



5.1ch Home Theater Speaker Package

HTP-440

SKW-150X **POWERED SUBWOOFER**
SKF-330XF **FRONT SPEAKER**
SKC-330XC **CENTER SPEAKER**
SKM-330XS **SURROUND SPEAKER**

Instruction Manual

Thank you for purchasing an Onkyo home theater speaker package. 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 package.

Please retain this manual for future reference.

Contents

Getting Started

Important Safety Instructions	2
Precautions.....	3
Package Contents.....	3
Getting to know Your Speaker Package	4

Installing & Using

About Home Theater	5
Connecting the Speakers.....	5
Mounting the Speakers	6
Connecting the Power Cord.....	6
Adjustment.....	6

Appendix

Caring for Your Speakers	7
Troubleshooting	7
Specifications.....	Back cover page



WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR




The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.


PORTABLE CART WARNING
S3125A
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Damage Requiring Service
Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power-supply cord or plug is damaged,
 - B. If liquid has been spilled, or objects have fallen into the apparatus,
 - C. If the apparatus has been exposed to rain or water,
 - D. If the apparatus does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the apparatus to its normal operation,
 - E. If the apparatus has been dropped or damaged in any way, and
 - F. When the apparatus exhibits a distinct change in performance this indicates a need for service.
16. Object and Liquid Entry
Never push objects of any kind into the apparatus through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus.
Don’t put candles or other burning objects on top of this unit.
17. Batteries
Always consider the environmental issues and follow local regulations when disposing of batteries.
18. If you install the apparatus in a built-in installation, such as a bookcase or rack, ensure that there is adequate ventilation.
Leave 20 cm (8”) of free space at the top and sides and 10 cm (4”) at the rear. The rear edge of the shelf or board above the apparatus shall be set 10 cm (4”) away from the rear panel or wall, creating a flue-like gap for warm air to escape.

Precautions

- 1. AC Fuse**—The AC fuse inside the unit is not user-serviceable. If you cannot turn on the unit, contact your Onkyo dealer.
- 2. Care**—Occasionally you should dust the unit all over with a soft cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the unit immediately afterwards with a clean cloth. Don't use abrasive cloths, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.

3. Power

WARNING

BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

AC outlet voltages vary from country to country. Make sure that the voltage in your area meets the voltage requirements printed on the unit's rear panel (e.g., AC 230 V, 50 Hz or AC 120 V, 60 Hz).

The power cord plug is used to disconnect this unit from the AC power source. Make sure that the plug is readily operable (easily accessible) at all times.

Auto standby function does not fully shutdown the SKW-150X. If you do not intend to use the SKW-150X for an extended period, remove the power cord from the AC outlet.

For British models

Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

- Blue: Neutral
- Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IMPORTANT

The plug is fitted with an appropriate fuse. If the fuse needs to be replaced, the replacement fuse must be approved by ASTA or BSI to BS1362 and have the same ampere rating as that indicated on the plug. Check for the ASTA mark or the BSI mark on the body of the fuse.

If the power cord's plug is not suitable for your socket outlets, cut it off and fit a suitable plug. Fit a suitable fuse in the plug.


For European Models

Declaration of Conformity

We, ONKYO EUROPE
ELECTRONICS GmbH
LIEGNITZERSTRASSE 6,
82194 GROEBENZELL,
GERMANY

declare in own responsibility, that the ONKYO product described in this instruction manual is in compliance with the corresponding technical standards such as EN60065, EN55013, EN55020 and EN61000-3-2, -3-3.

GROEBENZELL, GERMANY



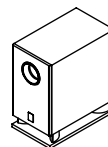
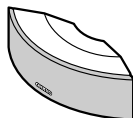

 K. MIYAGI

ONKYO EUROPE ELECTRONICS GmbH

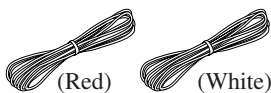
Package Contents

Make sure your box contains all of the items below. If anything is missing, contact the nearest Onkyo dealer.

- Front speakers (SKF-330XF)
- Center speaker (SKC-330XC)
- Surround speakers (SKM-330XS)
- Subwoofer (SKW-150X)



- Speaker cables for front speakers 4.5 m



(Red)

(White)

- Speaker cable for center speaker 3 m



(Green)

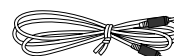
- Speaker cables for surround speakers 9 m



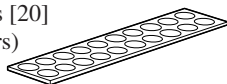
(Blue)

(Gray)

- RCA cable for subwoofer connection



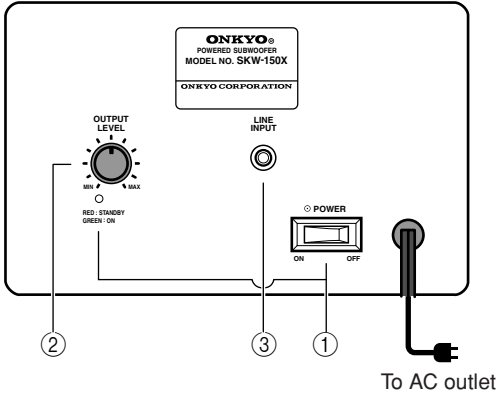
- Rubber stoppers [20]
(For the speakers)



Getting to know Your Speaker Package

Subwoofer (SKW-150X)

■ Rear



① POWER switch and indicator

To turn on the SKW-150X, set the POWER switch to the ON position (the indicator lights up). To turn off the SKW-150X, set the POWER switch to the OFF position (the indicator goes out).

Red: The unit is in standby mode

Green: The unit is in operation mode

If the power is turned on, the SKW-150X automatically enters Operational mode when a signal is input. The SKW-150X automatically returns to Standby mode when no signal has been input for a while.

② OUTPUT LEVEL control

This control is used to adjust the output level of the subwoofer.

③ LINE INPUT

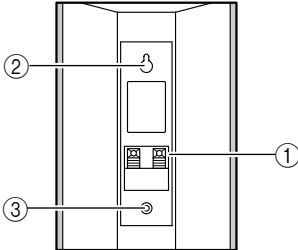
The RCA input should be connected to the subwoofer preout on your AV receiver, amp, or other receiver with supplied RCA cable.

Note:

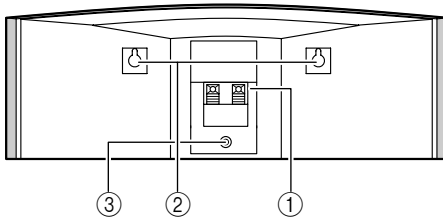
The Auto Standby function turns the subwoofer on when the input signal exceeds a certain level. If the Auto Standby function does not work reliably, try slightly increasing or decreasing the subwoofer output level on your receiver or amp.

Front, Center & Surround speakers (SKF-330XF, SKC-330XC, SKM-330XS)

SKF-330XF/SKM-330XS Rear Panel



SKC-330XC Rear Panel



① Speaker terminals

These push terminals are for connecting the speaker to your AV Receiver, amp, or other receiver with the supplied speaker cables. The supplied speaker cables are color-coded for easy identification. Simply connect each cable to the same-colored positive speaker terminal.

② Keyhole slots

These keyhole slots can be used to wall-mount the speaker.

③ Speaker mount/bracket inserts

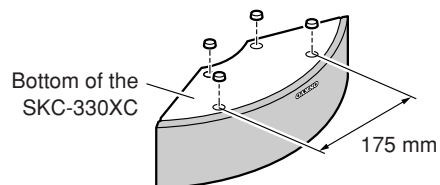
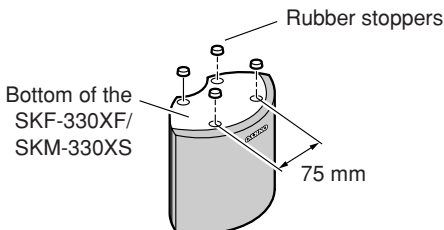
These threaded inserts can be used to attach the speaker to a speaker mount or bracket.

Note:

Use commercially available 5 mm screws to attach the speaker to a speaker mount or bracket.

Using Rubber Stoppers with the Speakers

We recommend using the provided rubber stoppers to achieve the best possible sound from your speakers. The rubber stoppers prevent the speakers from moving, providing a more stable setup.



About Home Theater

Enjoying Home Theater

The HTP-440's great sound 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.

Center speaker (SKC-330XC)

This speaker enhances the front left and right speakers, making sound movements distinct and providing a full sound image. In movies it's used mainly for dialog.

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

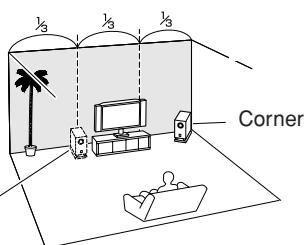
Put it somewhere where it won't slide around or fall.

Subwoofer (SKW-150X)

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.

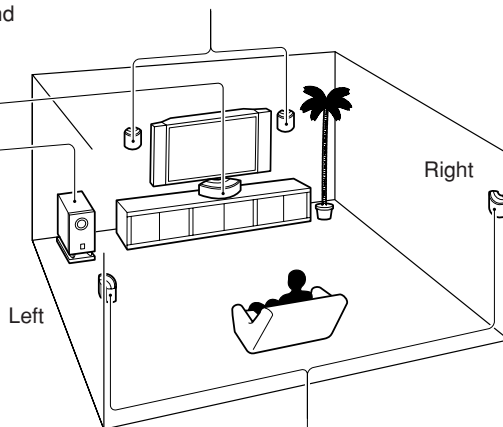
In general, a good bass sound can be obtained by installing the subwoofer in a front corner, or at one-third the width of the wall, as shown.

1/3 room length



Front left and right speakers (SKF-330XF)

These output the overall sound. Their role in a home theater is to provide a solid anchor for the sound image. They should be positioned facing the listener at about ear level, and equidistant from the TV. Angle them inward so as to create a triangle, with the listener at the apex.



Surround left and right speakers (SKM-330XS)

These speakers are used for precise sound positioning and to add realistic ambience. Position them at the sides of the listener, or slightly behind, about 60–100 cm above ear level. Ideally they should be equidistant from the listener.

Connecting the Speakers

Read the following before connecting your speakers:

- Turn off your amp before making any connections.
- Disconnect the power cord from the wall outlet 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.

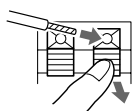


Connecting the Speaker Cables

Use the cables to connect each speaker's input terminals to the corresponding speaker output terminals on your receiver.

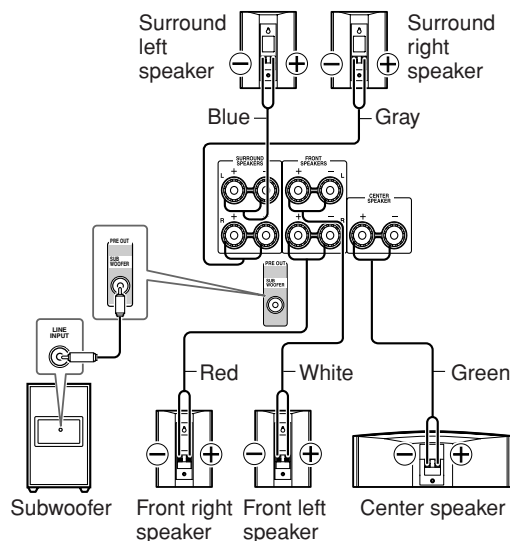
To make a connection, while pressing the terminal lever, insert the wire into the hole, and then release the lever.

Make sure that the terminals are gripping the bare wires, not the insulation.



Connecting the Subwoofer

Using the supplied RCA cable, connect the subwoofer's LINE INPUT to your receiver's SUBWOOFER PREOUT.



Mounting the Speakers

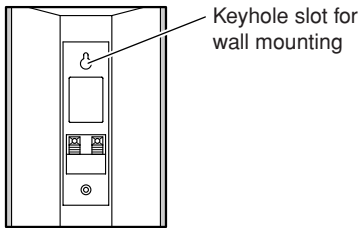
Wall Mounting

The speakers can easily be wall mounted by using the keyhole slots. To prevent the speaker from vibrating against the wall, attach four of the supplied spacers to the keyhole fins on the rear of each speaker.

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

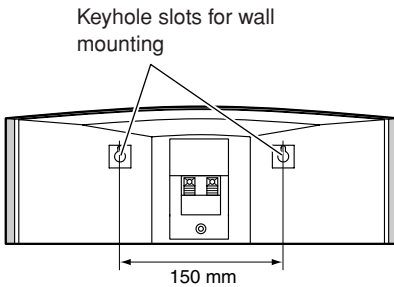
Front speaker (SKF-330XF)

Surround speaker (SKM-330XS)



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.

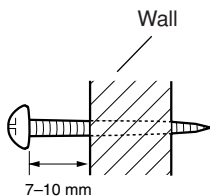
Center speaker (SKC-330XC)



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.

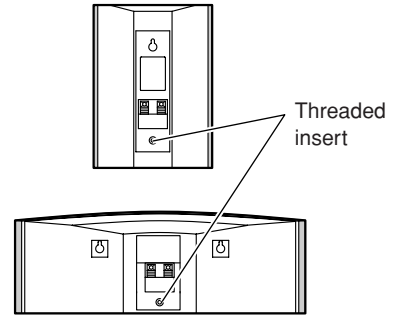
Leave a gap of between 7 mm and 10 mm between the wall and the base of the screw head, as shown.



(We recommend that you consult a home installation professional.)

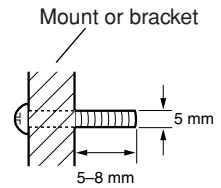
Using Speaker Mounts/Brackets

Threaded inserts for machine screws are provided on the rear of each speaker for wall-mounting with commercially available speaker mounts or brackets. The speakers require M5 (5 mm) screws. Refer to the manual supplied with your mounts or brackets for installation details.



Note:

The portion of the screw that goes into the speaker's threaded insert should be between 5–8 mm long.



Connecting the Power Cord

Notes:

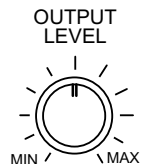
- Before connecting the power cord, connect all of your speakers and AV components.
- Turning on the SKW-150X may cause a momentary power surge that might interfere with other electrical equipment on the same circuit. If this is a problem, plug the SKW-150X into a different branch circuit.

Adjustment

Setting the Subwoofer Level (SKW-150X)

To set the level of the subwoofer, use the OUTPUT LEVEL control. Set it so that bass sounds are evenly balanced with the treble sounds from the other speakers.

Because our ears are less sensitive to very low bass sounds, there's a temptation to set the level of the subwoofer too high. As a rule of thumb, set the subwoofer level to what you think is the optimal level, and then back it off slightly.



Caring for Your Speakers

Placement

- The subwoofer cabinet is made out of wood and is therefore 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.
- Speakers should only be placed on sturdy, flat surfaces that are free from vibration. Putting them on uneven or unstable surfaces, where they may fall and cause damage, will affect the sound quality.
- Subwoofer is designed to be used in the upright vertical position only. Do not use it in the horizontal or tilted position.
- If the unit is used near a turntable or CD player, howling or slipping of sound may occur. To prevent this, move the unit away from the turntable or CD player otherwise lower the unit's output level.

Using Close to a TV 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 SKF-330XF and SKC-330XC speakers feature 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.

Operating Precautions

The HTP-440 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.

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.

Troubleshooting

Symptom	Possible cause	Remedy
There's no sound coming from certain speakers?	The speaker cables are not connected properly.	Check the speaker cables and correct as necessary.
	The number of speaker channels is not set to 5ch on the receiver.	Set the number of speaker channels to 5ch.
The subwoofer does not turn on?	The power plug is not fully inserted into the wall outlet.	Insert the power plug fully into the wall outlet.
The subwoofer produces no sound?	The OUTPUT LEVEL control is set to minimum.	Turn up the OUTPUT LEVEL control.
	The RCA cable is not properly connected to the subwoofer's LINE INPUT.	Make sure that the RCA cable is properly connected to the subwoofer's LINE INPUT.
	The level of the input signal was too low and the subwoofer entered Standby mode.	Slightly increase the subwoofer preout output level on your amp.
	On the receiver, the subwoofer mode is set to SW Off.	Set the subwoofer mode to something other than SW Off.
The subwoofer produces hardly any sound?	The source material contain little or no bass content.	Choose source material with more bass content.
A humming sound can be heard from the subwoofer?	The RCA cable is not properly connected to the subwoofer's LINE INPUT.	Make sure that the RCA cable is properly connected to the subwoofer's LINE INPUT.
	External interference from a TV or other electronic device is being picked up.	Move the subwoofer and RCA cable away from the interference source. Make sure your audio system is grounded properly.

Specifications

■ Powered Subwoofer (SKW-150X)

Type:	Bass-reflex
Input sensitivity/impedance:	220 mV / 15 k Ω
Maximum output power:	150 W (Dynamic Power)
Frequency response:	30 Hz–150 Hz
Cabinet capacity:	32.5 L
Dimensions (W × H × D):	235 × 518 × 411 mm
Weight:	12.8 kg
Drivers unit:	20 cm Cone (Woofer)
Power supply:	AC 230 V, 50 Hz
Power consumption:	77 W
Other:	Auto standby function

■ Front Speaker (SKF-330XF)

Type:	2 Way Bass-reflex
Impedance:	6 Ω
Maximum input power:	120 W
Output sound pressure level:	83 dB/W/m
Frequency response:	80 Hz–22 kHz
Crossover frequency:	10 kHz
Cabinet capacity:	1.2 L
Dimensions (W × H × D):	148 × 202 × 101 mm
Weight:	0.9 kg
Drivers unit:	8 cm Cone (Woofer) 2 cm Ceramic (Tweeter)
Terminal:	Spring type color-coded
Key hole slot:	1
Threaded insert:	5 mm screw, Depth 8 mm
Grille:	Fixed
Other:	Magnetic shielding

■ Center Speaker (SKC-330XC)

Type:	2 Way Bass-reflex
Impedance:	6 Ω
Maximum input power:	120 W
Output sound pressure level:	86 dB/W/m
Frequency response:	80 Hz–22 kHz
Crossover frequency:	10 kHz
Cabinet capacity:	2.3 L
Dimensions (W × H × D):	360 × 127 × 131 mm
Weight:	1.6 kg
Speaker:	8 cm Cone (Woofer) × 2 2 cm Ceramic (Tweeter)
Terminal:	Spring type color-coded
Key hole slot:	2
Threaded insert:	5 mm screw, Depth 8 mm
Grille:	Fixed
Other:	Magnetic shielding

■ Surround Speaker (SKM-330XS)

Type:	2 Way Bass Reflex
Impedance:	6 Ω
Maximum input power:	120 W
Output sound pressure level:	82 dB/W/m
Frequency response:	80 Hz–22 kHz
Crossover frequency:	10 kHz
Cabinet capacity:	1.2 L
Dimensions (W × H × D):	148 × 202 × 101 mm
Weight:	0.7 kg
Speaker:	8 cm Cone (Woofer) 2 cm Ceramic (Tweeter)
Terminal:	Spring type color-coded
Key hole slot:	1
Threaded insert:	5 mm screw, Depth 8 mm
Grille:	Fixed

Specifications and appearance are subject to change without prior notice.

ONKYO CORPORATION

Sales & Product Planning Div. : 2-1, Nisshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN
Tel: 072-831-8023 Fax: 072-831-8124

ONKYO U.S.A. CORPORATION

18 Park Way, Upper Saddle River, N.J. 07458, U.S.A.
Tel: 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 UK Office

Suite 1, Gregories Court, Gregories Road, Beaconsfield, Buckinghamshire, HP9 1HQ
UNITED KINGDOM Tel: +44-(0)1494-681515 Fax: +44(0)-1494-680452

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/>



D0606-1

