

Theatre Stand System

Operating Instructions

This system has the following instructions:

- **Quick Setup Guide**

Describe the basic connections, settings and operations.

- **Operating Instructions (this book)**

Describe more details on settings and operations.

S-FORCE
PRO
FRONT SURROUND

S-master
Digital Amplifier

RHT-G1000

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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

To prevent fire, do not cover the ventilation of the apparatus with news papers, 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.



Don't throw away the battery with general house waste, dispose of it correctly as chemical waste.

NOTICE FOR THE CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a fuse of the same rating as the supplied one and approved by ASTA or BSI to BS1362 (i.e., marked with ⚡ or ⚡ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover.

If you should lose the fuse cover, please contact your nearest Sony service station.



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that

this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

This system incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories.

“Dolby”, “Pro Logic” and the double-D symbol are trademarks of Dolby Laboratories.

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

WARNING

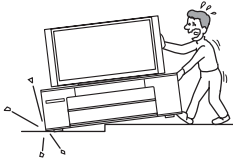
Do not lean on or hang from the TV when the TV is placed on the stand.

The TV may fall from the stand causing an accident resulting in serious injury or death.



Do not move the stand with the TV or other equipment installed on it.

Be sure to remove the TV and other equipment when moving the stand. If you fail to do so, the stand may lose balance and topple over resulting in serious injury.



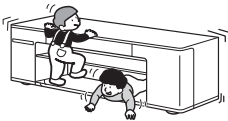
Do not allow the AC power cord (mains lead) or the connecting cable to be pinched between the TV and the stand.

- The AC power cord (mains lead) or the connecting cable may be damaged resulting in fire or electric shock.
- When moving the stand, be careful not to trap the AC power cord (mains lead) or the connecting cable under the stand.



Do not climb on the stand.

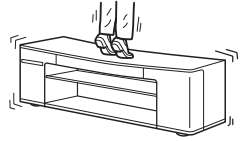
The top front cover may become loose and may fall from the stand causing an accident resulting in serious injury.



CAUTION

Do not step on the stand.

If you do so, you may fall from the stand resulting in injury.

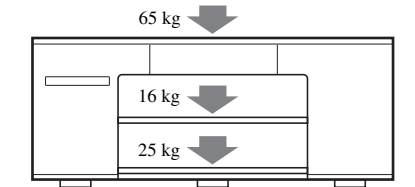


This stand is only for the specified TV.

- Do not place unspecified objects, such as a flower vase or pottery on the stand.
- Do not make alterations to the stand.

Note on load capacity

Do not place any equipment exceeding the specified maximum weight on the stand, as indicated in the illustration below. Otherwise, it may fall or break.



Notes on installation

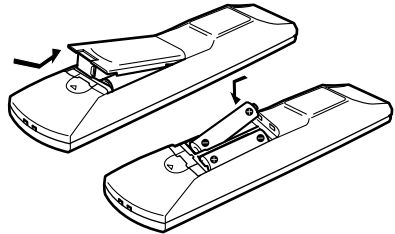
- Be careful not to pinch your hand or fingers between the TV and the stand.
- To prevent the stand from distorting, observe the following:
 - Install the stand on a solid and flat surface.
 - If you install the stand on a soft surface such as a mat, first lay a board under the stand.
 - Do not install the stand in a place subject to direct sunlight or near a heater.
 - Do not install the stand in a hot or humid place, or outdoors.
- Moving the stand requires four people or more. Move the stand only after removing the TV. If you fail to do so, the TV may fall from the stand resulting in serious injury. Do not hold the grille as it may detach from the stand resulting in serious injury. Be careful not to pinch your fingers when moving the stand.

Notes on use

- Do not place any hot objects on the stand. If you do so, the stand may discolor or distort.
- To keep the stand clean, occasionally wipe the stand gently with a dry, soft cloth. Stubborn stains may be removed with a cloth slightly dampened with diluted detergent, followed by a soft dry cloth. Do not use any type of chemicals, such as thinner or benzine, as they may damage the finish of the stand.
- When placing the top front cover on the floor after removing it from the stand, cover the floor with a cloth, etc., beforehand to protect the floor from damage.

Inserting batteries into the remote

You can control the system using the supplied remote. Insert two size AA (R6) batteries by matching the + and – ends on the batteries to the markings inside the compartment.



Note

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not expose the remote sensor to direct light from the sun or lighting apparatus. Doing so may cause a malfunction.
- If you do not intend to use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Precautions

On safety

Should any solid object or liquid fall into the cabinet, unplug the receiver and have it checked by qualified personnel before operating it any further.

On power sources

- Before operating the receiver, check that the operating voltage is identical to your local power supply. The operating voltage is indicated on the nameplate at the rear of the receiver.
- The receiver is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet (mains), even if the receiver itself has been turned off.
- If you are not going to use the receiver for a long time, be sure to disconnect the receiver from the wall outlet (mains). To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.
- One blade of the plug is wider than the other for the purpose of safety and will fit into the wall outlet (mains) only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- AC power cord (mains lead) must be changed only at the qualified service shop.
- 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.
- Install this system so that the power cord can be unplugged from the wall socket immediately in the event of trouble.

On heat buildup

Although the receiver heats up during operation, this is not a malfunction. If you continuously use this receiver at a large volume, the cabinet temperature of the top, side and bottom rises considerably. To avoid burning yourself, do not touch the cabinet.

On placement

- Place the unit in a location with adequate ventilation to prevent heat buildup and prolong the life of the unit.
- Do not place the unit near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.
- Do not place anything on top of the cabinet that might block the ventilation holes and cause malfunctions.

- Use caution when placing the unit on surfaces that have been specially treated (with wax, oil, polish, etc.) as staining or discoloration of the surface may result.

On operation

- Before connecting other components, be sure to turn off and unplug the receiver.
- The sound fields memorized for each input and the preset stations are retained for about a day even if you disconnect the AC power cord (mains lead).

On cleaning

Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

If you have any question or problem concerning your receiver, please consult your nearest Sony dealer.

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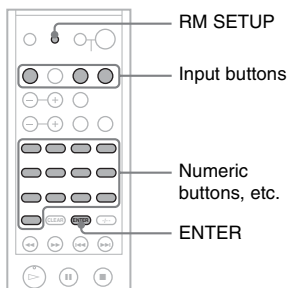
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Controlling the connected components

Programming the remote for TV operation (Sony TV only)

(Input SYNC)

If you connect a Sony TV, follow the steps below to program the remote. The TV input will be selected automatically (Input SYNC).



- 1 Press the input button for the component you want to change while holding down RM SETUP.**

The indicator lights up.

Note

- Press the RM SETUP button using a pointed object.

- 2 See the table below for the remote button corresponding to the TV input jack you have connected to, and press the button.**

TV input jack*	Remote Button
VIDEO 1	1
VIDEO 2	2
VIDEO 3	3
VIDEO 4	4
VIDEO 5	5
VIDEO 6	6
VIDEO 7	7
VIDEO 8	8

TV input jack*	Remote Button
COMPONENT 1	9
COMPONENT 2	AUDIO
COMPONENT 3	SUBTITLE
COMPONENT 4	ANGLE

* TV input jack name may differ depending on your TV model.

- 3 Press ENTER.**

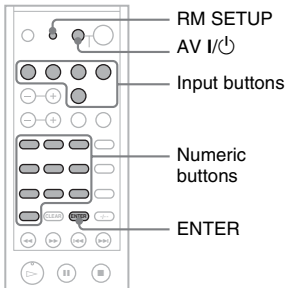
The indicator slowly flashes twice and the remote automatically exits the programming mode.

To disable this function

Press ENTER while holding down 0 in step 2. The TV input will not be selected automatically even if you press the input buttons.

Programming the remote

You can program the remote to control non-Sony components by changing the code. Once the control signals have been memorized, you can use those components as part of your system. Furthermore, you can also program the remote for Sony components that the remote is unable to control. Note that the remote can only control components that accept infrared wireless control signals.



1 Press AV I/⏻ while holding down RM SETUP.

The indicator lights up.

Note

- Press the RM SETUP button using a pointed object.

2 Press the input button for the component you want to control.

For example, if you are going to control a DVD player, press DVD.

3 Press the numeric buttons to enter the numeric code (or one of the codes if more than one code exists) corresponding to the component and the maker of the component you want to control.

See the tables on pages 9–11 for information on the numeric code(s) corresponding to the component and the maker of the component (the first digit and the last two digits of the numeric code correspond to the category and the maker's code respectively).

4 Press ENTER.

Once the numeric code has been verified, the indicator slowly flashes twice and the remote automatically exits the programming mode.

5 Repeat steps 1 to 4 to control other components.

To cancel programming

Press RM SETUP during any step. The remote automatically exits the programming mode.

To activate the input after programming

Press the programmed button to activate the input you want.

If programming is unsuccessful, check the following:

- If the indicator does not light up in step 1, the batteries are weak. Replace both batteries.
- If the indicator flashes 4 times in quick succession while entering the numeric code, an error has occurred. Start again from step 1.

Note

- The indicator turns off while a valid button is pressed.
- In step 2, if several input buttons are pressed, only the last pressed button is valid.
- In step 2, if you press TV I/⏻, only TV VOL +/-, TV CH +/-, TV/VIDEO and WIDE buttons are reprogrammed.
- In step 3, if an input button is pressed, the new input is selected and the programming procedure returns to the beginning of step 3.
- For the numeric codes, only the first three numbers entered are valid.

To clear the memory of the remote

To clear all programmes, do the following to reset the remote to factory settings.

Press VOLUME -, I/⏻ and AV I/⏻ at the same time.

The indicator flashes 3 times, then goes off.

The numeric codes corresponding to the component and the maker of the component

Use the numeric codes in the tables below to control non-Sony components and also Sony components that the remote is normally unable to control. Since the remote signal that a component accepts differs depending on the model and year of the component, more than one numeric code may be assigned to a component. If you fail to program your remote using one of the codes, try using other codes.

Note

- The numeric codes are based on the latest information available for each brand. There is a chance, however, that your component will not respond to some or all of the codes.
- All of the input buttons on this remote may not be available when used with your particular component.

To control a CD player

Maker	Code(s)
SONY	101, 102, 103
DENON	104, 123
JVC	105, 106, 107
KENWOOD	108, 109, 110
MARANTZ	116
ONKYO	112, 113, 114
PIONEER	117
YAMAHA	120, 121, 122

To control a DAT deck

Maker	Code(s)
SONY	203
PIONEER	219

To control an MD deck

Maker	Code(s)
SONY	301

To control a tape deck

Maker	Code(s)
SONY	201, 202
DENON	204, 205
NAKAMICHI	210
PIONEER	213, 214
YAMAHA	217, 218

To control a VCR

Maker	Code(s)
SONY	701, 702, 703, 704, 705, 706
AKAI	707, 708, 709, 759
EMERSON	711, 712, 713, 714, 715, 716, 750
FISHER	717, 718, 719, 720
GENERAL ELECTRIC	721, 722, 730
GOLDSTAR/LG	723, 753
HITACHI	722, 725, 729, 741
JVC	726, 727, 728, 736
MAGNAVOX	730, 731, 738
MITSUBISHI/MGA	732, 733, 734, 735
PANASONIC	729, 730, 737, 738, 739, 740
PHILIPS	729, 730, 731
PIONEER	729
RCA/PROSCAN	722, 729, 730, 731, 741, 747
SAMSUNG	742, 743, 744, 745
SANYO	717, 720, 746
SHARP	748, 749
TOSHIBA	747, 755, 756
ZENITH	754

To control a DVD player

Maker	Code(s)
SONY	401, 402, 403
PANASONIC	406, 408
PHILIPS	407
PIONEER	409
TOSHIBA	404
DENON	405

To control a DVD recorder

Maker	Code(s)
SONY	403

To control a TV

Maker	Code(s)
SONY	501
DAEWOO	504, 505, 506, 515, 544
FISHER	508
GOLDSTAR/LG	503, 511, 512, 515, 534, 544
HITACHI	513, 514, 515, 544
JVC	516
MAGNAVOX	503, 518, 544
MITSUBISHI/MGA	503, 519, 544
NEC	503, 520, 544
PANASONIC	509, 524
PHILIPS	515, 518
PIONEER	509, 525, 526
RCA/PROSCAN	510, 527, 529, 544
SAMSUNG	503, 515, 531, 532, 533, 534, 544
SANYO	508, 545, 547
SHARP	535
THOMSON	530, 537, 547
TOSHIBA	535, 541
ZENITH	542, 543

To control a satellite tuner or cable box

Maker	Code(s)
SONY	801, 802, 803, 804, 821, 822, 823, 824, 825
JERROLD/G.I.	806, 807, 808, 809, 810, 811, 812, 813, 814
PANASONIC	818
RCA	805, 819
S. ATLANTA	815, 816, 817

To control a tuner

Maker	Code(s)
SONY	001, 004, 005

To control a hard disc recorder

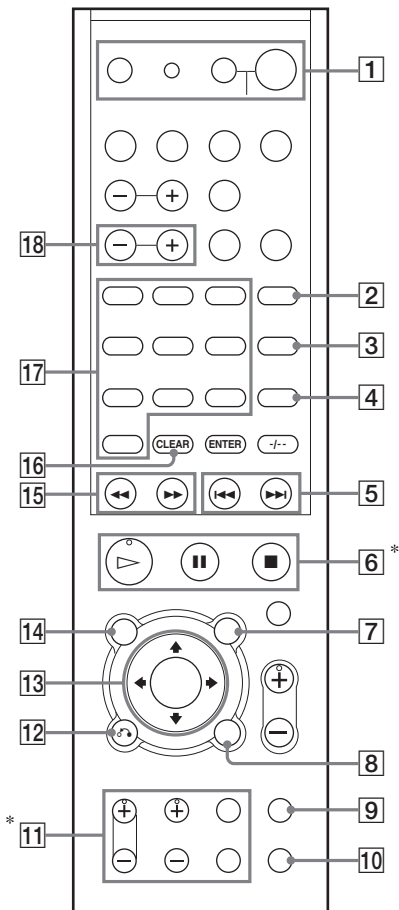
Maker	Code(s)
SONY	307, 308, 309

To control a blu-ray disc recorder

Maker	Code(s)
SONY	310, 311, 312

Controlling the connected components

You can control connected components with the remote of this system.



* The ▷, TV VOL+, and TV CH+ buttons have a tactile dot. Use the tactile dot as a reference when operating the system and other audio/video components.

continued

Common operations

Remote Button	Function
1 AV I/⏻	Turns the audio and video components on or off.
1 SYSTEM STANDBY (Press AV I/⏻ and I/⏻ at the same time)	Turns off this system and other Sony audio/video components.
7 AV MENU	Displays menu.

To control the DVD recorder/DVD player

Remote Button	Function
2 AUDIO	Changes the sound to Multiplex or Bilingual Sound.
3 SUBTITLE	Changes the subtitles.
4 ANGLE	Selects viewing angle or changes the angles.
5 ⏮⏭	Skips chapters.
6 Play mode buttons	▷ (playback)/⏸ (pause)/■ (stop)
8 DISPLAY	Selects information displayed on the TV screen.
12 RETURN↶/EXIT	Returns to the previous menu.
13 ⏪/⏩/↶/↷/ENTER	Selects a menu item and enters the selection.
14 TOP MENU	Displays DVD title.
15 ⏮⏭	Searches chapters in a forward or backward direction.
16 CLEAR	Clears a mistake when you press incorrect numeric buttons or returns to continuous playback.

To control the TV

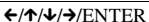

Remote Button	Function
1 TV I/⏻	Turns the TV on or off.
2 AUDIO	Changes the sound to Multiplex, Bilingual or Multi channel TV Sound.
8 DISPLAY	Selects information displayed on the TV screen.
11 TV/VIDEO	Selects input signal: TV input or video input.
11 TV CH +/-	Selects preset TV channels.
11 TV VOL +/-	Adjusts the volume of the TV.
11 WIDE	Selects the wide picture mode.
17 Numeric buttons	Selects channel numbers.
18 CH +/-	Selects preset channels.

To control the SAT



Remote Button	Function
10 JUMP	Toggles between the previous and the current channels.
12 EXIT	Exits the menu.
13 ⏪/⏩/↶/↷/ENTER	Selects a menu item and enters the selection.
14 GUIDE	Displays guide menu.
17 Numeric buttons	Selects channel numbers.
18 CH +/-	Selects preset channels.

To control the VCR


Remote Button	Function
2 AUDIO	Changes the sound to Multiplex or Bilingual Sound.
6 Play mode buttons	▷ (playback)/⏸ (pause)/■ (stop)
8 DISPLAY	Selects information displayed on the TV screen.
9 ANT	Selects output signal from the antenna (aerial) terminal: TV signal or VCR program.

Remote Button	Function
13  ←/↑/↓/→/ENTER	Selects a menu item and enters the selection.
15  ⏩/⏪	Fast forwards or rewinds.
18 CH +/-	Selects preset channels.

To control the audio components

Remote Button	Function
5  ⏭/⏮	Skips tracks.
6 Play mode buttons	▷ (playback)/⏸ (pause)/ ■ (stop)
15  ⏩/⏪	Searches tracks in a forward or backward direction.
17 Numeric buttons	Selects track numbers. 0/10 selects track 10.

Note

- The above explanations are intended to serve as an example only. Depending on the component, the above operations may not be possible, or may operate differently than described.
- Before you press  ←/↑/↓/→ to operate this system, press AMP MENU first; to operate other components, press input buttons and AV MENU or TOP MENU/GUIDE first.

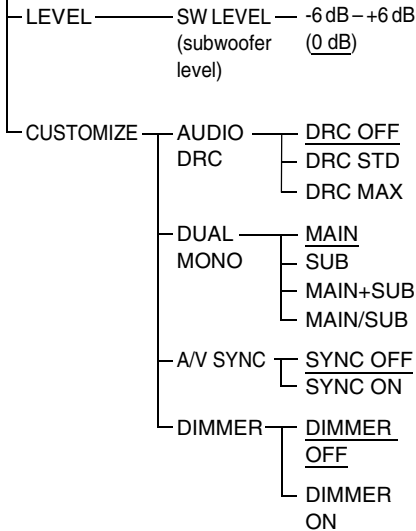
Settings and Adjustments

Using the AMP menu

You can set the following items with AMP MENU on the remote.

The default settings are underlined.

AMP MENU

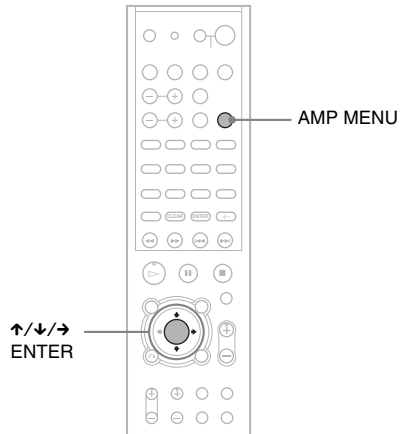


- 1 Press AMP MENU to turn on the AMP menu.
- 2 Press $\leftarrow/\uparrow/\downarrow/\rightarrow$ repeatedly to select the item and the setting.
- 3 Press AMP MENU to turn off the AMP menu.

The following pages show details for each setting.

Setting up the speakers

You can adjust the level of the subwoofer. This setting is applied to all sound fields.

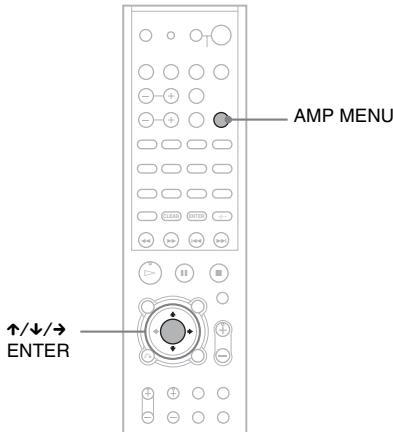


- 1 Start playing a source encoded with multi channel surround effects (DVD, etc.).
- 2 Press AMP MENU.
- 3 Press \downarrow/\uparrow repeatedly until “LEVEL” appears, then press ENTER or \rightarrow .
“SW LEVEL (subwoofer level)” appears.
- 4 Press ENTER or \rightarrow .
- 5 While monitoring the sound, press \downarrow/\uparrow repeatedly to select the setting you want.
Default setting: 0 dB
You can adjust from -6 dB to +6 dB in 1 dB steps.
- 6 Press ENTER or AMP MENU.
The AMP menu turns off.

Enjoying the sound at low volume

(AUDIO DRC)

Narrows the dynamic range of the sound track. Useful for watching movies at low volume late at night.



- 1** Press AMP MENU.
- 2** Press ↓/↑ repeatedly until “CUSTOMIZE” appears, then press ENTER or →.
- 3** Press ↓/↑ repeatedly until “AUDIO DRC” appears, then press ENTER or →.
- 4** Press ↓/↑ to select the setting.
 - DRC OFF : no compression of dynamic range.
 - DRC STD : reproduces the sound track with the kind of dynamic range that the recording engineer intended.
 - DRC MAX : compresses dynamic range fully.
- 5** Press ENTER or AMP MENU.
The AMP menu turns off.

Note

- AUDIO DRC only applies to Dolby Digital sources.

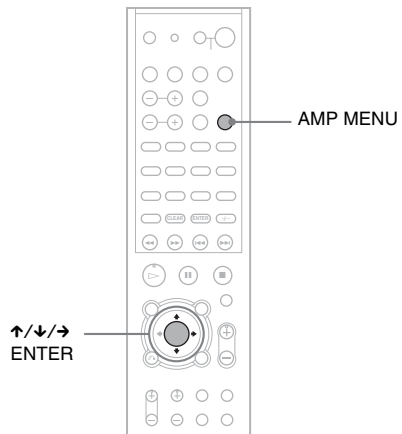
Enjoying Multiplex Broadcast Sound

(DUAL MONO)

You can enjoy multiplex broadcast sound when the system receives an AC-3 multiplex broadcast signal.

Note

- To receive AC-3 signal, you need to connect a digital satellite tuner to the system with an optical cable or coaxial cable, and set the digital output mode of the digital satellite tuner to AC-3.



- 1** Press AMP MENU.
- 2** Press ↓/↑ repeatedly until “CUSTOMIZE” appears, then press ENTER or →.
- 3** Press ↓/↑ repeatedly until “DUAL MONO” appears, then press ENTER or →.
- 4** Press ↓/↑ to select the sound you want.
 - MAIN: plays back only the main channel.
 - SUB: plays back only the sub channel.
 - MAIN+SUB: mixed playback of the main and sub channels.
 - MAIN/SUB: main sound is output from the left speaker and sub sound is output from the right speaker.

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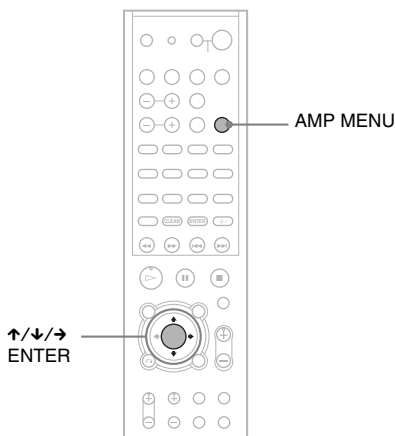
5 Press ENTER or AMP MENU.

The AMP menu turns off.

Adjusting the Delay Between the Picture and Sound

(A/V SYNC)

If picture and sound are not synchronized, you can adjust the delay between picture and sound.



- 1 Press AMP MENU.
- 2 Press ↓/↑ repeatedly until “CUSTOMIZE” appears, then press ENTER or →.
- 3 Press ↑/↓ repeatedly until “A/V SYNC” appears, then press ENTER or →.
- 4 Press ↑/↓ to select the setting.
 - SYNC OFF: does not adjust.
 - SYNC ON: adjusts the difference between picture and sound.
- 5 Press ENTER or AMP MENU.

The AMP menu turns off.

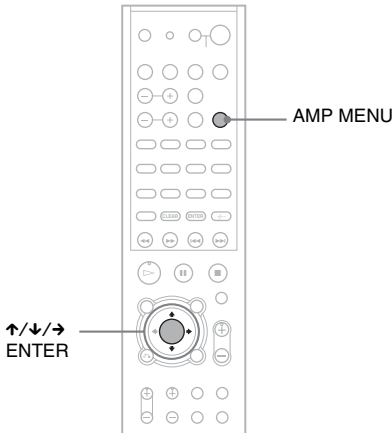
Note

- Depending on the input stream, this function may not be effective.

Changing the Brightness of the Front Panel Display

(DIMMER)

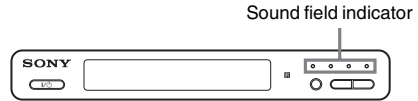
The brightness of the front panel display can be set to one of 2 levels.



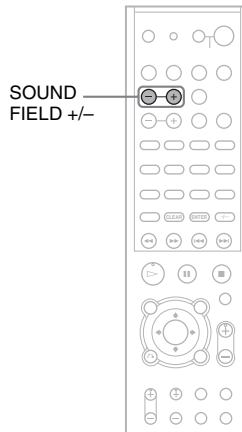
- 1 Press AMP MENU.**
- 2 Press ↓/↑ repeatedly until "CUSTOMIZE" appears, then press ENTER or →.**
- 3 Press ↑/↓ repeatedly until "DIMMER" appears, then press ENTER or →.**
- 4 Press ↑/↓ to select the brightness of the front panel display.**
 - DIMMER OFF: bright lighting.
 - DIMMER ON: low lighting. Turns off the lighting when the power is off.
- 5 Press ENTER or AMP MENU.**

The AMP menu turns off.

Selecting the sound field



This system can create 5.1 channel surround sound. You can take advantage of this front surround sound simply by selecting one of system's preprogrammed sound fields. They bring the exciting and powerful sound of movie theaters into your home.



Enjoying Front Surround Sound Using Sound Field

Press SOUND FIELD +/-.

The present sound field appears. Press SOUND FIELD +/- repeatedly until the sound field you want appears. The selected sound field indicator on the front panel lights up*.

* When you press SOUND FIELD +/- and the selected field is AUTO, AUTO and the selected sound field indicator (FRONT SURROUND or 2CH STEREO) light up.

Available sound fields

Sound field	Display
AUTO	AUTO MODE
FRONT SURROUND	FRONT SURR*
2CH STEREO	2CH STEREO
NEWS	NEWS

* Using S-Force PRO Front Surround technology.

About S-Force PRO Front Surround

Sony's long-term involvement in surround technology (and the vast amounts of acoustic data accumulated as a result) has led to the development of all-new processing method and advanced DSP to handle this task effectively, which we call S-Force PRO Front Surround. Compared with previous front surround technologies, S-Force PRO Front Surround reproduces a more convincing sense of distance and space, resulting in a true surround sound experience without the need for rear speakers.

Automatic outputting of the original sound

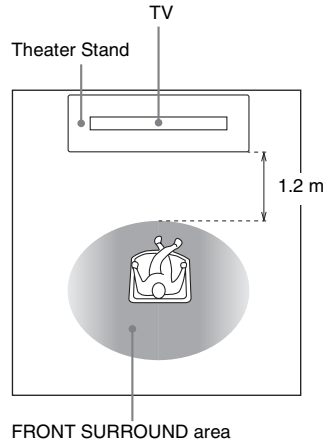
■ AUTO

This mode selects the sound field automatically, according to the type of audio signal being input.

Enjoying the Front Surround Sound System

■ FRONT SURROUND

You can enjoy surround sound in FRONT SURROUND area as illustrated below.



Outputting 2 channel sources

■ 2CH STEREO

This mode outputs 2 channel sound regardless of the audio signal type being input.

Outputting sound sources from TV

■ NEWS

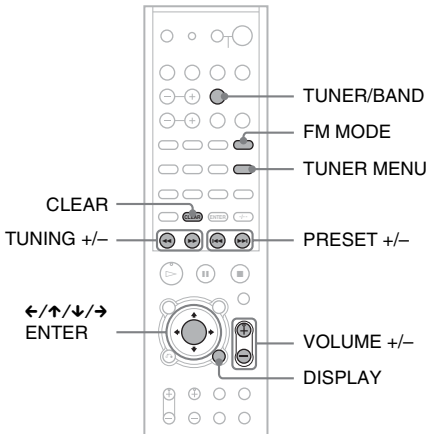
This mode clearly reproduces human voice in TV programs, such as news programs or dramas.

Tip

- The system memorizes the last sound field selected for each input.
In TUNER function mode, the same sound field is memorized for both FM and AM.

Other operations

Listening to the radio



Presetting radio stations

You can preset 20 FM stations, and 10 AM stations. Before tuning, make sure to turn down the volume to minimum.

- 1 Press **TUNER/BAND** repeatedly until the band you want appears.
- 2 Press and hold **TUNING +** or **-** until the auto scanning starts.
Scanning stops when the system tunes in a station. “TUNED” and “ST” (for stereo program) appear.



- 3 Press **TUNER MENU** repeatedly until “Memory?” appears.
- 4 Press **ENTER**.
A preset number appears.



- 5 Press **↑/↓** to select the preset number you want.



- 6 Press **ENTER**.
The station is stored.



- 7 Repeat 1 to 6 to store other stations.

To change the preset number

Restart from Step 1.

Note

- When presetting radio stations, keep FM and AM antennas (aerials) away from the AC power cord (mains lead).

Listening to the radio

Preset radio stations in the system’s memory first (see “Presetting radio stations” (page 19)).

- 1 Press **TUNER/BAND** repeatedly until “FM” or “AM” appears.
The last received station is tuned in.



- 2 Press **PRESET +** or **-** repeatedly to select the preset station you want.
Each time you press the button, the system tunes in one preset station.

- 3 Adjust the volume by pressing **VOLUME +/-**.

To turn off the radio

Press **I/⏻**.

To listen to non-preset radio stations

Use manual or automatic tuning in Step 2.

For manual tuning, press TUNING + or – repeatedly.

For automatic tuning, press and hold TUNING + or –. Press TUNING + or – to stop the automatic tuning.

Tip

- If an FM program is noisy, press FM MODE so that “MONO” appears. There will be no stereo effect, but the reception will improve. Press the button again to restore the stereo effect.
- To improve reception, reorient the supplied antennas (aerials).

Naming preset stations

You can enter a name for preset station. The name (for example, “XYZ”) appears when the station is selected.

Note that no more than one name can be entered for each preset station.

1 Press TUNER/BAND repeatedly until “FM” or “AM” appears.

The last station you received is tuned in.

2 Press PRESET + or – repeatedly to select the preset station you want to create an index name for.

3 Press TUNER MENU.

4 Press ←/↑/↓/→ repeatedly until “Name In?” appears.

5 Press ENTER.

6 Create a name by using the cursor buttons.

Press ↑/↓ to select a character, then press → to move the cursor to the next position.

Letters, numbers, and other symbols can be input for a radio station name.

If you make a mistake

Press ←/→ repeatedly until the character to be changed flashes, then press ↑/↓ to select the desired character.

To erase the character, press ←/→ repeatedly until the character to be erased flashes, then press CLEAR.

7 Press ENTER.

The station name is stored.

Tip

- You can check the frequency by pressing DISPLAY repeatedly.

To change the AM tuning interval (Except for European model)

The AM tuning interval can be set to either 10 kHz or 9 kHz.

To change the AM tuning interval, first tune in any AM station, then turn off the system by pressing I/⏻ on the system. While holding down INPUT SELECTOR, press I/⏻ on the system to turn on the power. If you change the interval, AM preset stations will be erased.

To reset the interval, repeat the same procedure.

Additional Information

Troubleshooting

If you experience any of the following difficulties while using the system, use this troubleshooting guide to help remedy the problem before requesting repairs. Should any problem persist, consult your nearest Sony dealer.

General

The power is not turned on.

- Check that the AC power cord (mains lead) is connected securely.

If “PROTECT” and “UNPLUG” appears alternately.

- Immediately unplug the AC power cord (mains lead) and check that nothing is blocking the ventilation holes of the system. After fixing any problems, connect the AC power cord (mains lead) again and turn on the system. If the cause of the problem cannot be found, consult your nearest Sony dealer.

Dolby Digital or DTS multi channel sound is not reproduced.

- Check that the playing DVD, etc, is recorded in Dolby Digital or DTS format.
- When connecting the DVD player, etc, to the digital input jacks of this system, check that audio setting (settings for the audio output) of the connected component.
- Check that the DVD player selects the correct settings. (Check the sound from DVD menu.)

The surround effect cannot be obtained.

- Press SOUND FIELD +/-, make sure the sound field function is on.
- Depending on the digital signal, the sound field may not function.

There is no sound from one of the front speakers.

- Check that the component is connected correctly to the audio input jacks for that component.
- Check that the cords are fully inserted into the jacks on both the component and this system.

The left and right sounds are unbalanced or reversed.

- Check that the components are connected correctly and securely.
- Adjust balance parameters in the LEVEL menu.

No sound or only a very low-level sound is heard from the front speakers.

- Press SOUND FIELD +/- and check the selected sound field.
- Depending on the source, the sound effect of the front speakers may be less noticeable.

Connected components

There is no sound or only a very low-level sound no matter which component is selected.

- Check that this system and components are connected correctly and securely.
- Check that both this system and the selected component are turned on.
- Check that the volume is not set to the minimum level.
- Press MUTING to cancel the muting function.

There is no sound from the selected component

- Check that the component is connected correctly to the audio input jacks for that component.
- Check that the cords are fully inserted into the jacks on both the component and this system.
- Check that the component is selected correctly.

- If you resume play a disc when volume is maximum, there may be no sound. In this case, turn down the volume, turn off the system and turn on again.

Sound is interrupted or there is noise.

- Check that you are not inputting PCM 96 kHz audio signals; this system cannot output PCM 96 kHz audio signals.

There is no picture or an unclear picture appears on the TV screen.

- You have set progressive format on your DVD player but your TV cannot accept the signal in progressive format. In this case, return the setting to interlace format on your DVD player. For details, refer to the operating instructions supplied with your DVD player.
- Even if your TV is compatible with progressive format (525p/625p) signals, the image may be affected when you set progressive format on your DVD player. In this case, return the setting to interlace format on your DVD player. For details, refer to the operating instructions supplied with your DVD player.
- Check that the TV is selected correctly.
- Set the TV to the appropriate input mode.

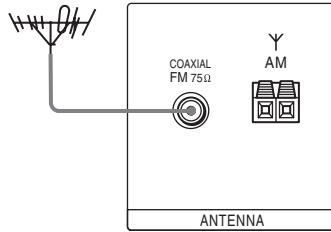
TUNER

Radio stations cannot be tuned in.

- Check that the antennas (aerials) are connected securely.
- Adjust the angles of the antennas (aerials).
- Connect an external antenna (aerial) if necessary.
- Use manual tuning.
- No stations have been preset or the preset stations have been cleared (when tuning by scanning preset stations). Preset the stations.


FM reception is poor.

- Use a 75-ohm coaxial cable (not supplied) to connect the receiver to an outdoor FM antenna (aerial) as shown below. If you connect the receiver to an outdoor antenna (aerial), ground it against lightning. To prevent a gas explosion, do not connect the ground wire to a gas pipe.



OTHER

The remote does not function.

- Point the remote at the remote sensor  on the system.
- Remove any obstacles in the path between the remote and the system.
- Replace both batteries in the remote with new ones, if they are weak.
- Make sure you select the correct input on the remote.

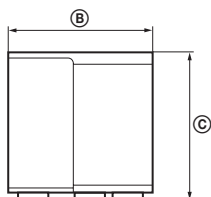
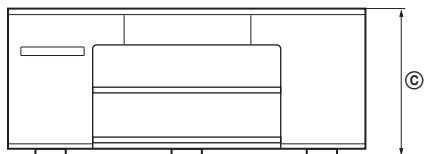
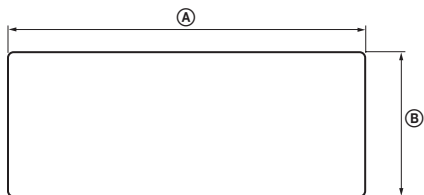
If the system still does not operate properly after performing the above measures, reset the system as follows:

Use buttons on the unit for the operation.

- 1** Press **I/⏻** to turn on the power.
- 2** Press **INPUT SELECTOR, VOLUME -**, **I/⏻** at the same time.

“COLD RESET” appears and the system is reset. AMP menu, sound field and the preset radio stations, etc., return to the default settings.

Specifications



Dimensions: mm	A	1,205
	B	510
	C	495
Weight: kg		64

Amplifier section

Stereo mode	40 W + 40 W (4 ohms at 1 kHz, DIN)
Surround mode (reference) power output	Front: 100 W + 100 W (4 ohms at 1 kHz, THD 10 %)
	Surround*: 100 W + 100 W (4 ohms at 1 kHz, THD 10 %)
	Subwoofer*: 200 W (2 ohms at 1 kHz, THD 10 %)

* Depending on the sound field settings and the source, there may be no sound output.

Inputs (Analog)

TV, SAT, DVD, VIDEO	Sensitivity: 610 mV Impedance: 25 kilohms
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Inputs (Digital)

TV, SAT, DVD, VIDEO	Impedance: 75 ohms
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Tuner section

System	PLL quartz-locked digital synthesizer system
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FM tuner section

Tuning range	87.5 – 108.0 MHz (50 kHz step)
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Antenna (aerial)	FM wire antenna (aerial)
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Antenna (aerial) terminals	75 ohms, unbalanced
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Intermediate frequency	10.7 MHz
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AM tuner section

Tuning range	European model: 531 – 1,602 kHz (with the interval set at 9 kHz)
	Other models: 530 – 1,710 kHz (with the interval set at 10 kHz)
	531 – 1,602 kHz (with the interval set at 9 kHz)

Antenna (aerial)	AM loop antenna (aerial)
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Intermediate frequency	450 kHz
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Video section

Inputs/Outputs	Video: 1 V _{p-p} 75 ohms COMPONENT: Y: 1 V _{p-p} 75 ohms P _B /C _B , P _R /C _R : 0.7 V _{p-p} 75 ohms Accepts 480i/480p/720p/1080i
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Speakers**Front**

Speaker system	Bass reflex, magnetically shielded
Speaker unit	65 mm cone type

Surround

Speaker system	Bass reflex, magnetically shielded
Speaker unit	65 mm cone type × 2

Subwoofer

Speaker system	Bass reflex, magnetically shielded
Speaker unit	160 mm cone type × 2

General

Power requirements	European model: 230 – 240 V, 50/60 Hz Other models: 220 – 240 V, 50/60 Hz
Power consumption	On: 125 W Standby: 0.3 W
Dimensions (approx.)	1,205 × 495 × 550 mm (w/h/d) incl. projecting parts
Mass (approx.)	64 kg
Supplied accessories	AM loop antenna (aerial) (1) FM wire antenna (aerial) (1) Optical cable (1) Component video cord (blue/green/red) (1) Video cord (yellow) (1) Remote commander (remote) (1) Size AA (R6) batteries (2) Operating Instructions (1) Quick Setup Guide (card) (1)

Design and specifications are subject to change without notice.

Glossary**Dolby Digital**

This movie theater sound format is more advanced than Dolby Surround Pro Logic. In this format, the surround speakers output stereo sound with an expanded frequency range, and a subwoofer channel for deep bass is independently provided. This format is also called “5.1” with the subwoofer channel designed as the 0.1 channel (since it functions only when a deep bass effect is needed). All six channels in this format are recorded separately for superior channel separation. Furthermore, since all the signals are processed digitally, less signal degradation occurs.

Dolby Pro Logic II

Dolby Pro Logic II creates five full-bandwidth output channels from 2 channel sources. This is done using an advanced, high-purity matrix surround decoder that extracts the spatial properties of the original recording without adding any new sounds or tonal colorations.

DTS

Digital audio compression technology developed by Digital Theater Systems, Inc. This technology conforms to 5.1-channel surround. This format comprises of stereo rear channel and there is discrete subwoofer channel in this format. DTS provides the same 5.1 discrete channels of high quality digital audio. The good channel separation is realized due to the all channel data being recorded discretely and processed in digitally.

S-Force PRO Front Surround

Sony’s long-term involvement in surround technology (and the vast amounts of acoustic data accumulated as a result) has led to the development of all-new processing method and advanced DSP to handle this task effectively, which we call S-Force PRO Front Surround. Compared with previous front surround technologies, S-Force PRO Front Surround reproduces a more convincing sense of distance and space, resulting in a true surround sound experience without the need for rear speakers.

continued

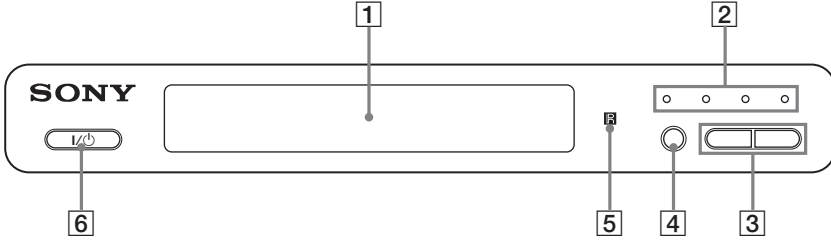
S-Master

S-Master is an all-digital amplifier technology developed by Sony, which effectively minimizes the occurrence of sound fragmentation and jitter, delivering superb dialog clarity and faithful reproduction of the original sound. The compact amplifier section supports a higher power efficiency and improved thermal performance.


Index to Parts and Controls

For more information, refer to the pages indicated in parentheses.

Front panel



- 1 Front panel display (28)
- 2 Sound field indicator (17)
- 3 VOLUME +/- (23)

- 4 INPUT SELECTOR (23)
- 5  (remote sensor) (23)
- 6 I/O (on/standby) (23)

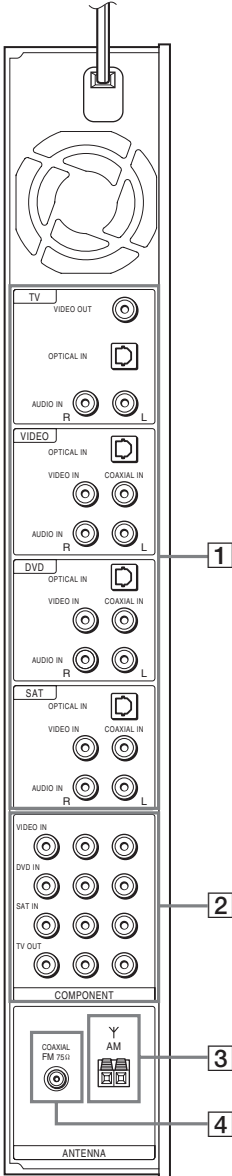
Front panel display

About the indications in the front panel display



- 1 Current surround format
- 2 Lights up in SLEEP mode. (21)
- 3 Lights up when A/V SYNC is functioning. (16)
- 4 Lights up when a radio station is tuned. (19)
- 5 Lights up when a stereo broadcast is tuned. (19)
- 6 Lights up when listening to the radio in monaural effect. (20)

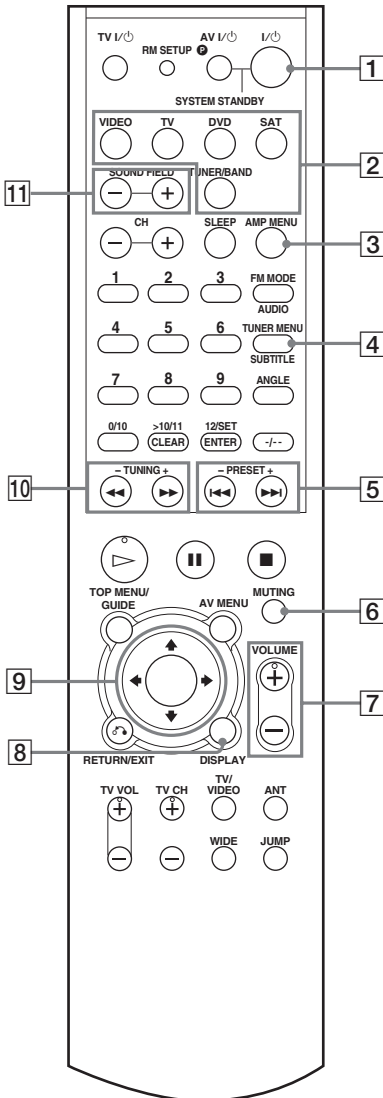
Rear panel



- 1 TV/VIDEO/DVD/SAT jacks
- 2 COMPONENT jacks
- 3 AM terminal
- 4 COAXIAL FM 75Ω jack

Remote control

Here describes the buttons for amplifier operation only. See page 11 for the buttons for operation of the connected components.



- 1 I/⏻ (on/standby)
- 2 Input buttons
- 3 AMP MENU (14, 15, 16, 17)
- 4 TUNER MENU (19)
- 5 PRESET +/- (19)
- 6 MUTING
- 7 VOLUME +/- (19)
The VOLUME + button has a tactile dot.*
- 8 DISPLAY (19)
- 9 ←/↑/↓/→/ENTER (14, 15, 16, 17, 19)
- 10 TUNING +/- (19)
- 11 SOUND FIELD +/- (17)

* Use the tactile dot as a reference when operating the system.

