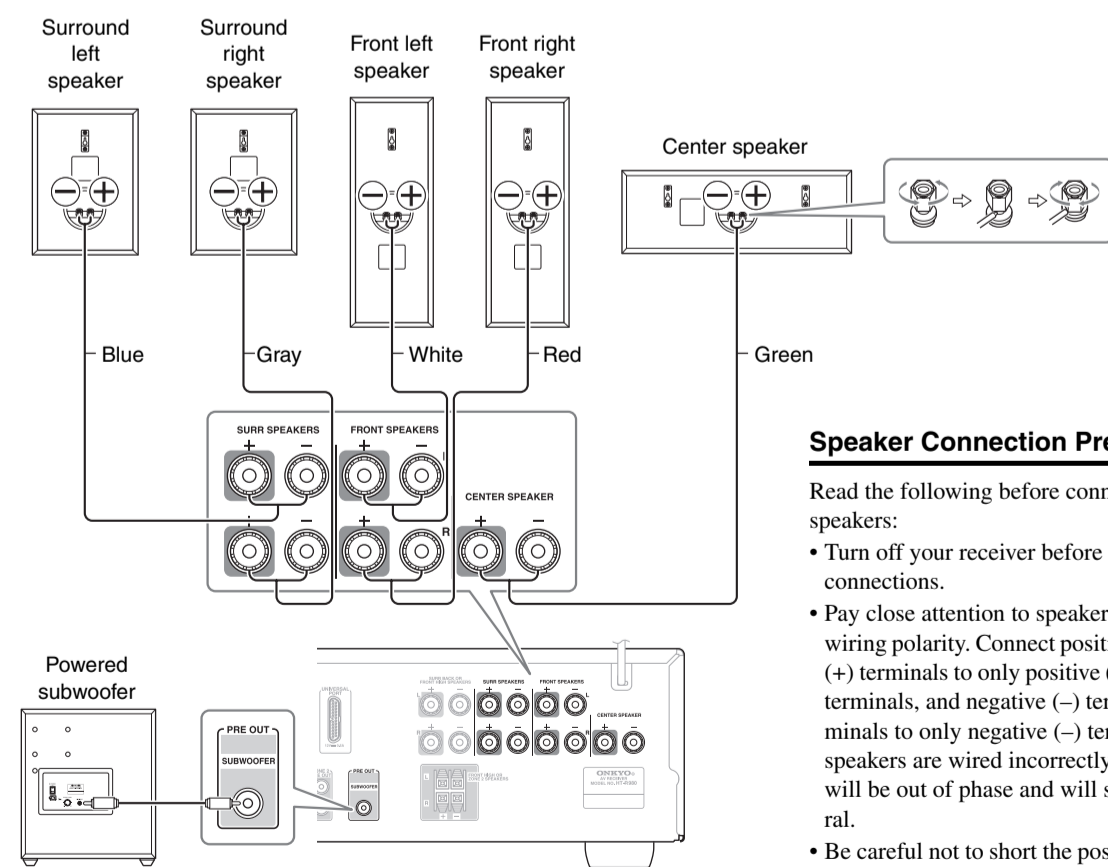
#### Surround Speakers (SKR-980)

Type	2 Way Acoustic suspension
Impedance	8 Ω
Maximum input power	130 W
Sensitivity	81 dB/W/m
Frequency response	50 Hz to 45 kHz
Crossover frequency	2 kHz
Cabinet capacity	4.6 L
Dimensions (W × H × D)	200 mm × 275 mm × 169 mm (incl. grille and projection)
Weight	3.5 kg
Drivers unit	13 cm A-OMF Cone Woofer × 1, 2.5 cm Soft Dome Tweeter × 1
Terminal	Binding post (Banana type supported)

Specifications and appearance are subject to change without prior notice.

THX and the THX logo are trademarks of THX Ltd. which are registered in some jurisdictions. All rights reserved.

## Connecting the Speakers



#### Speaker Connection Precautions

Read the following before connecting your speakers:

- Turn off your receiver before making any connections.
- 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.

#### Note

- When you connect the surround back and front high speakers, prepare for it separately.

### ONKYO CORPORATION

Sales & Product Planning Div.: 2-1, Nishin-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 Grobenzell, 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/>

SN 29400482

(C) Copyright 2010 ONKYO CORPORATION Japan. All rights reserved.



Y1006-1