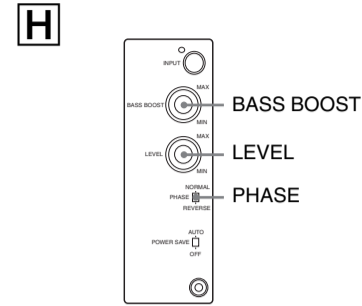
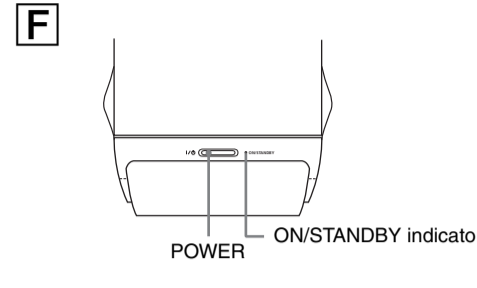
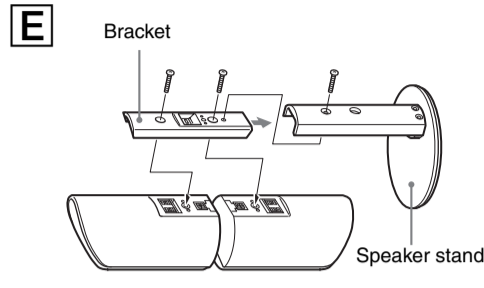
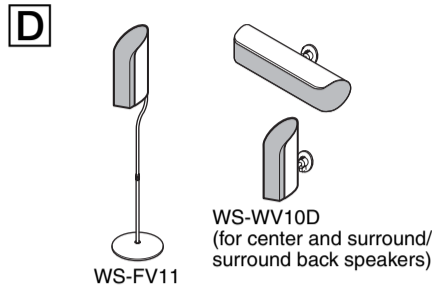
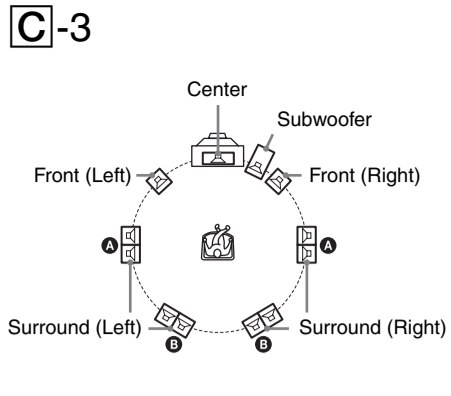
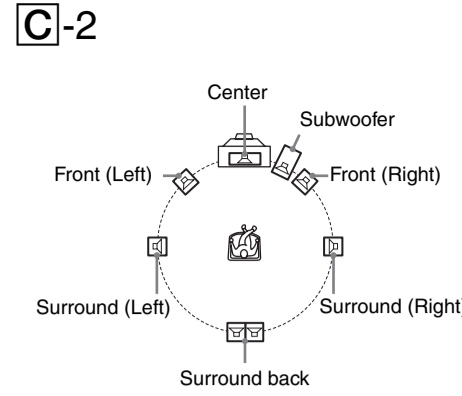
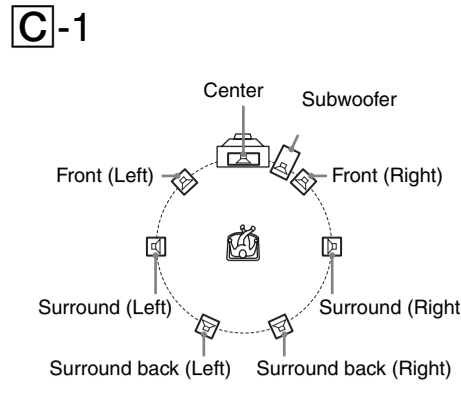
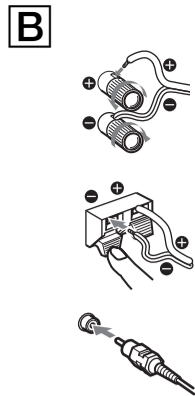
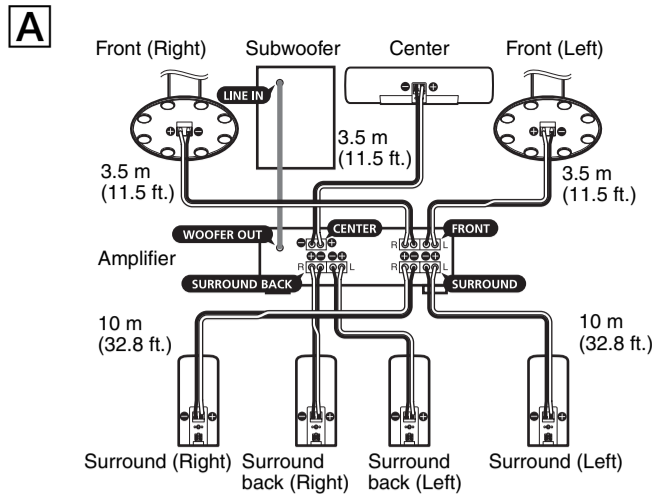


SONY

Home Theatre Speaker System

SA-VS300H

2-059-556-11(2)



English

Owner's Record

The model and serial numbers are located on the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. SA-VS300H

Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

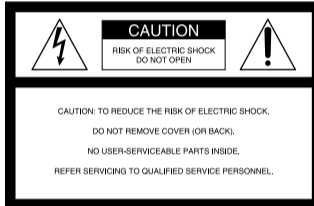
To prevent fire, do not cover the ventilation of the apparatus with newspapers, table-cloths, curtains, etc. And don't place lighted candles on the apparatus.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

NOTICE FOR THE CUSTOMERS IN THE U.S.A.



This symbol 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.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

Use of this appliance with some systems may present a shock or fire hazard. Do not use with any units which have the following marking located near output. WARNING: HAZARDOUS ENERGY!

NOTICE FOR THE CUSTOMERS IN CANADA

CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

About this manual

The SA-VS300H is a 7.1 channel speaker system consisting of two front speakers, four surround/surround back speakers, one center speaker, and one subwoofer. You can also enjoy 5.1 or 6.1 channel surround sound by joining the surround or surround back speakers using the supplied bracket. It supports Sony Digital Cinema Sound, Dolby® Pro Logic, and Dolby Digital etc., and is thus geared towards the enjoyment of movies.

* "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Precautions

On safety

- Before operating the system, be sure that the operating voltage of the system is identical with that of your local power supply.
The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
Unplug the system from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull the cord by grasping the plug. Never pull the cord itself.
Should any liquid or solid object fall into the system, unplug the system's power cord and have the system checked by qualified personnel before operating it any further.
AC power cord must be changed only at the qualified service shop.

On operation

- Do not drive the speaker system with a continuous wattage exceeding the maximum input power of the system.
If the polarity of the speaker connections are not correct, the bass tones will be weak and the position of the various instruments obscure.
Contact between bare speaker wires at the speaker terminals may result in a short circuit.
Before connecting, turn off the amplifier to avoid damaging the speaker system.
The speaker grille cannot be removed. Do not attempt to remove the grille on the speaker system. If you try to remove it, you may damage the speaker.
The volume level should not be turned up to the point of distortion.

If you encounter color irregularity on a nearby TV screen

This speaker system is magnetically shielded to allow it to be installed near a TV set. However, color irregularities may still be observed on certain types of TV sets.

If color irregularity is observed...

Turn off the TV set, then turn it on again in 15 to 30 minutes.

If color irregularity is observed again...

Place the speakers further away from the TV set.

If howling occurs

Reposition the speakers or turn down the volume on the amplifier.

On placement

- Do not set the speakers in an inclined position.
Do not place the speakers in locations that are:
Extremely hot or cold
Dusty or dirty
Very humid
Subject to vibrations
Subject to direct sunlight

On cleaning

Clean the speaker cabinets with a soft cloth lightly moistened with a mild detergent solution or water. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

If you have any questions or problems concerning your speaker system, please consult your nearest Sony dealer.

Hooking up the system

Connect the speaker system to the speaker output terminals of an amplifier (A). Make sure power to all components (included the subwoofer) is turned off before starting the hook-up.

Notes (B)

- Make sure the plus (+) and the minus (-) terminals on the speakers are matched to the corresponding plus (+) and minus (-) terminals on the amplifier.
Be sure to tighten the screws of the speaker terminals securely as loose screws may become a source of noise.
Make sure all connections are firm. Contact between bare speaker wires at the speaker terminals may cause a short circuit.
For details regarding the connections on the amplifier side, refer to the manual provided with your amplifier.

Tip

Black or black striped wires are minus (-) in polarity, and should be connected to the minus (-) speaker terminals.

Positioning the speakers

Location of each speaker (C)

Each speaker should face the listening position. Better surround effect will result if all speakers are set at the same distance from the listening position.

Place the front speakers at a suitable distance to the left and right of the television.

Place the subwoofer on either side of the television.

Place the center speaker on the top-center of the TV set.

The placement of surround speakers greatly depends on the configuration of the room.

Locating the speakers as a 7.1 channel speaker system (C-1)

Locating the speakers as a 6.1 channel speaker system (C-2)

Locating the speakers as a 5.1 channel speaker system (C-3)

The surround speakers may be placed on both sides of the listening position (a) or behind the listening position (b).

Setting the center speaker

Set the center speaker firmly on the top of or near the TV set, making sure it is completely level.

Setting the speakers using the optional speaker stands (D)

For greater flexibility in the positioning of the center, surround and surround back speakers, use the optional WS-FV11 or WS-WV10D speaker stand (available only in certain countries).

Note

Be sure to place the speaker in a flat, horizontal place.

Setting the surround/surround back speakers (E)

When you use the system as a 5.1 or 6.1 channel surround sound, join the surround/surround back speakers using the supplied bracket, and attach the supplied speaker stand to the joined speakers. You can also attach the optional WS-FV11 speaker stand to joined speakers.

Setting the amplifier

When connecting to an amplifier with internal multi channel decoders (Dolby Digital, DTS®, etc.), you should use the setup menus for the amplifier to specify the parameters of your speaker system.

See the table below for the proper settings. For details on the setting procedure, refer to the manual that was provided with your amplifier.

Speaker setup

Table with 2 columns: For (Front speakers, Center speaker, Surround speakers, Subwoofer, Surround back) and Set to (SMALL, SMALL, SMALL, ON (or YES), SMALL**)

If you use the amplifier with adjustable crossover frequency, it is recommended to select 150 Hz (or close to this figure) as the crossover frequency for your front, center, and surround speakers.

* "DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

** When you use the system as a 6.1 channel or 7.1 channel, refer to the manual that was provided with your amplifier.

Listening to the sound (F)

First, turn down the volume on the amplifier. The volume should be set to minimum before you begin playing the program source.

- 1 Turn on the amplifier and select the program source.
2 Press POWER on the subwoofer. The ON/STANDBY indicator on the subwoofer lights up green.
3 Play the program source.

Power turns on and off automatically

Auto power on/off function (G)
If the subwoofer is on (i.e., the ON/STANDBY indicator lights up green) and there is no signal input for a few minutes, the ON/STANDBY indicator changes to red and the subwoofer enters power saving mode. While in this mode, if a signal is input to the subwoofer, the subwoofer automatically turns on (auto power on/off function). To turn this feature off, slide the POWER SAVE switch on the rear panel to OFF.

Note

If you turn down the volume level of the amplifier too low, the auto power on/off function may activate, causing the subwoofer to enter power saving mode.

Adjusting the subwoofer (H)

- 1 Rotate LEVEL to adjust the volume. Set the volume level to best suit your preference according to the program source.
2 Select the phase polarity. Use the PHASE selector to select the phase polarity.
3 Set BASS BOOST to MIN. Rotate BASS BOOST according to the output level that you prefer. Some material is recorded with strong emphasis on bass sounds, which may be accessible in some cases. If this happens, rotate BASS BOOST towards minimum.

Notes

- Some amplifier functions for enhancing the sound may cause distortion in the subwoofer. If such distortion occurs, turn off those functions.
To enjoy high-quality sound, do not turn the subwoofer volume too high.
If the sound distorts when you turn on the bass reinforcement from your amplifier (such as, DBFB, GROOVE, the graphic equalizer, etc.), turn down the bass reinforcement and adjust the level.
Do not turn the volume of the subwoofer to maximum. Doing so may weaken the bass sound. Moreover, extraneous noise may be heard.
Selecting NORMAL or REVERSE with the PHASE selector reverses the polarity and may provide better bass reproduction in certain listening environments (depending on the type of front speakers, the position of the subwoofer and the adjustment of the BASS BOOST). It may also change the expansion and lightness of sound, and effect the feeling of the sound field. Select the setting that provides the sound you prefer when listening in your normal listening position.

Troubleshooting

Should you encounter a problem with your speaker system, check the following list and take the indicated measures. If the problem persists, consult your nearest Sony dealer.

There is no sound from the speaker system.

- Make sure all the connections have been correctly made.
Make sure the volume on the amplifier has been turned up properly.
Make sure the program source selector on the amplifier is set to the proper source.
Check if headphones are connected. If they are, disconnect them.

There is distortion in the subwoofer sound output.

- Check if any sound-enhancing functions have been activated on the amplifier. If they have, turn them off.

There is hum or noise in the speaker output.

- Make sure all the connections have been correctly made.
Make sure none of the audio components are positioned too close to the TV set.

The sound has suddenly stopped.

- Make sure all the connections have been correctly made. Contact between bare speaker wires at the speaker terminals may cause a short circuit.

Specifications

SA-VS300H

AUDIO POWER SPECIFICATIONS (For the U.S. model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION: with 6 ohm loads both channels driven, at 100 Hz; rated 150 watts per channel minimum RMS power, with no more than 10% total harmonic distortion from 250 milliwatts to rated output.

SS-VF300H (front speakers)

Table with 2 columns: Speaker system, Speaker units, Enclosure type, Rated impedance, Power handling capacity, Maximum input power, Sensitivity level, Frequency range, Dimensions (w/h/d), Mass

SS-CNV300H (center speaker)

Table with 2 columns: Speaker system, Speaker units, Enclosure type, Rated impedance, Power handling capacity, Maximum input power, Sensitivity level, Frequency range, Dimensions (w/h/d), Mass

SS-SRV300H (surround speakers)

Table with 2 columns: Speaker system, Speaker units, Enclosure type, Rated impedance, Power handling capacity, Maximum input power, Sensitivity level, Frequency range, Dimensions (w/h/d), Mass

SA-WVS300 (subwoofer)

Table with 2 columns: Speaker system, Speaker units, Enclosure type, Reproduction frequency range, Continuous RMS power output

Input

LINE IN (input pin jack)

General

Table with 2 columns: Power requirements, Power consumptions, Dimensions (w/h/d), Mass

Supplied accessories

- Audio connecting cord (1)
Speaker connecting cords, 10 m (32.8 ft.) (4)
Speaker connecting cords, 3.5 m (11.5 ft.) (3)
Bracket (2)
Speaker stand (for surround/surround back speakers) (2)
Screw (6)

Design and specifications are subject to change without notice.

