

# ***Home Theatre System***

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Operating Instructions \_\_\_\_\_

**GB**

使用说明书 \_\_\_\_\_

**CS**

*HT-SL800*

*HT-SL700*

*HT-SL600*

*HT-SL500*

## 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.

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



Don't throw away batteries with general house waste; dispose of them correctly as chemical waste.

### Except for customers in Europe



ENERGY STAR<sup>®</sup> is a U.S. registered mark. As an ENERGY STAR<sup>®</sup> partner, Sony Corporation has determined that this product meets the ENERGY STAR<sup>®</sup> guidelines for energy efficiency.

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## About This Manual

- The instructions in this manual are for model HT-SL800, HT-SL700, HT-SL600 and HT-SL500. Check your model number by looking at the lower right corner of the front panel. In this manual, HT-SL500 models of area code CEL is used for illustration purposes unless stated otherwise.
- The instructions in this manual describe the controls on the remote. You can also use the controls on the receiver if they have the same or similar names as those on the remote. For details on the use of your remote, see pages 31–34.

### The HT-SL800 consists of:

- Receiver STR-KSL600
- Speaker system
  - Front speakers SS-SLP701
  - Center speaker SS-CNP501
  - Surround speakers SS-MSP501
  - Sub woofer SA-WMSP601

### The HT-SL700 consists of:

- Receiver STR-KSL700
- Speaker system
  - Front speakers SS-SLP701
  - Center speaker SS-CNP501
  - Surround speakers SS-MSP501
  - Sub woofer SA-WMSP501

### The HT-SL600 consists of:

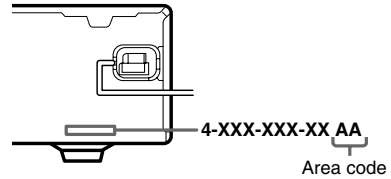
- Receiver STR-KSL600
- Speaker system
  - Front/Surround speakers SS-MSP501
  - Center speaker SS-CNP501
  - Sub woofer SA-WMSP601

### The HT-SL500 consists of:

- Receiver STR-KSL500
- Speaker system
  - Front/Surround speakers SS-MSP501
  - Center speaker SS-CNP501
  - Sub woofer SA-WMSP501

### About area codes

The area code of the receiver you purchased is shown on the lower portion of the rear panel (see the illustration below).



Any differences in operation, according to the area code, are clearly indicated in the text, for example, “Models of area code AA only”.

This receiver 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.

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## Note for the supplied remote

### For RM-U700

The AUX button on the remote is not available for receiver operation.

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# 1: Check how to hookup your components

Steps 1a through 1b beginning on page 7 describe how to hook up your components to this receiver. Before you begin, refer to “Connectable components” below for the pages which describe how to connect each component.

After hooking up all your components, proceed to “2: Connecting the antennas” (page 10).

## Connectable components

<b>Component to be connected</b>	<b>Page</b>
DVD player	
With digital audio output <sup>a)</sup>	7–8
With analog audio output only <sup>b)</sup>	7–8
TV monitor	
With composite video input only	8, 9
Satellite tuner	
With digital audio output <sup>a)</sup>	7
With analog audio output only <sup>b)</sup>	7
VCR	9

a) Model with a DIGITAL OPTICAL OUTPUT or DIGITAL COAXIAL OUTPUT jack, etc.

b) Model equipped only with AUDIO OUT L/R jacks, etc.

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## Required cords

The hookup diagrams on the subsequent pages assume the use of the following optional connection cords (**A** to **E**) (not supplied unless indicated).

### **A** Audio cord

White (L)  
Red (R)



### **B** Audio/video cord

Yellow (video)  
White (L/audio)  
Red (R/audio)



### **C** Video cord

Yellow



### **D** Optical digital cord



### **E** Coaxial digital cord (supplied)

Orange



## Notes

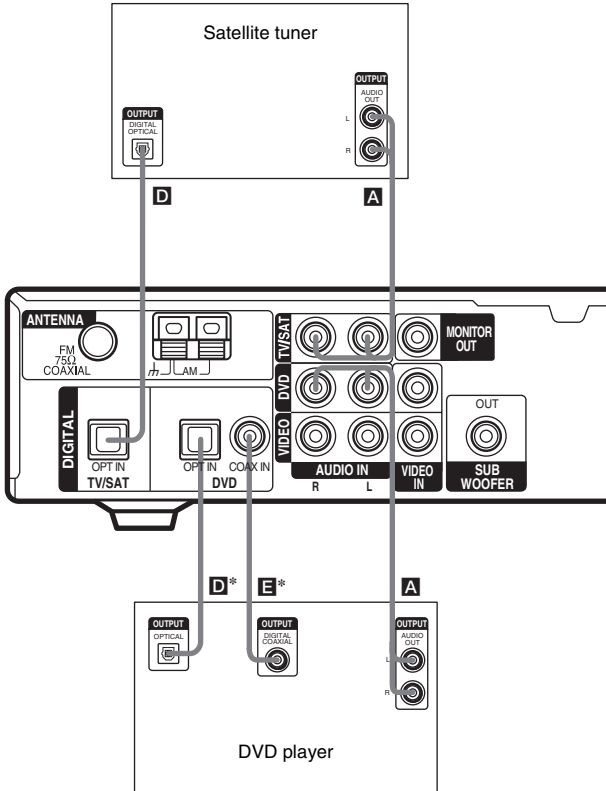
- Turn off the power to all components before making any connections.
- Be sure to make connections firmly to avoid hum and noise.
- When connecting an audio/video cord, be sure to match the color-coded pins to the appropriate jacks on the components: yellow (video) to yellow; white (left, audio) to white; and red (right, audio) to red.
- When connecting optical digital cords, insert the cord plugs straight in until they click into place.
- Do not bend or tie optical digital cords.

# 1a: Connecting components with digital audio output jacks

## Hooking up a DVD player or satellite tuner

For details on the required cords (**A**–**E**), see page 6.

### 1 Connect the audio jacks.

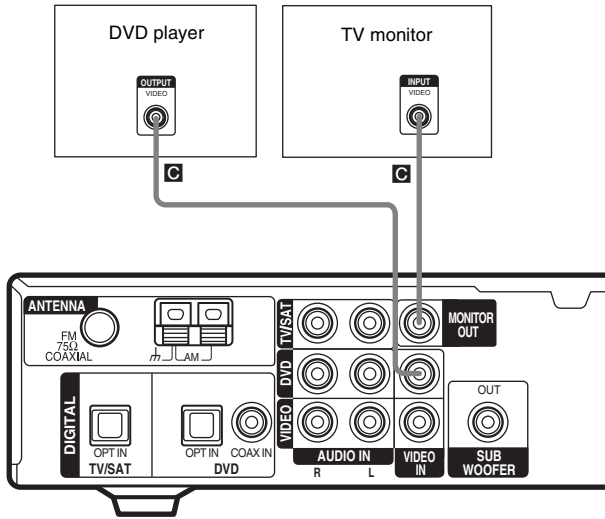


\* Connect to either the COAX IN or OPT IN jack. We recommend making connections to the COAX IN jack.

#### Tip

All the digital audio jacks are compatible with 32 kHz, 44.1 kHz, 48 kHz and 96 kHz sampling frequencies.

## 2 Connect the video jacks.

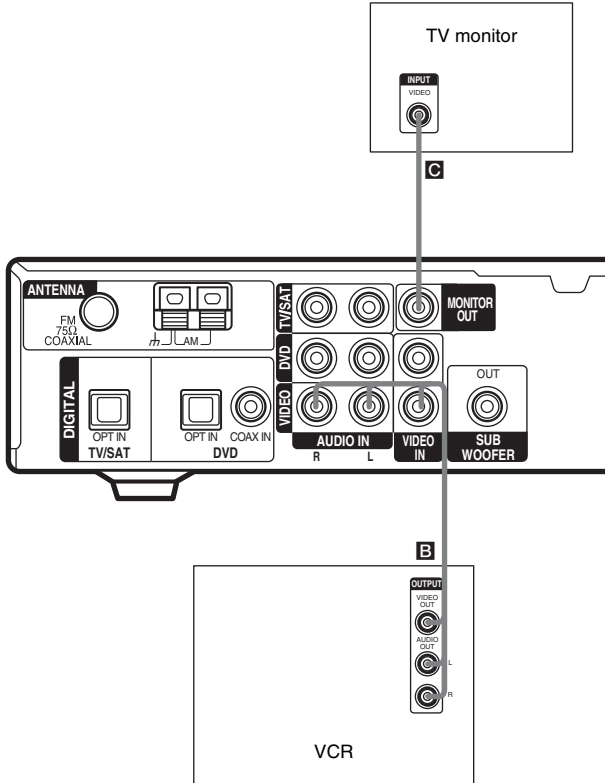




# 1b: Connecting components with only analog audio jacks

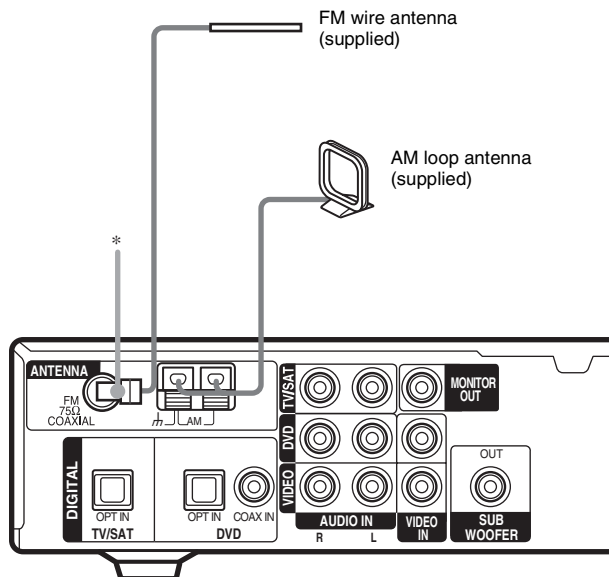
## Hooking up video components

If you connect your TV to the MONITOR OUT jack, you can watch the video from the selected input (page 18). For details on the required cords (**A**–**E**), see page 6.



## 2: Connecting the antennas

Connect the supplied AM loop antenna and FM wire antenna.



\* The shape of connector varies depending on the area code.

### Notes

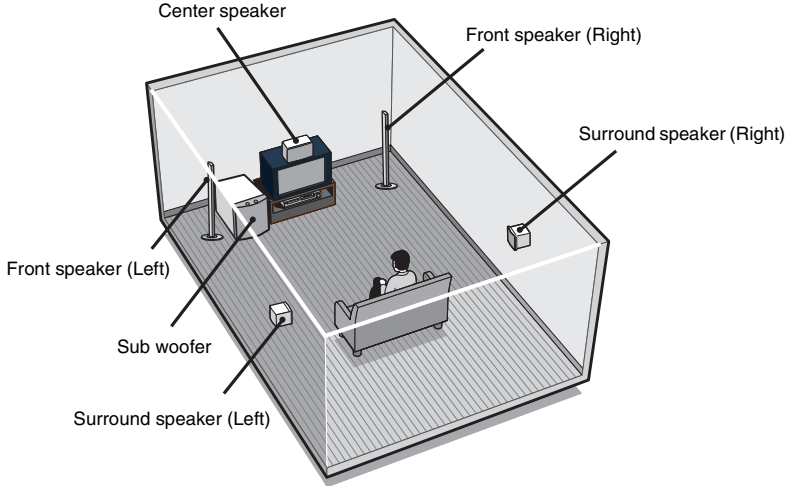
- To prevent noise pickup, keep the AM loop antenna away from the receiver and other components.
- Be sure to fully extend the FM wire antenna.
- After connecting the FM wire antenna, keep it as horizontal as possible.

### 3: Connecting speakers

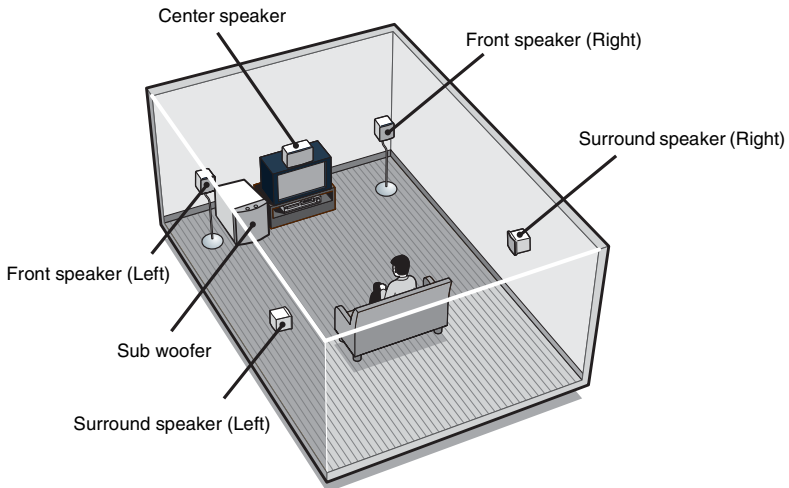
Connect your speakers to the receiver. This receiver allows you to use a 5.1 channel speaker system. To fully enjoy theater-like multi channel surround sound requires five speakers (two front speakers, a center speaker, and two surround speakers) and a sub woofer (5.1 channel).

#### Example of 5.1 channel speaker system configuration

##### HT-SL800/HT-SL700 only



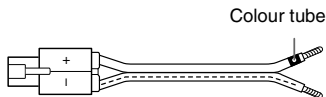
##### HT-SL600/HT-SL500 only



## Required cords

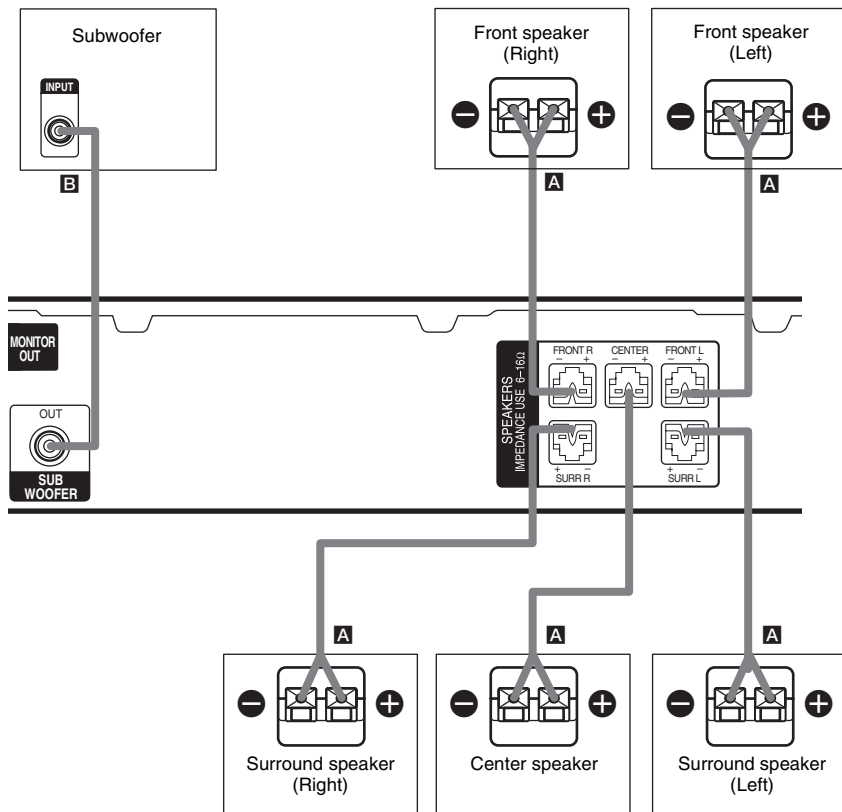
### A Speaker cords (supplied)

The connector and the colour tube of the speaker cords are the same colour as the speaker terminal to be connected.



### B Monaural audio cord (supplied)

Black



### Note

Before you connect the speakers, attach the colour labels onto the speakers so that you can identify the speakers to be connected.

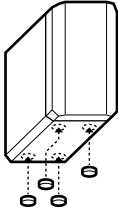
**Tips**

- Since the sub woofer does not emit highly directional signals, you can place it wherever you want.
- (Except for the front speaker of HT-SL800/ HT-SL700) For greater flexibility in the positioning of the speakers, use the optional WS-FV11 or WS-FV10D floor stand (available only in certain countries).

**Attaching foot pads**

(Except for the front speaker of HT-SL800/ HT-SL700)

To prevent speaker vibration or movement, attach the supplied foot pads to the speaker as shown in the illustration below.

**Note**

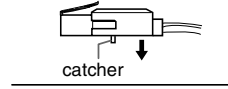
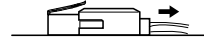
Be sure to attach the supplied foot pads to the sub woofer as well.

**To change the speaker cord**

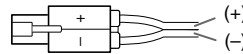
If you want to change the speaker cord, you can detach the supplied speaker cord from the connector.

**1 Press the connector onto a flat surface.**

Make sure that the catcher is facing the flat surface.

**2 Pull the speaker cord from the connector.****3 Twist the stripped ends of the speaker cord you want about 10 mm and insert the speaker cord into the connector.**

Make sure that the speaker cord is inserted according to its polarity : + to + and - to -. Otherwise the sound will be distorted and will lack bass.

**4 Remove the connector from the flat surface.****Note**

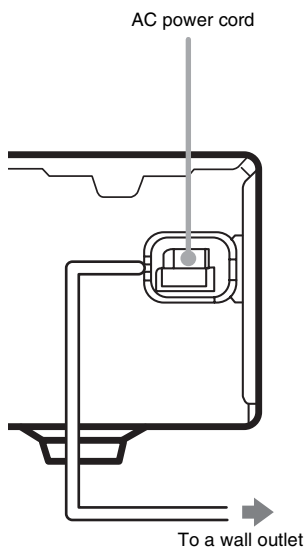
To avoid the speaker cord from coming off the speaker connector

- do not use a smaller-size speaker cord. We recommend that you use the AWG#18 to AWG#24 speaker cords.
- use the same speaker cord size for all the speaker connectors.
- twist the stripped ends of the speaker cords.
- insert the speaker cord completely into the speaker connector.

## 4: Connecting the AC power cord

### Connecting the AC power cord

Connect the AC power cord to a wall outlet.



## Performing initial setup operations

Before using the receiver for the first time, initialize the receiver by performing the following procedure.

This procedure can also be used to return settings you have made to their factory defaults.

Use the buttons on the receiver for the operation.

**1 Press I/⏻ to turn off the receiver.**

**2 Hold down I/⏻ for 5 seconds.**

“INITIAL” appears in the display.

The following are reset to their factory settings.

- All settings in the SET UP, LEVEL and TONE menus.
- The sound field memorized for each input and preset station.
- All sound field parameters.
- All preset stations.
- MASTER VOLUME is set to “VOL MIN”.

## 5: Setting up the speakers

You can use the SET UP menu to set the distance and location of the speakers connected to this receiver.

- 1** Press **I/⏻** to turn on the receiver.
  - 2** Press **MAIN MENU** repeatedly to select “<SET UP>”.
  - 3** Press **↑** or **↓** repeatedly to select the parameter you want to adjust.  
For details, see “Speaker setup parameters” below.
- Note**  
Some speaker setup items may appear dimmed in the display. This means that they have been adjusted automatically due to other speaker settings or may not be adjustable.
- 4** Press **←** or **→** repeatedly to select the setting you want.  
The setting is entered automatically.
  - 5** Repeat steps 3 and 4 until you have set all of the items that follow.

### Speaker setup parameters

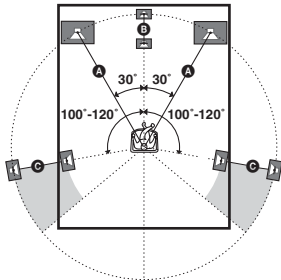
The initial setting is underlined>.

#### ■ DIST. X.X m (Front speaker distance)

Initial setting: 3.0 m

Lets you set the distance from your listening position to the front speakers (A). You can adjust from 1.0 meter to 7.0 meters in 0.1 meter steps.

If both front speakers are not placed an equal distance from your listening position, set the distance to the closest speaker.



#### ■ DIST. X.X m (Center speaker distance)

Initial setting: 3.0 m

Lets you set the distance from your listening position to the center speaker. Center speaker distance should be set from a distance equal to the front speaker distance (A) to a distance 1.5 meters closer to your listening position (B).

#### ■ DIST. X.X m (Surround speaker distance)

Initial setting: 3.0 m

Lets you set the distance from your listening position to the surround speakers. Surround speaker distance should be set from a distance equal to the front speaker distance (A) to a distance 4.5 meters closer to your listening position (C).

If both surround speakers are not placed an equal distance from your listening position, set the distance to the closest speaker.

#### Tip

The receiver lets you to input the speaker position in terms of distance. However, it is not possible to set the center speaker further than the front speakers. Also, the center speaker cannot be set more than 1.5 meters closer than the front speakers.

Likewise, the surround speakers cannot be set further away from the listening position than the front speakers. And they can be no more than 4.5 meters closer.

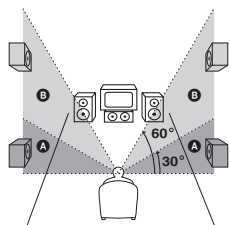
This is because incorrect speaker placement is not conducive to the enjoyment of surround sound.

Please note that, setting the speaker distance closer than the actual location of the speakers will cause a delay in the output of the sound from that speaker. In other words, the speaker will sound like it is further away.

For example, setting the center speaker distance 1–2 meters closer than the actual speaker position will create a fairly realistic sensation of being “inside” the screen. If you cannot obtain a satisfactory surround effect because the surround speakers are too close, setting the surround speaker distance closer (shorter) than the actual distance will create a larger sound stage. Adjusting these parameter while listening to the sound often results in much better surround sound. Give it a try!

**(Surround speaker placement)**

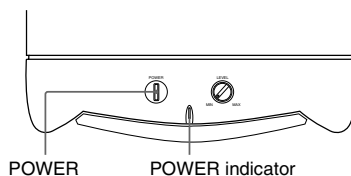
Lets you specify the height of your surround speakers for proper implementation of the surround effects of the Cinema Studio EX modes (page 25).



- **LOW**  
Select if the height of your surround speakers corresponds to section **A**.
- **HIGH**  
Select if the height of your surround speakers corresponds to section **B**.

## 6: Setting up the sub woofer

### Listening to the sub woofer



Before playing the program source, set the volume to minimum on the receiver.

- 1 Turn on the receiver.**
- 2 Press input buttons (e.g., DVD) to select the program source (e.g., DVD player).**

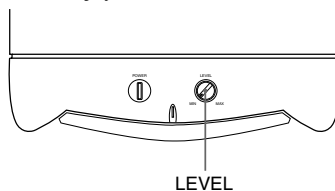
**Tip**

You can also use INPUT SELECTOR on the receiver to select the program source.

- 3 Press POWER on the sub woofer.**  
The POWER indicator on the sub woofer lights up.
- 4 Play the program source.**

### Adjusting the level

Slight adjustments to the system can enhance your sound enjoyment.



**Turn LEVEL to adjust the volume.**

Set the volume level to best suit your preference according to the program source.

**Note**

Do not set the volume of the sub woofer to maximum. Extraneous noise may be heard.



## 7: Adjusting the speaker levels and balance

### — TEST TONE

Adjust the speaker levels and balance while listening to the test tone from your listening position.

#### Tip

The receiver employs a test tone with a frequency centered at 800 Hz.

**1** Press  $I/\text{⏻}$  to turn on the receiver.

**2** Press TEST TONE.

“T. TONE” appears in the display and the test tone is output from each speaker in sequence.

Front (left) → Center → Front (right) →  
Surround (right) → Surround (left) →  
Sub woofer

**3** Adjust the speaker levels and balance using the LEVEL menu so that the level of the test tone sounds the same from each speaker.

For details on the LEVEL menu settings, see page 27.

#### Tips

- To adjust the level of all speakers at the same time, press MASTER VOL +/- on the remote or turn MASTER VOLUME on the receiver.
- The adjusted value are shown in the display during adjustment.

**4** Press TEST TONE again after adjustment.

The test tone turns off.

## Amplifier Operation

### Selecting the component

- 1 Press **INPUT SELECTOR** on the receiver to select the component you want to use.

To select the	Light up
VCR	VIDEO
DVD player	DVD
Satellite tuner	TV/SAT
Built-in tuner (FM/AM)	TUNER

- 2 Turn on the component and start playback.

#### Note

If you select the VCR or DVD player, set the TV's video input to match the component you selected.

- 3 Turn **MASTER VOLUME** on the receiver to adjust the volume.

#### Note

To avoid damaging your speakers, make sure that you turn down the volume before you turn off the receiver.

### To mute the sound

Press **MUTING**.

The muting function will be canceled when you do the following.

- Press **MUTING** again.
- Turn the power off.
- Increase the volume.

## Listening to FM/AM radio

You can listen to FM and AM broadcasts through the built-in tuner. Before operation, make sure you have connected the FM and AM antennas to the receiver (see page 10).

#### Tip

The tuning scale differs depending on the area code as shown in the following table. For details on area codes, see page 3.

Area code	FM	AM
CEL, CEK, AU, CN	50 kHz	9 kHz

### Automatic tuning

If you do not know the frequency of the station you want, you can let the receiver scan all available stations in your area.

- 1 Press **TUNER** repeatedly to select the **FM** or **AM** band.

The last received station is tuned in.

#### Tip

You can also use **INPUT SELECTOR** on the receiver.

- 2 Press **TUNING +** or **TUNING -**.

Press **TUNING +** to scan from low to high; press **TUNING -** to scan from high to low.

The receiver stops scanning whenever a station is received.

#### Tip

If "STEREO" flashes in the display and the FM stereo reception is poor, press **FM MODE** to change to monaural (MONO). You will not be able to enjoy the stereo effect, but the sound will be less distorted. To return to stereo mode, press **FM MODE** again.

## Direct tuning

You can enter the frequency of the station you want directly.

- 1** Press **TUNER** repeatedly to select the **FM** or **AM** band.
- The last received station is tuned in.
- 2** Press **D.TUNING**.
- 3** Press the numeric buttons to enter the frequency.

Example 1: FM 102.50 MHz

Press 1 → 0 → 2 → 5 → 0

Example 2: AM 1,350 kHz

Press 1 → 3 → 5 → 0

If you have tuned in an AM station, adjust the direction of the AM loop antenna for optimum reception.

## If you cannot tune in a station and the entered numbers flash

Make sure you have entered the right frequency. If not, repeat steps 2 and 3. If the entered numbers still flash, the frequency is not used in your area.

## Storing FM stations automatically

### — AUTOBETICAL

#### (Models of area code **CEL**, **CEK** only)

This function lets you store up to 30 FM and FM RDS stations in alphabetical order without redundancy. Additionally, it only stores the stations with the clearest signals.

If you want to store FM or AM stations one by one, see “Presetting radio stations”.

Use the buttons on the receiver for the operation.

- 1** Press **I/⏻** to turn off the receiver.
- 2** Hold down **INPUT SELECTOR** and press **I/⏻** to turn the receiver back on.

“AUTO-BETICAL SELECT” appears in the display and the receiver scans and stores all the FM and FM RDS stations in the broadcast area.

For RDS stations, the tuner first checks for stations broadcasting the same program, then stores only the one with the clearest signal. The selected RDS stations are sorted alphabetically by their Program Service name, then assigned a 2-character preset code. For more details on RDS, see page 21.

Regular FM stations are assigned 2-character preset codes and stored after the RDS station.

When done, “FINISH” appears in the display momentarily and the receiver returns to the normal operation.

#### Notes

- Do not press any button on the receiver or supplied remote during autobetrical operation, except **I/⏻**.
- If you move to another area, repeat this procedure to store stations in your new area.
- For details on tuning the stored stations, see “Tuning to preset stations”.
- If you move the antenna after storing stations with this procedure, the stored settings may no longer be valid. If this happens, repeat this procedure to store the stations again.

## Presetting radio stations

You can preset up to 30 FM or AM stations. Then you can easily tune in the stations you often listen to.

### Presetting radio stations

- 1 Press TUNER repeatedly to select the FM or AM band.**

The last received station is tuned in.

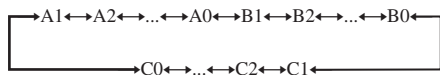
- 2 Tune in the station that you want to preset using Automatic Tuning (page 18) or Direct Tuning (page 19).**

- 3 Press MEMORY.**

“MEMORY” appears in the display for a few seconds. Do steps 4 to 5 before the display goes out.

- 4 Press PRESET/CH/D.SKIP + or PRESET/CH/D.SKIP – repeatedly to select a preset station number.**

Each time you press the button, you can select the preset station number as follows:



If “MEMORY” goes out before you select the preset station number, start again from step 3.

#### Tips

- You can also use PRESET TUNING + or PRESET TUNING – on the receiver.
- You can also press SHIFT repeatedly to select a memory page (A, B or C) and then press the numeric buttons to select a preset number.

- 5 Press MEMORY again.**

The station is stored to the selected preset number.

If “MEMORY” goes out before you press MEMORY, start again from step 3.

- 6 Repeat steps 2 to 5 to preset another station.**

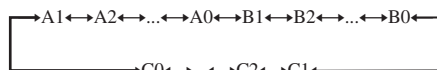
## Tuning to preset stations

- 1 Press TUNER repeatedly to select the FM or AM band.**

The last received station is tuned in.

- 2 Press PRESET/CH/D.SKIP + or PRESET/CH/D.SKIP – repeatedly to select the preset station you want.**

Each time you press the button, you can select the preset station as follows:



### Using the receiver

- 1 Press INPUT SELECTOR repeatedly to select FM or AM.**
- 2 Press PRESET TUNING – or PRESET TUNING + repeatedly to select the preset station you want.**

### To select the preset station directly

Press the numeric buttons.

The preset station of the selected number in the current memory page is tuned in. Press SHIFT repeatedly on the remote to change the memory page.

## Using the Radio Data System (RDS)

### (Models of area code CEL, CEK only)

This receiver also allows you to use RDS (Radio Data System), which enables radio stations to send additional information along with the regular program signal. You can also display RDS information.

#### Notes

- RDS is operable only for FM stations.
- Not all FM stations provide RDS service, nor do they provide the same types of services. If you are not familiar with the RDS services in your area, check with your local radio stations for details.

## Receiving RDS broadcasts

Simply select a station on the FM band using Automatic tuning (page 18), Direct tuning (page 19), or preset tuning (page 20).

When you tune in a station that provides RDS services, the RDS indicator lights up and the program service name appears in the display.

#### Note

RDS may not work properly if the station you tuned to is not transmitting the RDS signal properly or if the signal strength is weak.

## Displaying RDS information

While receiving an RDS station, press **DISPLAY** repeatedly.

Each time you press the button, RDS information on the display changes cyclically as follows:

Program Service name → Frequency → Program Type indication<sup>a)</sup> → Radio Text indication<sup>b)</sup> → Current Time indication (in 24-hour system) → Sound field currently applied → Volume level

<sup>a)</sup> Type of program being broadcast (see page 21).

<sup>b)</sup> Text messages sent by the RDS station.

#### Notes

- If there is an emergency announcement by government authorities, “ALARM” flashes in the display.
- When the message consists of 9 characters or more, the message scrolls across the display.
- If a station does not provide a particular RDS service, “NO XXXX” (such as “NO TEXT”) appears in the display.

## Description of program types

Program type indication	Description
NEWS	News programs
AFFAIRS	Topical programs that expand on current news
INFO	Programs offering information on a wide spectrum of subjects, including consumer affairs and medical advice
SPORT	Sports programs
EDUCATE	Educational programs, such as “how-to” and advice programs
DRAMA	Radio plays and serials
CULTURE	Programs about national or regional culture, such as language and social concerns
SCIENCE	Programs about the natural sciences and technology
VARIED	Other types of programs such as celebrity interviews, panel games, and comedy
POP M	Popular music programs
ROCK M	Rock music programs
EASY M	Easy Listening
LIGHT M	Instrumental, vocal, and choral music
CLASSICS	Performances of major orchestras, chamber music, opera, etc.
OTHER M	Music that does not fit into any categories above, such as Rhythm & Blues and Reggae
WEATHER	Weather information
FINANCE	Stock market reports and trading, etc.
CHILDREN	Programs for children
SOCIAL	Programs about people and the things that affect them
RELIGION	Programs of religious content

continued

<b>Program type indication</b>	<b>Description</b>
PHONE IN	Programs where members of the public express their views by phone or in a public forum
TRAVEL	Programs about travel. Not for announcements that are located by TP/TA
LEISURE	Programs on recreational activities such as gardening, fishing, cooking, etc.
JAZZ	Jazz programs
COUNTRY	Country music programs
NATION M	Programs featuring the popular music of the country or region
OLDIES	Programs featuring oldies music
FOLK M	Folk music programs
DOCUMENT	Investigative features
NONE	Any programs not defined above

# About the indications in the display



- 1 **DIGITAL:** Lights up when the receiver is decoding signals recorded in the Dolby Digital format.
- 2 **DTS:** Lights up when DTS signals are input.
- 3 **SW:** Lights up when the audio signal is output from the SUB WOOFER jack.
- 4 **Playback channel indicators:** The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound.

L (Front Left), R (Front Right), C (Center (monaural)), SL (Surround Left), SR (Surround Right), S (Surround (monaural) or the surround components obtained by Pro Logic processing))

**Example:**

Recording format (Front /Surround): 3/2  
Sound Field: A.F.D. AUTO



- 5 **Tuner indicators:** Lights up when using the receiver to tune in radio stations, etc. See pages 18–22 for tuner operations.

**Note**

“RDS” appears for models of area code CEL, CEK only.

- 6 **D.RANGE:** Lights up when dynamic range compression is activated (page 27).
- 7 **COAX:** Lights up when the source signal is a digital signal being input through the COAX terminal.

- 8 **OPT:** Lights up when the source signal is a digital signal being input through the OPT terminal.
- 9 **LFE:** Lights up when the disc being played back contains the LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
- 10 **PRO LOGIC II:** “DIGITAL PRO LOGIC II” lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. “DIGITAL PRO LOGIC II” lights up when the Pro Logic II Movie/Music decoder is activated.

**Note**

Dolby Pro Logic and Dolby Pro Logic II decoding do not function for DTS format signals.

## Enjoying Surround Sound

### Using only the front speakers and sub woofer

#### — 2CH STEREO

In this mode, the receiver outputs the sound from the front left/right speakers and sub woofer only.

When multi channel surround formats are input, the signals are downmixed to 2 channel with bass frequencies being output from the sub woofer.

When standard 2 channel stereo sources are input, the receiver's bass redirection circuitry will be activated. The front channel bass frequencies will be output from the sub woofer.

**Press SOUND FIELD + or SOUND FIELD – repeatedly to select “2CH ST.”.**

The receiver switches to the 2CH STEREO mode.

## Enjoying higher fidelity sound

### Decoding the input audio signal automatically (AUTO FORMAT DIRECT)

In this mode, the receiver automatically detects the type of audio signal being input (Dolby Digital, DTS, standard 2 channel stereo, etc.) and performs the proper decoding if necessary. This mode presents the sound as it was recorded/encoded, without adding any surround effects. However, if there are no low frequency signals (Dolby Digital LFE, etc.) it will generate a low frequency signal for output to the sub woofer.

#### **Press A.F.D.**

“A.F.D. AUTO” appears in the display.

The receiver automatically detects the type of audio signal being input and performs the proper decoding if necessary.



## Enjoying stereo sound in multi channel (2 channel decoding mode)

This mode lets you specify the type of decoding for 2 channel audio sources. This receiver can reproduce 2 channel sound in 5 channels through Dolby Pro Logic II or 4 channels through Dolby Pro Logic.

**Press  $\square$  PL/PLII repeatedly to select the 2 channel decoding mode.**

The selected type of decoding appears in the display.

### ■ DOLBY PL (PRO LOGIC)

Performs Dolby Pro Logic decoding. The source recorded in 2 channel is decoded into 4.1 channels.

### ■ PLII MOV (PRO LOGIC II MOVIE)

Performs Dolby Pro Logic II Movie mode decoding. This setting is ideal for movies encoded in Dolby Surround. In addition, this mode can reproduce sound in 5.1 channel when watching videos of overdubbed or old movies.

### ■ PLII MUS (PRO LOGIC II MUSIC)

Performs Dolby Pro Logic II Music mode decoding. This setting is ideal for normal stereo sources such as CDs.

### Tip

You can also use  $\square$  PLII on the receiver to select “DOLBY PL”, “PLII MOV” or “PLII MUS”.

### Note

Dolby Pro Logic and Dolby Pro Logic II decoding do not function for DTS format signals.

## Selecting a sound field

You can take advantage of surround sound simply by selecting one of the receiver’s pre-programmed sound fields. They bring the exciting and powerful sound of movie theaters and concert halls into your home.

## Selecting a sound field for movies

**Press SOUND FIELD + or SOUND FIELD – repeatedly to select the sound field you want.**

The selected sound field appears in the display.

Sound field	Display
CINEMA STUDIO EX A <b>DCS</b>	C.ST.EX A
CINEMA STUDIO EX B <b>DCS</b>	C.ST.EX B
CINEMA STUDIO EX C <b>DCS</b>	C.ST.EX C

## About DCS (Digital Cinema Sound)

Sound fields with **DCS** marks use DCS technology.

DCS is the concept name of the surround technology for home theater developed by Sony. DCS uses the DSP (Digital Signal Processor) technology to reproduce the sound characteristics of an actual cinema cutting studio in Hollywood.

When played at home, DCS will create a powerful theater effect that mimics the artistic combination of sound and action as envisioned by the movie director.

### ■ C.ST.EX A (CINEMA STUDIO EX A) **DCS**

Reproduces the sound characteristics of the Sony Pictures Entertainment “Cary Grant Theater” cinema production studio. This is a standard mode, great for watching most any type of movies.

### ■ C.ST.EX B (CINEMA STUDIO EX B) **DCS**

Reproduces the sound characteristics of the Sony Pictures Entertainment “Kim Novak Theater” cinema production studio. This mode is ideal for watching science-fiction or action movies with lots of sound effects.

## ■ C.ST.EX C (CINEMA STUDIO EX C) **DCS**

Reproduces the sound characteristics of the Sony Pictures Entertainment scoring stage. This mode is ideal for watching musicals or films where orchestra music is featured in the soundtrack.

### About CINEMA STUDIO EX modes

CINEMA STUDIO EX modes are suitable for watching motion picture DVDs (etc.), with multi channel surround effects. You can reproduce the sound characteristics of Sony Pictures Entertainment's dubbing studio in your home.

The CINEMA STUDIO EX modes consist of the following three elements.

- Virtual Multi Dimension  
Creates 5 sets of virtual speakers from a single pair of actual surround speakers.
- Screen Depth Matching  
Creates the sensation that the sound is coming from inside the screen like in theaters.
- Cinema Studio Reverberation  
Reproduces the type of reverberation found in theaters.

The CINEMA STUDIO EX modes integrate these three elements simultaneously.

#### Notes

- The effects provided by the virtual speakers may cause increased noise in the playback signal.
- When listening with sound fields that employ the virtual speakers, you will not be able to hear any sound coming directly from the surround speakers.

## Selecting a sound field for music

Press **SOUND FIELD +** or **SOUND FIELD –** repeatedly to select the sound field you want.

The selected sound field appears in the display.

Sound field	Display
HALL	HALL
JAZZ CLUB	JAZZ
LIVE CONCERT	CONCERT
GAME	GAME

### ■ HALL

Reproduces the acoustics of a classical concert hall.

### ■ JAZZ (JAZZ CLUB)

Reproduces the acoustics of a jazz club.

### ■ CONCERT (LIVE CONCERT)

Reproduces the acoustics of a 300-seat live house.




### ■ GAME

Obtains maximum audio impact from video game software.

## To turn off the surround effect

Press **SOUND FIELD +** or **SOUND FIELD –** repeatedly to select "2CH ST." or press **A.F.D.** to select "A.F.D. AUTO".

#### Tips

- The receiver lets you apply the last selected sound field to an input whenever it is selected (Sound Field Link). For example, if you select HALL for the DVD input, then change to a different input and then return to DVD, HALL will automatically be applied again.
- You can identify the encoding format of DVD software, etc. by looking at the logo on the package.
  -  : Dolby Digital discs
  -  : Dolby Surround encoded programs
  -  : DTS Digital Surround encoded programs

#### Note

Sound fields do not function for the signals with a sampling frequency of more than 48 kHz.

### Customizing sound fields

By adjusting the LEVEL menu, you can customize the sound fields to suit your particular listening situation.

#### Note on the displayed items

The setup items you can adjust in each menu vary depending on the sound field. Certain setup parameters may be dimmed in the display. This means that the selected parameter is either unavailable or fixed and unchangeable.

### Adjusting the LEVEL menu

You can adjust the balance and level of each speaker. These settings are applied to all sound fields except for the effect level parameter. The effect level parameter settings are stored individually for each sound field.

- 1 Start playing a source encoded with multi channel surround effects (DVD, etc.).**
- 2 Press MAIN MENU repeatedly to select “<LEVEL>”.**
- 3 Press  $\uparrow$  or  $\downarrow$  repeatedly to select the parameter you want to adjust.**  
For details, see “LEVEL menu parameters” below.
- 4 While monitoring the sound, press  $\leftarrow$  or  $\rightarrow$  repeatedly to select the setting you want.**  
The setting is entered automatically.
- 5 Repeat steps 3 and 4 to adjust the other parameters.**

### LEVEL menu parameters

The initial setting is underlined.

#### ■ BAL. L/R XX (Front speaker balance)

Initial setting: BALANCE (0)

Lets you adjust the balance between front left and right speakers. You can adjust in the range of BAL. L (+1 to +8), BALANCE (0), BAL. R (+1 to +8) in 17 steps.

#### ■ CTR XXX dB (Center speaker level)

#### ■ SUR.L. XXX dB (Surround speaker (left) level)

#### ■ SUR.R. XXX dB (Surround speaker (right) level)

#### ■ S.W. XXX dB (Sub woofer level)

Initial setting: 0 dB

You can adjust from -10 dB to +10 dB in 1 dB steps.

#### ■ COMP. XXX (Dynamic range compressor)

Lets you compress the dynamic range of the sound track. This may be useful when you want to watch movies at low volumes late at night.

- OFF  
The dynamic range is not compressed.
- STD  
The dynamic range is compressed as intended by the recording engineer.
- MAX  
The dynamic range is compressed dramatically.

#### Tip

Dynamic range compressor lets you compress the dynamic range of the soundtrack based on the dynamic range information included in the Dolby Digital signal. We recommend using the “MAX” setting. This greatly compresses the dynamic range and lets you view movies late at night at low volumes. Unlike analog limiters, the levels are predetermined and provide a very natural compression.

#### Note

Dynamic range compression is possible with Dolby Digital sources only.

#### ■ EFCT. XXX (Effect level)

Initial setting: STD

Lets you adjust the “presence” of the surround effect.

## Resetting sound fields to the initial settings

Use the buttons on the receiver for the operation.

- 1** Press **I/⏻** to turn off the power.
- 2** While holding down **SOUND FIELD**, press **I/⏻**.  
“SF. CLR.” appears in the display and all sound fields are reset to the initial setting.

## Adjusting the tone

You can adjust the tonal quality (bass, treble level) of the front speaker using the TONE menu.

- 1** Start playing a source encoded with multi channel surround effects (DVD, etc.).
- 2** Press **MAIN MENU** repeatedly to select “<TONE>”.
- 3** Press **↑** or **↓** repeatedly to select the parameter you want to adjust.  
For details, see “TONE menu parameters” below.
- 4** While monitoring the sound, press **←** or **→** repeatedly to select the setting you want.  
The setting is entered automatically.
- 5** Repeat steps 3 and 4 to adjust the other items.

### Notes

- You cannot adjust the tone when the receiver is decoding signals with a sampling frequency of more than 48 kHz.
- You also cannot adjust the tone when you select a sound field for movies and music (page 25, 26).

### TONE menu parameters

- **BASS XX dB**  
(Front speaker bass level)
- **TREB. XX dB**  
(Front speaker treble level)

Initial setting: 0 dB

You can adjust from -6 dB to +6 dB in 1 dB steps.

## Advanced settings

### Using the SET UP menu to adjust the receiver

You can adjust various receiver settings using the SET UP menu.

- 1 Press MAIN MENU repeatedly to select “<SET UP>”.**
- 2 Press  $\uparrow$  or  $\downarrow$  repeatedly to select the parameter you want to adjust.**  
For details, see “SET UP menu parameters” below.
- 3 Press  $\leftarrow$  or  $\rightarrow$  repeatedly to select the setting you want.**  
The setting is entered automatically.
- 4 Repeat steps 2 and 3 to adjust the other items.**

### SET UP menu parameters

The initial setting is underlined.

#### ■ DVD-XXXX (Audio input mode for DVD input)

Lets you select the audio input mode for DVD input.

- AUTO  
Gives priority to digital signals when there are both digital and analog connections. If there are no digital signals, analog is selected.
- OPT  
Specifies the digital audio signals input to the DIGITAL DVD OPT IN jack.
- COAX  
Specifies the digital audio signals input to the DIGITAL DVD COAX IN jack.
- ANLG  
Specifies the analog audio signals input to the DVD AUDIO IN (L/R) jacks.

#### ■ TV-XXXX (Audio input mode for TV/SAT input)

Lets you select the audio input mode for TV/SAT input.

- AUTO  
Gives priority to digital signals when there are both digital and analog connections. If there are no digital signals, analog is selected.
- OPT  
Specifies the digital audio signals input to the DIGITAL TV/SAT OPT IN jack.
- ANLG  
Specifies the the analog audio signals input to the TV/SAT AUDIO IN (L/R) jacks.

#### ■ DUAL XXX (Digital broadcast language selection)

Lets you select the language you want to listen to during digital broadcast. This feature only functions for Dolby Digital sources.

- M/S (Main/Sub)  
Sound of the main language will be output through the front left speaker and sound of the sub language will be output through the front right speaker simultaneously.
- M (Main)  
Sound of the main language will be output.
- S (Sub)  
Sound of the sub language will be output.
- M+S (Main + Sub)  
Mixed sound of both the main and sub languages will be output.

#### ■ DEC. XXXX (Digital audio input decoding priority)

Lets you specify the input mode for the digital signal input to the DIGITAL IN jacks.

The initial setting is “DEC. AUTO” for TV/SAT and “DEC. PCM” for DVD.

- AUTO  
Automatically switches the input mode between DTS, Dolby Digital, or PCM.
- PCM  
PCM signals are given priority (to prevent the interruption when playback starts). Even when other signals are input, the sound is output. However, this receiver cannot decode DTS-CD when set to “DEC. PCM”.

#### Note

When set to “DEC. AUTO” and the sound from the digital audio jacks (for CD, etc.) is interrupted when playback starts, set to “DEC. PCM”.

## Other Operations

### Using the Sleep Timer

You can set the receiver to turn off automatically at a specified time.

**1** Press **ALT** to light up the button.

**2** Press **SLEEP** while the power is on.

Each time you press **SLEEP**, the display changes cyclically as follows:

2-00-00 → 1-30-00 → 1-00-00 →  
0-30-00 → OFF

The display dims after you have specified the time.

#### **Tip**


To check the remaining time before the receiver turns off, press **ALT** to light up the button (page 31), then press **SLEEP**. The remaining time appears in the display. If you press **SLEEP** again, the sleep timer will be canceled.

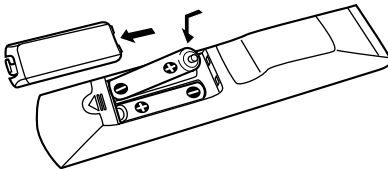
# Operations Using the Remote RM-U700

You can use the remote RM-U700 to operate the components in your system.

## Before you use your remote

### Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor  on the receiver.



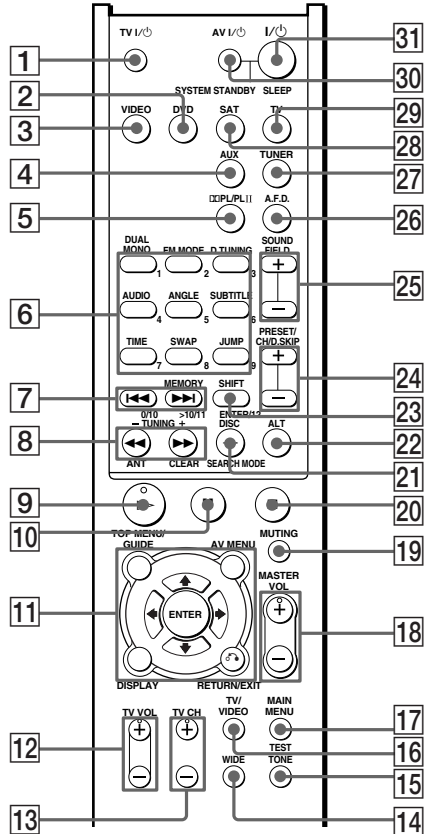
#### Tip

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

#### Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you don't use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

## Remote button description



Other Operations/Operations Using the Remote RM-U700

The tables below show the settings of each button.

Remote Button	Operations	Function
A.F.D. <a href="#">26</a>	Receiver	Selects A.F.D. AUTO.
ALT <a href="#">22</a>	Remote	When ALT button lights up, it changes the remote key function to activate those buttons with orange printing.

*continued*

Remote Button	Operations	Function
ANGLE <b>[6]</b>	DVD player	Selects viewing angle or changes the angles.
ANT <b>[8]</b>	VCR	Selects output signal from the antenna terminal: TV signal or VCR program.
AUDIO <b>[6]</b>	TV/VCR/ DVD player	Changes the sound to Multiplex or Bilingual or Multi Channel TV Sound.
AUX <b>[4]</b>	Receiver	To listen to an audio equipment.
AV MENU <b>[11]</b>	VCR/ satellite tuner/ DVD player	Displays menu.
AV I/⏻ <b>[30]</b>	TV/VCR/ CD player/ DVD player	Turns the audio and video components on or off.
CLEAR <b>[8]</b>	DVD player	Press if you make a mistake when you press the numeric button or press to return to continuous play etc.
DISC <b>[21]</b>	CD player	Selects a disc directly (multi-disc changer only).
DISPLAY <b>[11]</b>	TV/VCR/ DVD player	Selects information displayed on the TV screen.
D.TUNING <b>[6]</b>	Receiver	Enters direct tuning mode.
DUAL MONO <b>[6]</b>	Receiver	Selects the language you want during digital broadcast.
DVD <b>[2]</b>	Receiver	To watch DVD.

Remote Button	Operations	Function
ENTER <b>[11]</b>	Receiver/ VCR/ satellite tuner/ DVD player	Enters the selection.
ENTER/12 <b>[23]</b>	TV/VCR/ satellite tuner	Enters the selection.
FM MODE <b>[6]</b>	Receiver	Selects FM monaural or stereo reception.
JUMP <b>[6]</b>	TV	Toggles between the previous and the current channels.
MAIN MENU <b>[17]</b>	Receiver	Selects the menu of the receiver.
MASTER VOL +/- <b>[18]</b>	Receiver	Adjusts the master volume of the receiver.
MEMORY <b>[7]</b>	Receiver	Stores the radio stations.
MUTING <b>[19]</b>	Receiver	Mutes the sound from the receiver.
PRESET/	Receiver	Selects preset stations.
CH/D.SKIP +/- <b>[24]</b>	TV/VCR/ satellite tuner CD player/ DVD player	Selects preset channel. Skips discs (multi-disc changer only).
RETURN/ EXIT/⏪ <b>[11]</b>	DVD player Satellite tuner	Returns to the previous menu or exits the menu. Exits the menu.
SAT <b>[28]</b>	Receiver	To watch satellite tuner.
SEARCH MODE <b>[21]</b>	DVD player	Selects searching mode. Press to select the unit for search (track, index, etc.)









Remote Button	Operations	Function
SHIFT <b>23</b>	Receiver	Selects a memory page for presetting radio stations or tuning to preset stations.
SLEEP <b>31</b>	Receiver	Activates the sleep function and the duration which the receiver turns off automatically.
SOUND FIELD +/- <b>25</b>	Receiver	Selects sound fields.
SUBTITLE <b>6</b>	DVD player	Changes the subtitles.
SWAP* <b>6</b>	TV	Swaps the small and large picture.
SYSTEM STANDBY (Press AV I/⏻ <b>30</b> and I/⏻ <b>31</b> at the same time)	Receiver/ TV/VCR/ satellite tuner/ CD player/ DVD player	Turns off the receiver and other Sony audio/video components.
TEST TONE <b>15</b>	Receiver	Outputs test tone.
TIME <b>6</b>	CD player/ DVD player	Shows the time or displays the playing time of disc, etc.
TOP MENU/ GUIDE <b>11</b>	DVD player Satellite tuner	Displays DVD title. Displays guide menu.
TUNER <b>27</b>	Receiver	To listen to radio programs.
TUNING +/- <b>8</b>	Receiver	Scans radio stations.
TV <b>29</b>	Receiver	To watch TV programs.
TV CH +/- <b>13</b>	TV	Selects preset TV channels.

\* Only for Sony TVs with the picture-in-picture function.

Remote Button	Operations	Function
TV/VIDEO <b>16</b>	TV	Selects input signal: TV input or video input.
TV VOL +/- <b>12</b>	TV	Adjusts the volume of the TV.
TV I/⏻ <b>1</b>	TV	Turns the TV on or off.
VIDEO <b>3</b>	Receiver	To watch VCR.
WIDE <b>14</b>	TV	Selects the wide picture mode.
1-9 <b>6</b> and 0/10 <b>7</b>	Receiver	Use with SHIFT to preset radio station or tuning to preset stations and with D.TUNING for direct tuning.
	CD player	Selects track numbers. 0/10 selects track 10.
	TV/VCR/ satellite tuner	Selects channel numbers.
>10/11 <b>7</b>	CD player	Selects track numbers over 10.
-/- <b>21</b>	TV	Selects the channel entry mode, either one or two digit.
I/⏻ <b>31</b>	Receiver	Turns the receiver on or off.
DOLBY/PLII <b>5</b>	Receiver	Selects DOLBY PL, PLII MOV or PLII MUS.
⬆/⬇ <b>11</b>	Receiver	Selects a menu item.
⬅/➡ <b>11</b>	Receiver	Adjusts or changes the setting.
⬆/⬇/⬅/➡ <b>11</b>	VCR/ satellite tuner/ DVD player	Selects a menu item. Press to enter the selection.

continued

Remote Button	Operations	Function
	VCR/ CD player/ DVD player	Skips tracks.
	CD player/ DVD player	Searches tracks in the forward or backward direction.
	VCR	Fastforwards or rewinds.
	VCR/ CD player/ DVD player	Starts playback.
	VCR/ CD player/ DVD player	Pauses playback or record. (Also starts recording with components in recording standby.)
	VCR/ CD player/ DVD player	Stops playback.

### Notes

- The AUX button on the remote is not available for receiver operation.
- When you press the input buttons (VIDEO, DVD), the input mode of the TV might not switch to the corresponding input mode that you want. In this case, press the TV/VIDEO button to switch the input mode of the TV.
- To activate the buttons with orange printing, press ALT first before pressing the buttons.
- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component the above operation may not be possible or may operate differently than described.
- The DISPLAY button on the remote is available for TUNER input only (Models of area code CEL, CEK only).

## Changing the factory setting of an input button

If the factory settings of the input buttons do not match your system components, you can change them. For example, if you have a CD player and you do not have a DVD player, you can assign the DVD button to your CD player.

**1 Hold down the input button whose input you want to change (for example, DVD).**

**2 Press the corresponding button of the component you want to assign to the input button (for example, 1 – CD player).**

The following buttons are assigned to select the input:

To operate	Press
CD player	1
VCR (command mode VTR 2*)	2
VCR (command mode VTR 3*)	3
DVD player	4
TV	5
DSS (Digital Satellite Receiver)	6
Tuner (this receiver)	7
DCS (Digital CS Tuner)	8
BSD (Digital BS Tuner)	9
Tuner (Component tuner)	0/10

\*Sony VCRs are operated with a VTR 2 or 3 setting. These correspond to 8mm and VHS respectively.

Now you can use the DVD button to control the CD player.

### To reset a button to its factory setting

Repeat the above procedure.

### To reset all the input buttons to their factory setting

Press I/⏻, AV I/⏻ and MASTER VOL – at the same time.

## Additional Information

### 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 with 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, 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. To disconnect the AC power cord, grasp the plug itself; never pull the cord.
- AC power cord must be changed only at the qualified service shop.

#### 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 receiver in a location with adequate ventilation to prevent heat buildup and prolong the life of the receiver.
- Do not place the receiver 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 receiver or speakers 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.

#### If you encounter color irregularity on a nearby TV screen

The speakers and the sub woofer are 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 once, then turn it on again after 15 to 30 minutes.

#### If color irregularity is observed again...

Place the speaker further away from the TV set.

#### If howling occurs

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

#### 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.

## Troubleshooting

If you experience any of the following difficulties while using the receiver, use this troubleshooting guide to help you remedy the problem.

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

- Check that the speakers and components are connected securely and correctly.
- Check that both the receiver and all components are turned on.
- Check that you have selected the correct component on the receiver.
- Check that MASTER VOLUME on the receiver is not set at “VOL MIN”.
- Press MUTING to cancel the muting function.

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### **There is no sound from a specific component.**

- Check that the component is connected correctly to the audio input jacks for that component.
- Check that the cord(s) used for the connection is (are) fully inserted into the jacks on both the receiver and the component.
- Check that you have selected the correct component on the receiver.

---

### **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 cord(s) used for the connection is (are) fully inserted into the jacks on both the receiver and the component.

---

### **The left and right sounds are unbalanced or reversed.**

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

---

### **There is severe hum or noise.**

- Check that the speakers and components are connected securely.
- Check that the connecting cords are away from a transformer or motor, and at least 3 meters away from a TV set or fluorescent light.
- Move your TV away from the audio components.
- The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol.

---

### **There is no sound or only a very low-level sound is heard from the center or/and surround speakers.**

- Make sure the sound field function is on (press SOUND FIELD + or SOUND FIELD -).
- Select a CINEMA STUDIO EX mode (page 25).
- Adjust the speaker level (page 17).

---

### **There is no sound from the sub woofer.**

- Check that the sub woofer is connected correctly and securely.

---

### **The surround effect cannot be obtained.**

- Make sure the sound field function is on (press SOUND FIELD + or SOUND FIELD -).
- Sound fields do not function for the signals with a sampling frequency of more than 48 kHz.

---

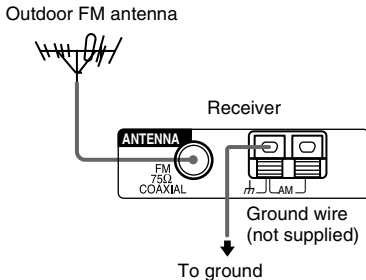
### **Dolby Digital or DTS multi channel sound is not reproduced.**

- 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 receiver, check the audio setting (settings for the audio output) of the connected component.

---

### The FM reception is poor.

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



---

### Radio stations cannot be tuned in.

- Check that the antennas are connected securely. Adjust the antennas and connect an external antenna if necessary.
- The signal strength of the stations is too weak (when tuning in with automatic tuning). Use direct tuning.
- Make sure you set the tuning interval correctly (when tuning in AM stations with direct tuning).
- No stations have been preset or the preset stations have been cleared (when tuning by scanning preset stations). Preset the stations (page 20).

---

### RDS does not work.\*

- Make sure that you are tuned to an FM RDS station.
- Select a stronger FM station.

---

### The RDS information that you want does not appear.\*

- Contact the radio station and find out whether they actually provide the service in question. If so, the service may be temporarily out of order.

---

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

- Select the appropriate input on the receiver.
- Set your TV to the appropriate input mode.
- Move your TV away from the audio components.

---



\* Models of area code CEL, CEK only.

---

## Remote control

---

### The remote does not function.

- The AUX button on the remote is not available for receiver operation.
- The DISPLAY button on the remote is available for TUNER input only.\*
- Point the remote at the remote sensor  on the receiver.
- Remove any obstacles in the path between the remote and the receiver.
- Replace all the batteries in the remote with new ones, if they are weak.
- Make sure you select the correct input on the remote.
- To activate the buttons with orange printing, press ALT first before pressing the buttons.
- Before you use the  button for receiver operation, press MAIN MENU. To operate other components, press TOP MENU/GUIDE or AV MENU after pressing the function button.

---

\* Models of area code CEL, CEK only.

---

### Error message

If there is a malfunction, the display shows a message.

---

#### PROTECT

Irregular current is output from the speakers. The receiver will automatically turn off after a few seconds. Check the speaker connection and turn on the power again. If this problem persists, consult your nearest Sony dealer.

## If you are unable to remedy the problem using the troubleshooting guide

Clearing the receiver's memory may remedy the problem (page 14). However, note that all memorized settings will be reset to their factory settings and you will have to readjust all settings on the receiver.

## If the problem persist

Consult your nearest Sony dealer.

## Reference sections for clearing the receiver's memory

To clear	See
All memorized settings	page 14
Customized sound fields	page 28

# Specifications

## Amplifier section

Power Output

Models of area code CEL, CEK

(6 ohms 1 kHz, THD 0.7%)<sup>1)</sup>

FRONT<sup>2)</sup>: 40 W/ch

CENTER<sup>2)</sup>: 40 W

SURR<sup>2)</sup>: 40 W/ch

(6 ohms 1 kHz, THD 10%)<sup>1)</sup>

FRONT<sup>2)</sup>: 60 W/ch

CENTER<sup>2)</sup>: 60 W

SURR<sup>2)</sup>: 60 W/ch

Models of area code AU

(6 ohms 120 Hz–20 kHz, THD 0.09%)<sup>1)</sup>

FRONT<sup>2)</sup>: 35 W/ch

CENTER<sup>2)</sup>: 35 W

SURR<sup>2)</sup>: 35 W/ch

(6 ohms 1 kHz, THD 0.7%)<sup>1)</sup>

FRONT<sup>2)</sup>: 40 W/ch

CENTER<sup>2)</sup>: 40 W

SURR<sup>2)</sup>: 40 W/ch

(6 ohms 1 kHz, THD 10%)<sup>1)</sup>

FRONT<sup>2)</sup>: 60 W/ch

CENTER<sup>2)</sup>: 60 W

SURR<sup>2)</sup>: 60 W/ch

Models of area code CN

(6 ohms 1 kHz, THD 0.7%)<sup>1)</sup>

FRONT<sup>2)</sup>: 40 W/ch

CENTER<sup>2)</sup>: 40 W

SURR<sup>2)</sup>: 40 W/ch

(6 ohms 1 kHz, THD 10%)<sup>1)</sup>

FRONT<sup>2)</sup>: 60 W/ch

CENTER<sup>2)</sup>: 60 W

SURR<sup>2)</sup>: 60 W/ch

(6 ohms 1 kHz, THD 0.7%)<sup>3)</sup>

FRONT<sup>2)</sup>: 37 W/ch

CENTER<sup>2)</sup>: 37 W

SURR<sup>2)</sup>: 37 W/ch

(6 ohms 1 kHz, THD 10%)<sup>3)</sup>

FRONT<sup>2)</sup>: 55 W/ch

CENTER<sup>2)</sup>: 55 W

SURR<sup>2)</sup>: 55 W/ch

1) Measured under the following conditions:

Area code	Power requirements
CEL, CEK, CN	230 V AC, 50 Hz
AU	240 V AC, 50 Hz

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

3) Measured under the following conditions:

Area code	Power requirements
CN	220 V AC, 50 Hz

Inputs (Analog)

TV/SAT, DVD, VIDEO	Sensitivity: 500 mV Impedance: 50 kilohms
--------------------	--

Inputs (Digital)

DVD (Coaxial)	Sensitivity: – Impedance: 75 ohms
---------------	--------------------------------------

DVD, TV/SAT (Optical)	Sensitivity: – Impedance: –
-----------------------	--------------------------------

Outputs (Analog)

SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms
------------	--------------------------------------

Reproduction frequency range:  
28 – 20,000 Hz

Tone

Gain levels	±6 dB, 1 dB step
-------------	------------------

### FM tuner section

Tuning range	87.5 - 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced
Intermediate Frequency	10.7 MHz

### AM tuner section

Tuning range	
Models of area code CEL, CEK, AU, CN	
With 9-kHz tuning scale:	531 - 1,602 kHz
Antenna	Loop antenna
Intermediate Frequency	450 kHz

### Video section

Inputs/Outputs	
Video:	1 Vp-p, 75 ohms

## General

Power requirements

Area code	Power requirements
CEL, CEK	230 V AC, 50/60 Hz
AU	240 V AC, 50 Hz
CN	220 – 230 V AC, 50/60 Hz

Power consumption

Area code	Power consumption
CEL, CEK, AU, CN	170 W

Power consumption (during standby mode)  
0.3 W

Dimensions (w/h/d) (Approx.)

STR-KSL700	430 × 352 × 64 mm
STR-KSL600	430 × 352 × 66 mm
STR-KSL500	430 × 352 × 64 mm including projecting parts and controls

Mass (Approx.) 5.5 kg

## Speaker section

### Front speakers

- HT-SL800/HT-SL700 (SS-SLP701)
- HT-SL600/HT-SL500 (SS-MSP501)

### Center speaker (SS-CNP501)

### Surround speakers (SS-MSP501)

Speaker system Full range, magnetically shielded

Speaker units

SS-SLP701	40 × 70 mm cone type
SS-MSP501/SS-CNP501	55 × 110 mm cone type
Enclosure type	Bass reflex
Rated Impedance	6 ohms
Dimension (w/h/d) (Approx.)	
SS-SLP701	246 × 1053 × 246 mm
SS-CNP501	280 × 82 × 106 mm
SS-MSP501	76 × 162 × 106 mm

Mass (Approx.)

SS-SLP701	4.0 kg
SS-MSP501	0.8 kg
SS-CNP501	1.0 kg

## Sub woofer

- HT-SL800/HT-SL600 (SA-WMSP601)

- HT-SL700/HT-SL500 (SA-WMSP501)

Speaker system	Active subwoofer, magnetically shielded
Speaker unit	200 mm cone type
Enclosure type	Acoustically loaded bass reflex
RMS output	
SA-WMSP601	175 W (5 ohms, 100 Hz, 10% THD)
SA-WMSP501	120 W (6 ohms, 100 Hz, 10% THD)
Frequency range:	30 Hz – 200 Hz
Input	LINE IN (input pin jacks)

### Power requirements

Area code	Power requirements
CEL, CEK, AU, CN	230 V AC, 50/60 Hz

### Power consumption

SA-WMSP601	120 W
SA-WMSP501	95 W

### Dimensions (w/h/d) (Approx.)

SA-WMSP601/SA-WMSP501	270 × 325 × 398 mm including front panel
-----------------------	--

### Mass (Approx.)

SA-WMSP601	10 kg
SA-WMSP501	9 kg

## Supplied accessories

- FM wire antenna (1)
- AM loop antenna (1)
- Speaker connecting cord (5)
- Monaural connecting cord (1)
- Coaxial digital cord (1)
- Foot pads (speakers)
- HT-SL800/HT-SL700 (12)
- HT-SL600/HT-SL500 (20)
- Foot pads (subwoofer) (4)
- Remote commander (1)
- R6 (size-AA) batteries (2)
- Speakers
- Front speakers (2)
- Center speaker (1)
- Surround speakers (2)
- Sub woofer (1)

For details on the area code of the component you are using, see page 3.

Design and specifications are subject to change without notice.





## HT-SL800 and HT-SL600 only

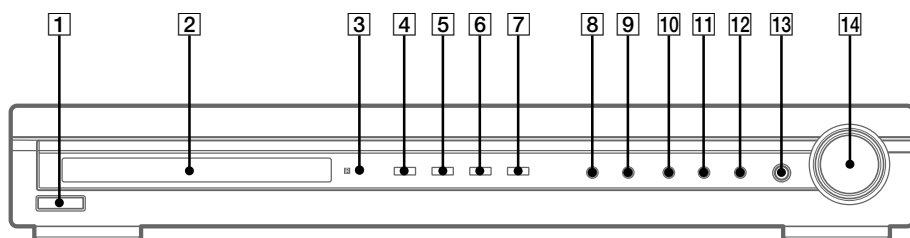
### ALPHABETICAL ORDER

Display **2** (21)  
DVD (indicator) **5** (18)  
INPUT SELECTOR **13** (18, 19,  
20)  
IR (receptor) **3** (31, 37)  
MASTER VOLUME **14** (17, 18,  
36)

MUTING **12** (18, 36)  
PRESET TUNING + **9** (20)  
PRESET TUNING - **8** (20)  
SOUND FIELD **11** (28)  
TUNER (indicator) **7** (18)  
TV/SAT (indicator) **6** (18)  
VIDEO (indicator) **4** (18)

### NUMBERS AND SYMBOLS

I/⏻ (power) **1** (14, 17, 19)  
□ □ PLII **10** (25)



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## 警告

为防发生火灾或触电危险，请勿让本装置淋雨或受潮。

为防火灾，请勿让报纸、桌布、窗帘等盖住装置的通风孔。也不可在装置上点放蜡烛。

为防火灾或触电危险，不可在装置上摆饰花瓶等装满液体的物体。

不要把机器安装在诸如书橱或壁橱等狭隘不通风的地方。



不要将电池与一般家用废弃物一起处理；请将其按化学废弃物正确处理。

欧洲的顾客除外



ENERGY STAR® 是一美国的注册商标。作为 ENERGY STAR® 的合作伙伴之一，Sony Corporation 已确定此产品符合 ENERGY STAR® 能量效率的标准。

上海索广电子有限公司  
上海市 闵行区 剑川路 930 号

## 关于本说明书

- 本说明书是用于说明 HT-SL800, HT-SL700, HT-SL600 和 HT-SL500 型号。请查看本机前面板的右下角以查对您机器的型号。本说明书中以区域码 CEL 的 HT-SL500 型号作为插图, 除非另有说明。
- 本说明书详细说明遥控器的控制按钮。您也可用接收机的控制按钮, 如果它与遥控器的控制按钮具有相同或类似的名称。有关使用遥控器的详情, 请参看第 1-4 页。

### HT-SL800 包含 :

- 接收机 STR-KSL600
- 扬声器系统
  - 前扬声器 SS-SLP701
  - 中央扬声器 SS-CNP501
  - 环绕扬声器 SS-MSP501
  - 超低音扬声器 SA-WMSP601

### HT-SL700 包含 :

- 接收机 STR-KSL700
- 扬声器系统
  - 前扬声器 SS-SLP701
  - 中央扬声器 SS-CNP501
  - 环绕扬声器 SS-MSP501
  - 超低音扬声器 SA-WMSP501

### HT-SL600 包含 :

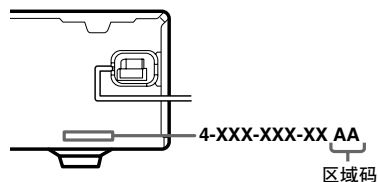
- 接收机 STR-KSL600
- 扬声器系统
  - 前 / 环绕声扬声器 SS-MSP501
  - 中央扬声器 SS-CNP501
  - 超低音扬声器 SA-WMSP601

### HT-SL500 包含 :

- 接收机 STR-KSL500
- 扬声器系统
  - 前 / 环绕声扬声器 SS-MSP501
  - 中央扬声器 SS-CNP501
  - 超低音扬声器 SA-WMSP501

### 关于区域码

您所购买接收机的区域码标示在后面板的下部 (参看下图)。



因区域码不同而造成操作上的任何异同, 都将在本文中作清楚的指示, 例如, “仅限区域码 AA 的型号”。

本接收机装配有 Dolby\* Digital 和 Pro Logic Surround, 以及 DTS\*\* 数位环绕系统。

\* 由 Dolby Laboratories 授权制造。“Dolby”, “Pro Logic” 和双 D 标志是 Dolby Laboratories 的商标。

\*\* “DTS” 和 “DTS Digital Surround” 是 Digital Theater Systems, Inc. 的注册商标。

CS

## 附带遥控器的注意事项

供 RM-U700

遥控器的 AUX 按钮对接收机操作不起作用。

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## 准备启用

## 1: 检查如何连接您的组成机

第 3 页起的步骤 1a 到 1b 说明如何将您的组成机连接到本接收机。进行连接工作之前，请先参考以下“可连接的组成机”部分以获取详述如何连接各组成机的页数。

连接好所有的组成机之后，请进行“2: 连接天线”（第 6 页）。

## 可连接的组成机

可连接的组成机	页数
DVD 播放机	
带数码音频输出 <sup>a)</sup>	3-4
仅带模拟音频输出 <sup>b)</sup>	3-4
电视机监视器	
仅带复合视频输入	4, 5
卫星调谐器	
带数码音频输出 <sup>a)</sup>	3
仅带模拟音频输出 <sup>b)</sup>	3
录像机	5

a) 带 DIGITAL OPTICAL OUTPUT 或 DIGITAL COAXIAL OUTPUT 插孔等的型号。

b) 仅配备有 AUDIO OUT L/R 插孔等的型号。

## 须用导线

接下各页的连接图须使用下列选购的连接导线（**A**至**E**）（无附带，除非有说明）。

### **A** 音频导线

白色（左）  
红色（右）



### **B** 声频 / 视频导线

黄色（视频）  
白色（左 / 声频）  
红色（右 / 声频）



### **C** 视频导线

黄色



### **D** 光学数码导线



### **E** 同轴数码导线（附带）

橙色



### 注

- 要进行任何连接以前，必须先关掉所有组成机的电源。
- 请稳固连接以免产生交流哼声和噪音。
- 连接声 / 视频导线时，导线的色码管脚务必对准组成机上相应的插孔：黄色（视频）对黄色；白色（左，声频）对白色；和红色（右，声频）对红色。
- 当您连接光学数码导线时，请插入导线插头直至妥善就位。
- 请别弯折或打结光学数码导线。

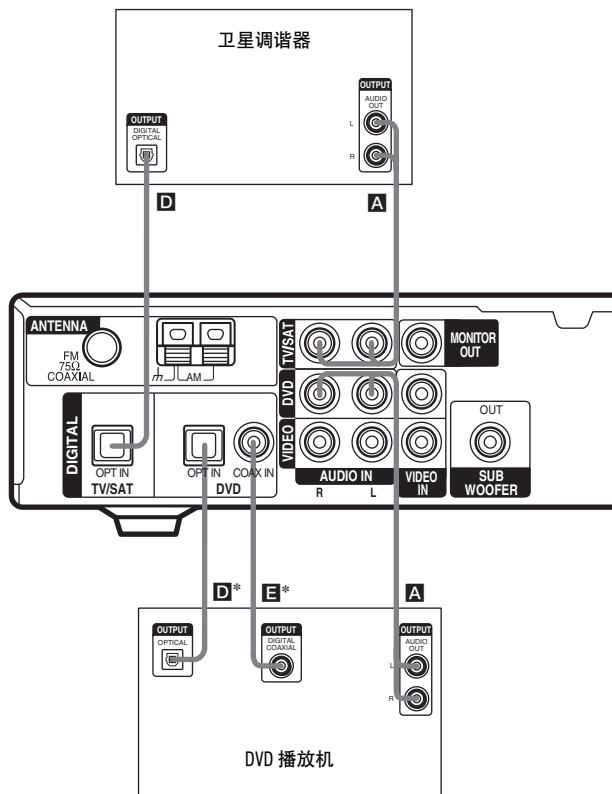


# 1a : 连接带数码声频输出插孔的组成机

## 连接 DVD 播放机或卫星调谐器

有关须用导线（**A-E**）的详细内容，参看第 2 页。

### 1 连接音频插孔。

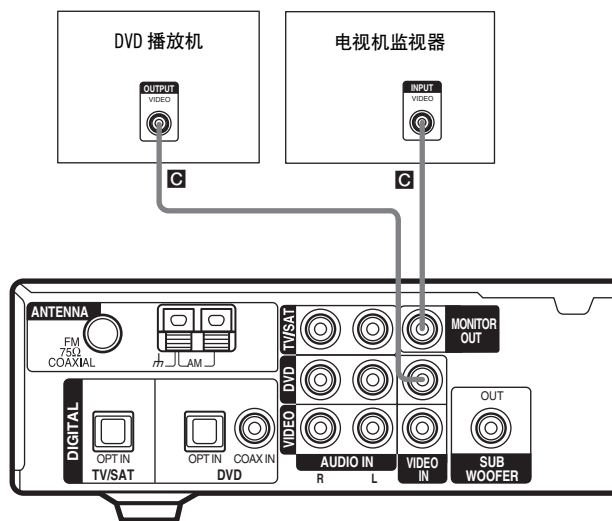


\* 请连接至 COAX IN 或 OPT IN 插孔。我们建议您连接至 COAX IN 插孔。

#### 提示

所有的数码声频插孔皆兼容于 32 kHz, 44.1 kHz, 48 kHz 和 96 kHz 取样频率。

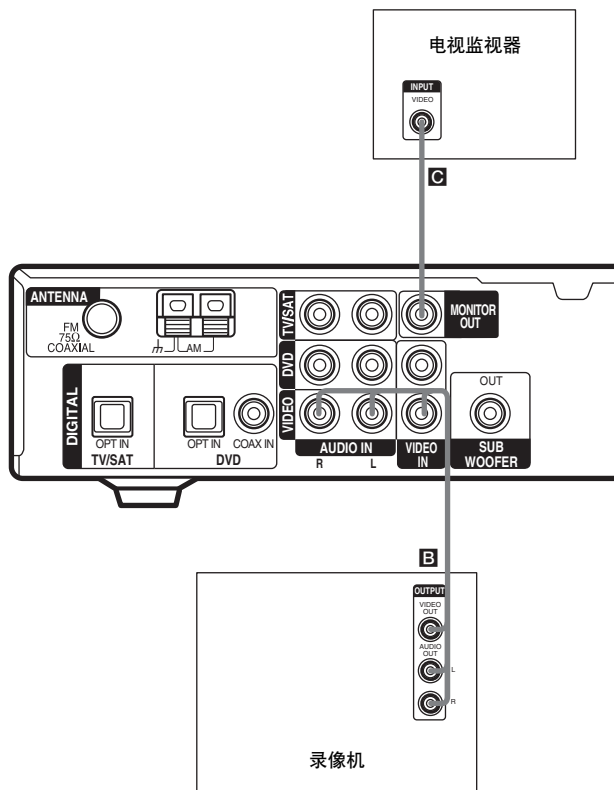
## 2 连接视频插孔。



## 1b : 连接仅带模拟音频插孔的组成机

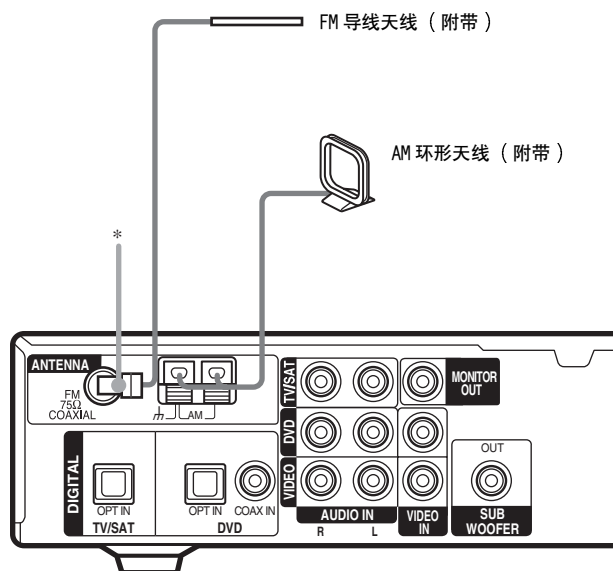
### 连接视频组成机

如果把电视机连接至 MONITOR OUT 插孔，您可从所选输入观看图像（第 1 页）。有关须用导线（**A-E**）的详细内容，参看第 2 页。



## 2：连接天线

连接附带的 AM 环形天线和 FM 导线天线。



\* 连接器的形状因区域码而异。

注

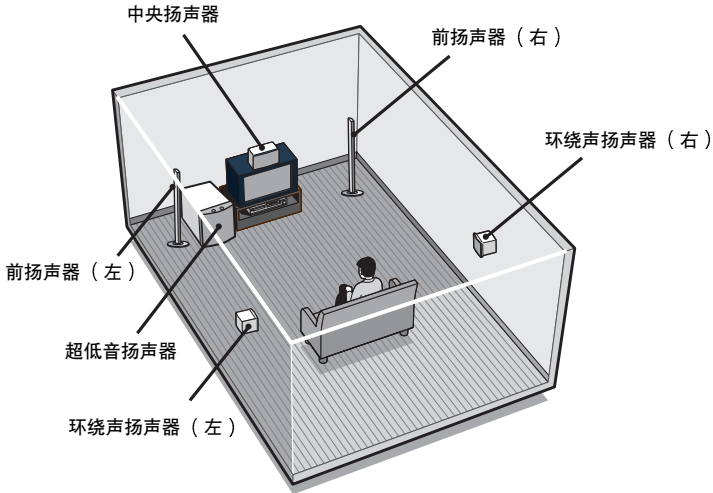
- 为防拾取到噪音，请将 AM 环形天线远离接收机和其他组成机。
- 务必充分展开 FM 导线天线。
- 连接 FM 导线天线之后，请尽可能让它保持平直。

## 3 : 连接扬声器

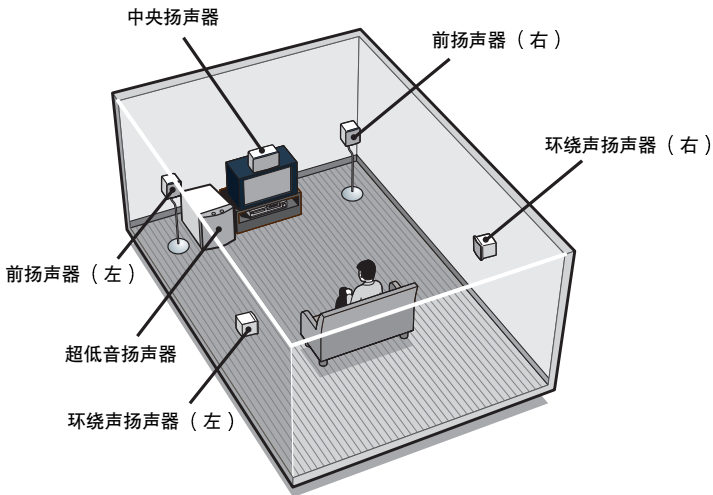
把扬声器连接至接收机。此接收机可让您用 5.1 声道的扬声器系统。为能享受类似电影院的多声道环绕声效果，您必须使用 5 个扬声器（两个前扬声器，一个中央扬声器和两个环绕声扬声器）和一个超低音扬声器（5.1 声道）。

### 5.1 声道扬声器系统配置举例

仅 HT-SL800/HT-SL700



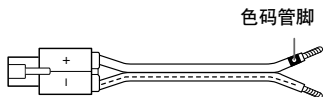
仅 HT-SL600/HT-SL500



## 须用导线

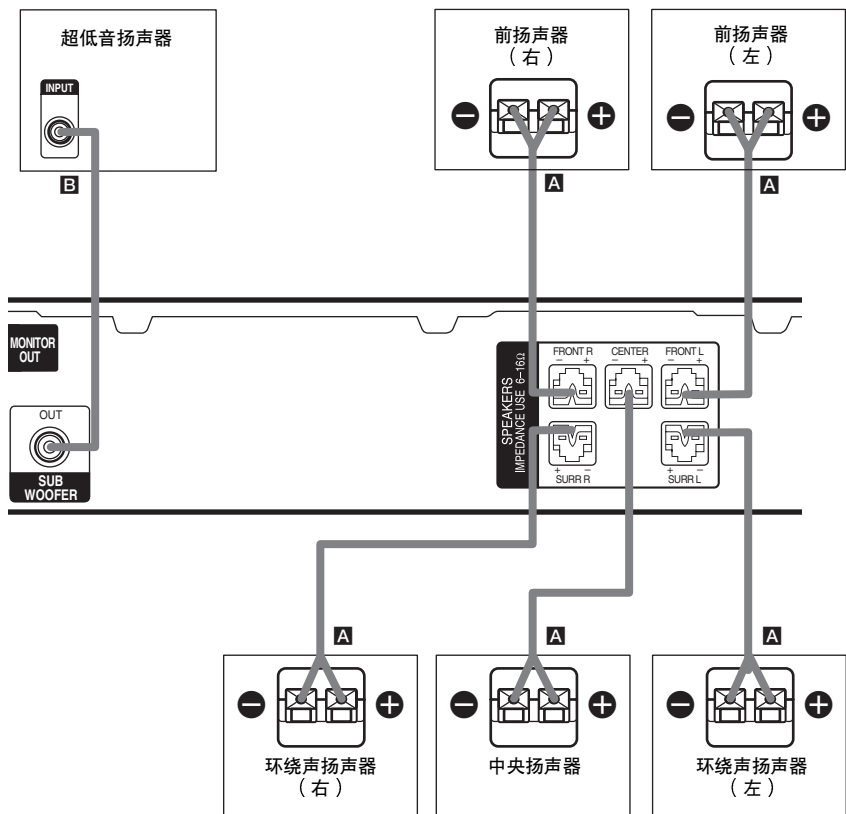
### A 扬声器导线 (附带)

扬声器导线的连接器和色码管脚与即将连接的扬声器端子的颜色一样。



### B 单声道音频导线 (附带)

黑色



注

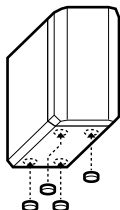
在连接扬声器以前，请将颜色标签附置于扬声器以便您能辨认即将连接的扬声器。

**提示**

- 因为超低音扬声器不发射高方向性信号，因此，您可随意将它安置在任何位置。
- (HT-SL800/HT-SL700 的前扬声器除外) 若想更灵活地改变扬声器的位置，请使用选购的 WS-FV11 或 WS-FV10D 地面支架（仅在某些国家有售）。

**安装脚垫**

(HT-SL800/HT-SL700 的前扬声器除外)  
为避免扬声器震动或移动，请按下图所示将附带的脚垫装于扬声器。

**注**

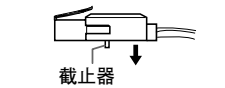
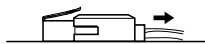
请确保也将附带的脚垫安装于超低音扬声器。

**要更换扬声器导线时**

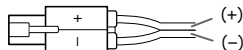
若您要更换扬声器导线，您可将附带的扬声器导线自连接器拔出。

**1 在平坦表面按压连接器。**

请确保截止器朝向平坦表面。

**2 自连接器拉出扬声器导线。****3 扭曲您所扬扬声器导线带条纹的一端约 10 毫米，并将扬声器导线插入连接器。**

请确保您已对准端子插入扬声器导线：  
+ 对 + 及 - 对 -。否则声音将会失真及缺乏低音。

**4 自平坦表面拆卸连接器。****注**

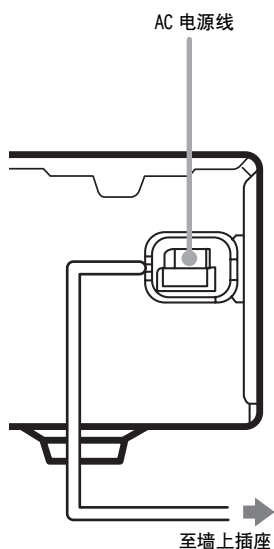
为免扬声器导线自扬声器连接器脱落。

- 请勿用尺寸较小的扬声器导线。我们建议您使用 AWG#18 至 AWG#24 的扬声器导线。
- 使用尺寸相同的扬声器导线于所有的扬声器连接器。
- 扭曲扬声器导线带条纹的一端。
- 将扬声器导线妥善地插入扬声器连接器。

## 4：连接 AC 电源线

### 连接 AC 电源线

连接 AC 电源线至墙上插座。



### 执行初始设定操作

首次使用接收机时，请先执行下列操作以初始化接收机。

此操作程序也用于将所作设定恢复其工厂内定预设。用接收机上的按钮来进行操作。

**1** 按  $I/O$  以关掉接收机电源。

**2** 按住  $I/O$  5 秒钟。

“INITIAL” 出现于显示器。

以下各项将被重设回工厂设定。

- SET UP, LEVEL 和 TONE 菜单中的所有设定。
- 各输入和预设电台的储存声场。
- 所有的声场参数。
- 所有的预设电台。
- MASTER VOLUME 被设定为 “VOL MIN”。



## 5 : 设定扬声器

您可用 SET UP 菜单来设定连接至此接收机的扬声器的距离和位置。

- 1 按 I/⏻ 以打开接收机电源。
- 2 反复按 MAIN MENU 以选择 “<SET UP>”。
- 3 反复按 ▲ 或 ▼ 以选择您要调整的参数。  
有关详情，请参看下文“扬声器设定参数”部分。  
**注**  
某些扬声器设定项目的显示可能模糊不清。这是因为其他扬声器的设定导致它们被自动调整，或可能无法调整。
- 4 反复按 ◀ 或 ▶ 以选择您要的设定。  
设定即自动地被输入。
- 5 重复步骤 3 和 4 直至设定完随后的所有项目。

### 扬声器设定参数

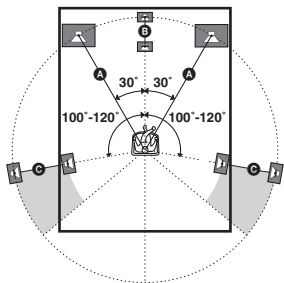
下划线的是初始设定。

#### ■ DIST. X.X m (前扬声器距离)

初始设定: 3.0 m

用于设定从您的聆听位置到前扬声器 (A) 的距离。您可用 0.1 米步进在 1.0 和 7.0 米之间的范围内调节。

如果两个前扬声器与聆听位置的距离不相等，请设定最接近的扬声器的距离。



#### ■ DIST. X.X m (中央扬声器距离)

初始设定: 3.0 m

用于设定从您的聆听位置到中央扬声器的距离。中央扬声器的距离必须与前扬声器 (A) 的距离一样；即 1.5 米更接近您的聆听位置 (B)。

#### ■ DIST. X.X m (环绕声扬声器距离)

初始设定: 3.0 m

用于设定从您的聆听位置到环绕声扬声器的距离。环绕声扬声器的距离必须与前扬声器 (A) 的距离一样；即 4.5 米更接近您的聆听位置 (C)。如果两个环绕声扬声器与聆听位置的距离不相等，请设定最接近的扬声器的距离。

#### 提示

接收机可让您按照距离输入扬声器的位置。然而，您不能把中央扬声器设定得更远于前扬声器。中央扬声器也不能设定在 1.5 米以上更接近于前扬声器。

同样的，环绕声扬声器不可设置在比前扬声器更远于聆听位置。而且，它们不可被放置在超过 4.5 米更接近聆听位置。

这是因为错误放置扬声器将使你无法充分享受环绕声效果。

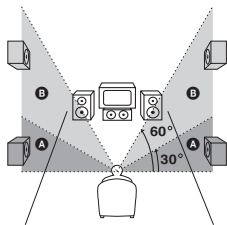
请注意，扬声器的距离设定如果近过扬声器的实际位置，则来自扬声器的音响将会被延迟。换言之，扬声器好像从更远的位置放出声音。

例如，把中央扬声器的距离设定得比实际的扬声器位置近 1 - 2 米时，将制造相当逼真的“在屏幕里面”的感觉。如果因为环绕声扬声器太靠近而得不到满意的环绕声效果，您可以把环绕声扬声器的距离设定为比实际距离接近（较短距离），如此即可产生较大声级。

一边聆听音响一边调节这些参数将带给您更佳的环境声效果。不妨试试！

#### ■ PL. XXXX (环绕声扬声器的放置)

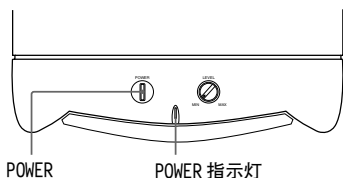
可让您指定环境声扬声器的高度以使 Cinema Studio EX 模式发挥最佳的环境声效果（第 2 页）。



- LOW  
请选择此项，如果环绕声扬声器的高度相应于 (A) 部分。
- HIGH  
请选择此项，如果环绕声扬声器的高度相应于 (B) 部分。

## 6：设定超低音扬声器

### 收听超低音扬声器

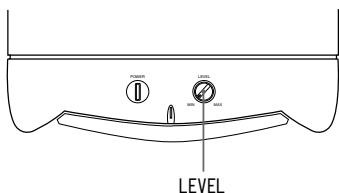


在播放节目来源之前，请将接收机的音量调到最低。

- 1 打开接收机电源。
- 2 按输入按钮（如 DVD）选择节目来源（如 DVD 播放机）。  
注  
您也可用接收机的 INPUT SELECTOR 以选择节目源。
- 3 按超低音扬声器上的 POWER。  
超低音扬声器上的 POWER 指示灯亮起。
- 4 播放节目来源。

### 调节等级

对系统稍作调整能增加声音所带来的乐趣。



转动 LEVEL 调节音量。

根据节目来源设定最适合您的音量等级。

注

切勿将超低音扬声器的音量调到最大。可能会听到外来噪音。

## 7：调节扬声器的电平和平衡

### — TEST TONE

从您的聆听位置一边听测试音时一边进行调节扬声器的电平和平衡。

提示

本接收机应用以 800 Hz 频率为中心的测试音。

- 1 按 I/⏻ 以打开接收机电源。
- 2 按 TEST TONE。  
“T.TONE” 出现于显示器，测试音则逐一从各扬声器顺序输出。  
前（左）→ 中央 → 前（右）→ 环绕声（右）→ 环绕声（左）→ 超低音扬声器
- 3 用 LEVEL 菜单调节扬声器的电平和平衡，以便来自各扬声器的测试音水平听起来一样。  
有关 LEVEL 菜单设定的详细内容，参看第 1 页。  
提示  
• 要同时调节所有扬声器的电平时，请按遥控器上的 MASTER VOL +/- 或旋转接收机上的 MASTER VOLUME。  
• 已调节的数值将在进行调整时出现于显示器。
- 4 调节后再按一次 TEST TONE。  
测试音即关闭。

## 放大器操作

## 选择组成机

- 1 按接收机的 INPUT SELECTOR 以选择您要使用的组成机。

要选择	亮起
录像机	VIDEO
DVD 播放机	DVD
卫星调谐器	TV/SAT
内置调谐器 (FM/AM)	TUNER

- 2 打开组成机电源以开始播放。

## 注

如果您选择录像机或 DVD 播放机，请设定电视机的视频输入以符合您选取的组成机。

- 3 转动接收机的 MASTER VOLUME 以调节音量。

## 注

为免损坏扬声器，在关闭接收机以前请先调低音量。

## 要消音时

按 MUTEING。

静音功能将被取消，当您：

- 再按一次 MUTEING。
- 关掉电源。
- 调高音量。

## 收听 FM/AM 无线电广播

您可通过内置调谐器收听 FM 和 AM 无线电广播。在接收广播电台以前，务必将 FM 和 AM 天线连接至接收机（参看第 6 页）。

## 提示

如下表所示，调谐度盘将随区域码而异。有关区域码的详情，参看第 2 页。

区域码	FM (调频)	AM (调幅)
CEL, CEK, AU, CN	50 kHz	9 kHz

## 自动调谐

如果您不知道所要收听电台的频率，您可让接收机扫描当地所有的电台。

- 1 反复按 TUNER 以选择 FM 或 AM 波段。  
最后接收的电台即被调入。

## 提示

您也可用接收机的 INPUT SELECTOR。

- 2 按 TUNING + 或 TUNING -。

按 TUNING + 以从低向高扫描；

按 TUNING - 以从高向低扫描。

当接收到电台时，接收机即停止扫描。

## 提示

如果“STEREO”闪烁于显示器而 FM 立体声接收欠佳时，请按 FM MODE 以更换至单声道 (MONO)。您将无法享受立体声效果，但声音不会过于失真。要返回立体声模式时，请再按一次 FM MODE。

## 直接调谐

您可直接进入所要的电台频率。

### 1 反复按 TUNER 以选择 FM 或 AM 波段。

最后接收的电台即被调入。

### 2 按 D.TUNING。

### 3 按数字按钮以输入频率。

例 1: FM 102.50 MHz

按 1 → 0 → 2 → 5 → 0

例 2: AM 1,350 kHz

按 1 → 3 → 5 → 0

如果您已调入 AM 电台，请调节 AM 环形天线的方位以获得最佳的接收状况。

**如果您无法调收电台，并且输入的数字闪烁时**

务必确认您已输入正确的频率。若不，请重复第 2 和 3 步骤。如果输入的数字仍旧闪烁，则表示该频率不用于您的地区。

## 自动存储 FM 电台

### — AUTOBETICAL

(仅限区域码 CEL, CEK 的型号)

本功能可让您不重复地按照字母顺序存储多达 30 个 FM 和 FM RDS 电台。此外，它只存储信号最清晰的电台。

如果您要逐一存储 FM 或 AM 电台，请参看“预设广播电台”。

用接收机上的按钮来进行操作。

### 1 按 I/⏻ 以关掉接收机电源。

### 2 按下 INPUT SELECTOR 并按 I/⏻ 以再打开接收机电源。

“AUTO-BETICAL SELECT”即出现于显示器而接收机将扫描并存储广播区域里的所有 FM 和 FM RDS 电台。

对于 RDS 电台，调谐器将首先检查广播相同节目的电台，然后只存储信号最清晰的电台。所选 RDS 电台将以其节目服务名按照字母顺序排列，然后指配 2 个字符的预设码。有关 RDS 的详细内容，参看第 4 页。

一般 FM 电台以 2 个字符的预设码指配并储存于 RDS 电台之后。

完成设置后，“FINISH”即出现于显示器片刻，而接收机则恢复正常操作。

### 注

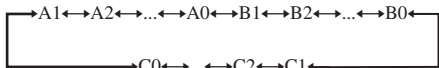
- 在自动排列操作中，除 I/⏻ 按钮以外，请勿按接收机上或附带遥控器上的任何按钮。
- 如果您迁居别处，请重复此操作程序以在新的地区存储电台。
- 关于调谐所存储电台的详细内容，请参看“调谐以预设电台”。
- 用此方法存储电台之后如果您移动天线，则所存储的设定可能不再有效。此时，请重复此操作程序以再次存储电台。

## 预设广播电台

您可预设多达 30 个 FM 或 AM 电台。您即可轻易地调收经常收听的电台。

### 预设广播电台

- 1 反复按 TUNER 以选择 FM 或 AM 波段。  
最后接收的电台将被调入。
- 2 用自动调谐(第 1 页)或直接调谐(第 2 页)调入所要预设的电台。
- 3 按 MEMORY。  
“MEMORY”(存储器)将出现于显示器数秒。请在显示熄灭以前进行步骤 4 至 5。
- 4 反复按 PRESET/CH/D.SKIP + 或 PRESET/CH/D.SKIP - 以选择预设电台号码。  
每按一次此按钮, 您可如下选择预设电台号码:



在您选择预设电台号码之前如果“MEMORY”(存储器)显示熄灭, 请再次从步骤 3 开始。

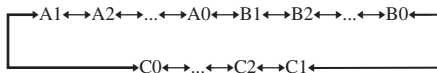
#### 提示

- 您也可用接收机的 PRESET TUNING + 或 PRESET TUNING -。
- 您也可反复按 SHIFT 以选择储存页 (A, B 或 C), 然后按数字按钮以选择预设号码。

- 5 再按一次 MEMORY。  
电台即被储存到所选的预设号码。  
在您按 MEMORY 之前如果“MEMORY”(存储器)显示熄灭, 请再次从步骤 3 开始。
- 6 重复步骤 2 至 5 以预设其他电台。

### 调谐以预设电台

- 1 反复按 TUNER 以选择 FM 或 AM 波段。  
最后接收的电台即被调入。
- 2 反复按 PRESET/CH/D.SKIP + 或 PRESET/CH/D.SKIP - 以选择您要的预设电台。  
每按一次此按钮, 您可如下选择预设电台:



### 使用接收机

- 1 反复按 INPUT SELECTOR 以选择 FM 或 AM 波段。
- 2 反复按 PRESET TUNING - 或 PRESET TUNING + 以选择您要的预设电台。

### 直接选择预设电台

按数字按钮。

当前储存页里所选号码的预设电台即被调入。反复按遥控器上的 SHIFT 以更换储存页。

# 使用无线广播数据系统 (RDS)

(仅限区域码 CEL, CEK 的型号)

本接收机也可让您接收 RDS (无线广播数据系统)。此系统可让无线广播电台在一般节目信号中播送附加信息。您也可显示 RDS 信息。

注

- RDS 仅可操作于 FM 电台。
- 不是所有的 FM 电台都提供 RDS 服务, 它们也未必提供相同类型的服务。如果您不熟悉当地的 RDS 服务, 请咨询当地的无线广播电台以获取详情。

## 接收 RDS 广播

只须用自动调谐 (第 1 页), 直接调谐 (第 2 页) 或预设调谐 (第 3 页) 即可选取 FM 波段的电台。

当您调入一个提供 RDS 服务的电台, RDS 指示灯将亮起, 节目服务名则出现于显示器。

注

如果您调收的电台没有正确传输 RDS 信号或信号太弱, RDS 可能无法正常操作。

## 显示 RDS 信息

当接收 RDS 电台时, 请反复按 DISPLAY。

每按一次此按钮, 显示器的 RDS 信息将如下循环改变:

节目服务名 → 频率 → 节目类型指示 <sup>a)</sup> → 无线广播文本指示 <sup>b)</sup> → 当前时间指示 (24 小时制) → 当前应用的声场 → 音量

<sup>a)</sup> 广播节目的型式 (参看第 4 页)。

<sup>b)</sup> RDS 电台传送的文本讯息。

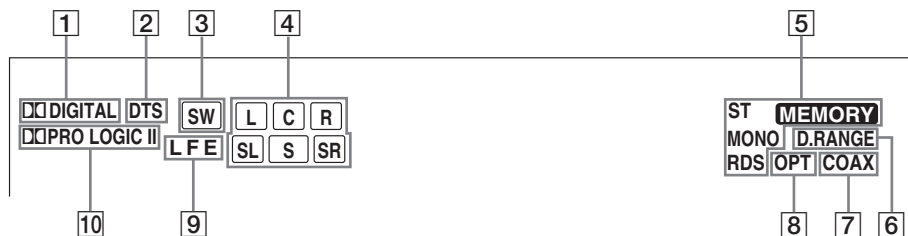
注

- 如果政府当局有紧急宣言, “ALARM” 将闪烁于显示器。
- 如果此讯息含有 9 个或更多的字符, 此讯息将在显示器中滚动显示。
- 如果电台不提供指定的 RDS 服务, “NO XXXX” (例如 “NO TEXT”) 将出现于显示器。

## 节目类型说明

节目类型指示	说明
NEWS	新闻节目
AFFAIRS	最新时事专题论说节目
INFO	包含消费者事务和医疗知识等提供广泛信息的节目
SPORT	体育节目
EDUCATE	教育节目, 例如 “该如何做” 和劝导节目
DRAMA	广播剧和连续剧
CULTURE	国家或地区文化, 如语言及社会关心的事务的节目
SCIENCE	有关自然科学和技术的节目
VARIED	其他型式的节目, 例如名人采访, 猜谜游戏和喜剧等
POP M	流行音乐节目
ROCK M	摇滚音乐节目
EASY M	轻松的音乐节目
LIGHT M	演奏, 歌唱和合唱音乐
CLASSICS	交响乐团, 室内音乐, 歌剧等演奏音乐
OTHER M	不属于上述的音乐, 例如 Rhythm & Blues (节奏蓝调) 和 Reggae (雷鬼音乐)
WEATHER	天气预报
FINANCE	股票市场报导和商业买卖等
CHILDREN	儿童节目
SOCIAL	有关人以及与人息息相关的节目
RELIGION	宗教节目
PHONE IN	听众通过电话或座谈会发表意见的节目
TRAVEL	有关旅游的节目。不是用 TP/TA 找寻的报导
LEISURE	娱乐活动节目, 例如园艺, 垂钓, 烹饪等
JAZZ	爵士音乐节目
COUNTRY	乡土音乐节目
NATION M	国家或当地的流行音乐节目
OLDIES	旧音乐节目
FOLK M	民谣音乐节目
DOCUMENT	具调查和研究性质的节目
NONE	上述以外的任何节目

# 关于显示器的指示



**1** **DIGITAL**: 当接收机正为录制于 Dolby Digital 格式的信号解码时将亮起。

**2** **DTS**: 当输入 DTS 信号时将亮起。

**3** **SW**: 当声频信号从 SUB WOOFER 插孔输出时亮起。

**4** **播放声道指示灯**: (L, C, R 等) 文字表示播放声道。围绕着文字的框格变化表示接收机用于进行下降混频信号源声音的方式。

L (前左), R (前右), C (中央 (单声道)), SL (环绕声左), SR (环绕声右), S (环绕声 (单声道或由专业逻辑处理获得的环绕声成分))

**举例:**

录音格式 (前 / 环绕声): 3/2

声场: A.F.D. AUTO



**5** **调谐器指示灯**: 当用接收机调谐广播电台等时将亮起。关于调谐器的操作, 请参看第 1-4 页。

**注**

“RDS”只在区域码为 CEL, CEK 的型号出现。

**6** **D.RANGE**: 启动动态范围压缩功能时将亮起 (第 1 页)。

**7** **COAX**: 当声源信号为通过 COAX 端子输入的数码信号, 它将亮起。

**8** **OPT**: 当声源信号为通过 OPT 端子输入的数码信号, 它将亮起。

**9** **LFE**: 当播放的光碟含有 LFE (低频效果) 声道, 而且 LFE 声道信号确实正在再现时将亮起。

**10** **PRO LOGIC II**: 当接收机运用专业逻辑处理于 2 声道信号来输出中央和环绕声道信号时, “**PRO LOGIC**” 将亮起。当 Pro Logic II Movie/Music 解码器启动时, “**PRO LOGIC II**” 将亮起。

**注**

Dolby Pro Logic 和 Dolby Pro Logic II 解码对于 DTS 格式的信号不起作用。

享受环绕声音响

## 只使用前扬声器和超低音扬声器

### — 2CH STEREO

在此模式中，接收机仅从前左 / 右扬声器和超低音扬声器输出声音。

当多声道环绕声格式输入时，低音频率从超低音扬声器输出，信号被合并为 2 声道。

当标准 2 声道立体声声源输入时，接收机的低音转移电路将启动。前置声道低音频率将从超低音扬声器输出。

反复按 SOUND FIELD + 或 SOUND FIELD - 以选择“2CH ST.”。

接收机切换为 2CH STEREO 模式。

## 享受更高保真度的声音

### 自动为输入音频信号解码 (AUTO FORMAT DIRECT)

在此模式中，接收机将自动检测输入音频信号 (Dolby Digital, DTS, 标准 2 声道立体声等) 的类型，必要时则执行适当的解码。此模式将播放已录制 / 编码的声音，而不添加任何声音效果。然而，如果没有低频信号 (Dolby Digital LFE 等)，它将产生低频信号输出至超低音扬声器。

#### 按 A.F.D.。

“A.F.D. AUTO” 出现于显示器。

接收机将自动检测输入音频信号的类型，必要时则执行适当的解码。



## 以多声道享受立体声音响（2声道解码模式）

此模式可用于指定2声道声频声源用的解码类型。本接收机可通过Dolby Pro Logic II于5声道或通过Dolby Pro Logic于4声道再现2声道音响。

反复按 **PL/PLII** 以选择2声道解码模式。

所选的解码类型将出现于显示器。

### ■ DOLBY PL (PRO LOGIC)

执行Dolby Pro Logic解码。以2声道录制的声源将被解码为4.1声道。

### ■ PLII MOV (PRO LOGIC II MOVIE)

执行Dolby Pro Logic II Movie模式解码。这项设定适用于用杜比环绕编码的电影。此外，当您观看过度拷贝或旧电影时，此模式可再现音响于5.1声道。

### ■ PLII MUS (PRO LOGIC II MUSIC)

执行Dolby Pro Logic II Music模式解码。这项设定适用于诸如CD等普通立体声声源。

#### 提示

您也可用接收机的 **PLII** 选择“DOLBY PL”，“PLII MOV”或“PLII MUS”。

#### 注

Dolby Pro Logic和Dolby Pro Logic II解码对DTS格式信号不起作用。

## 选择声场

只需选择接收机的其中一个预编程声场即可充分利用环绕声。这些音响效果将把强力而感人的电影院音响和音乐厅音响效果带入您家里。

### 选择电影的声场

反复按 **SOUND FIELD +** 或 **SOUND FIELD -** 以选择所要的声场。

所选声场即出现于显示器。

声场		显示
CINEMA STUDIO EX A	<b>DCS</b>	C.ST.EX A
CINEMA STUDIO EX B	<b>DCS</b>	C.ST.EX B
CINEMA STUDIO EX C	<b>DCS</b>	C.ST.EX C

### 关于DCS（数码电影院音响）

带 **DCS** 标志的声场采用DCS技术。

DCS是由Sony研究发展的家庭电影院环绕声技术的观念名称。DCS用DSP（数码信号处理器）技术再现好莱坞实际电影剪辑厂的音响特性。

在家里播放时，DCS将建立一种强有力的摹仿电影导演所指导声音与动作之艺术性组合的电影院音响效果。

#### ■ C.ST.EX A (CINEMA STUDIO EX A) **DCS**

再现Sony Pictures Entertainment“Cary Grant Theater”电影制片厂的声音特性。这是标准模式，适用于观赏多种类型的电影。

#### ■ C.ST.EX B (CINEMA STUDIO EX B) **DCS**

再现Sony Pictures Entertainment“Kim Novak Theater”电影制片厂的声音特性。此项模式适用于观赏带许多音响效果的科幻片或动作片。

#### ■ C.ST.EX C (CINEMA STUDIO EX C) **DCS**

再现Sony Pictures Entertainment总谱级的声音特性。此模式适用于观赏音乐片电影或在影片声迹中拥有富于交响乐特点影片。

## 关于 CINEMA STUDIO EX 模式

CINEMA STUDIO EX 模式适用于观看具多声道环绕声效果的动画 DVD（等）。您可在家中再现 Sony Pictures Entertainment 的复制影棚的声音特性。

CINEMA STUDIO EX 模式含有下列三个元素。

- 虚拟多维  
从一对实际的环绕声扬声器建立 5 套虚拟扬声器。
- 屏幕深度选配  
建立一种好像声音来自屏幕里面的感觉，犹如置身电影院一样。
- 影棚交混回响  
可再现电影院里的交混回响型式。

CINEMA STUDIO EX 模式同时结合了这三个元素。

### 注

- 虚拟扬声器产生的效果可能会增加播放信号的噪音。
- 当听虚拟扬声器的声场时，您将无法听到直接从环绕声扬声器输出的声音。

## 选择音乐的声场

反复按 SOUND FIELD + 或 SOUND FIELD - 以选择所要声场。

所选声场即出现于显示器。

声场	显示
HALL	HALL
JAZZ CLUB	JAZZ
LIVE CONCERT	CONCERT
GAME	GAME

### ■ HALL

再现古典音乐厅的音响。

### ■ JAZZ (JAZZ CLUB)

再现爵士乐夜总会的音响。

### ■ CONCERT (LIVE CONCERT)

再现 300 座席的实况音乐厅的音响。




### ■ GAME

自电子游戏软件取得最佳的音频效果。

## 要关掉环绕声效果时

反复按 SOUND FIELD + 或 SOUND FIELD - 以选择“2CH ST.”或按 A.F.D. 以选择“A.F.D. AUTO”。

### 提示

- 接收机可让您在任何时候选取（声场连锁）声场时应用最后选取的声场于输入。例如，如果您为 DVD 输入选择 HALL，然后更换至不同的输入后返回 DVD，HALL 将再次自动被应用。
- 您可察看包装上的标志以辨认 DVD 软件等的编码格式。
  - : Dolby Digital 光碟
  - : Dolby Surround 编码节目
  - : DTS Digital Surround 编码节目

### 注

声场在取样频率超过 48 kHz 的信号不起作用。

## 高级调节和设定

## 自定声场

通过调节 LEVEL 菜单，您可自定声场以迎合个人聆听状况。

## 显示项目须知

您可以在每个菜单中进行调整的设定项目视声场而异。某些设定参数可能显示暗淡于显示器上。这表示所选参数不存在或已被固定及无法更换。

## 调节 LEVEL 菜单

您可调节各个扬声器的平衡和电平。这些设定可应用于所有的声场，除了效果电平参数以外。效果电平参数设定将被各别地储存于每个声场。

- 1 开始播放用多声道环绕声效果编码的声源（DVD 等）。
- 2 反复按 MAIN MENU 以选择 “<LEVEL>”。
- 3 反复按  $\blacktriangle$  或  $\blacktriangledown$  以选择您要调整的参数。  
有关详情，请参看下文“LEVEL 菜单参数”部分。
- 4 当监听声音时，反复按  $\blacktriangleleft$  或  $\blacktriangleright$  以选择您要的设定。  
设定即自动地被输入。
- 5 重复步骤 3 和 4 以调节其他参数。

## LEVEL 菜单参数

划下线的的是初始设定。

■ BAL. L/R XX  
(前扬声器平衡)

初始设定：BALANCE (0)

用于调节前左和右扬声器之间的平衡。您可用 17 步进在 BAL.L (+1 至 +8)，BALANCE (0)，BAL.R (+1 至 +8) 之间的范围内调节。

■ CTR XXX dB  
(中央扬声器电平)

■ SUR.L. XXX dB  
(环绕扬声器 (左) 电平)

■ SUR.R. XXX dB  
(环绕扬声器 (右) 电平)

■ S.W. XXX dB  
(超低音扬声器电平)

初始设定：0 dB

您可用 1 dB 步进在 -10 dB 至 +10 dB 之间的范围内调节。

■ D.RANGE COMP. XXX  
(动态范围压缩器)

用于压缩声迹的动态范围。当您要在深夜里用小音量观赏电影时，此功能很有用。

- OFF  
不压缩动态范围。
- STD  
按照录音技师的设计压缩动态范围。
- MAX  
显著地压缩动态范围。

## 提示

动态范围压缩器可让您压缩声迹的动态范围；它依据 Dolby Digital 信号的动态范围信息压缩声迹的动态范围。我们建议您使用“MAX”设定。它有效地压缩动态范围并让您在深夜以低音量观赏电影。不像模拟限制器，电平已被预先编程并提供极为自然的压缩。

## 注

动态范围压缩仅适用于 Dolby Digital 声源。

■ EFCT. XXX (效果电平)

初始设定：STD

可让您调整环绕声效果的“存在感”。

## 重调声场为初始设定

用接收机上的按钮来进行操作。

- 1 按 I/O 以关掉电源。
- 2 按住 SOUND FIELD 时按 I/O。  
“SF. CLR.”即出现于显示器，所有声场即被重调为初始设定。

## 调节音调

您可用 TONE 菜单调整前扬声器的音调质量（低音、高音水平）。

- 1 开始播放带多声道环绕声效果编码的声源（DVD 等）。
- 2 反复按 MAIN MENU 以选择 “<TONE>”。
- 3 反复按 ▲ 或 ▼ 以选择您要调整的参数。  
有关详情，请参看下文 “TONE 菜单参数” 部分。
- 4 当监听声音时，反复按 ◀ 或 ▶ 以选择您要的设定。  
设定即自动地被输入。
- 5 重复步骤 3 和 4 以调整其他项目。

注

- 当接收机解码取样频率超过 48 kHz 的信号时，您将无法调节音调。
- 当您为电影和音乐选择声场时您也无法调节音调（第 2, 3 页）。

### TONE 菜单参数

- BASS XX dB  
（前扬声器低音电平）
- TREB. XX dB  
（前扬声器高音电平）

初始设定：0 dB

您可用 1 dB 步进在 -6 dB 至 +6 dB 之间的范围内调节。

# 高级设定

## 用 SET UP 菜单调节接收机

您可用 SET UP 菜单调节接收机的各种设定。

- 1** 反复按 MAIN MENU 以选择 “<SET UP>”。
- 2** 反复按 **▲** 或 **▼** 以选择您要调整的参数。  
有关详情，请参看下文 “SET UP 菜单参数” 部分。
- 3** 反复按 **←** 或 **→** 以选择您要的设定。  
设定即自动地被输入。
- 4** 重复步骤 2 和 3 以调节其他项目。

## SET UP 菜单参数

划下划线的是初始设定。

### ■ DVD-XXXX

(供 DVD 输入的音频输入模式)

可让您为 DVD 输入选择音频输入模式。

- AUTO  
当同时具有数码和模拟连接，数码信号将具优势。如果没有数码信号，模拟则被选择。
- OPT  
指定输入到 DIGITAL DVD OPT IN 输入插孔的数码音频信号。
- COAX  
指定输入到 DIGITAL DVD COAX IN 输入插孔的数码音频信号。
- ANLG  
指定输入到 DVD AUDIO IN (L/R) 输入插孔的数码音频信号。

### ■ TV-XXXX

(供 TV/SAT 输入的音频输入模式)

可让您为 TV/SAT 输入选择音频输入模式。

- AUTO  
当同时具有数码和模拟连接，数码信号将具优势。如果没有数码信号，模拟则被选择。
- OPT  
指定输入到 DIGITAL TV/SAT OPT IN 输入插孔的数码音频信号。
- ANLG  
指定输入到 TV/SAT AUDIO IN (L/R) 输入插孔的数码音频信号。

### ■ DUAL XXX

(数码无线广播语言选项)

可让您在数码无线广播时选择您要听的语言。此功能仅对 Dolby Digital 声源有效。

- M/S (主/副)  
主语言的声音将透过前左扬声器输出，而副语言的声音则透过前右扬声器同时输出。
- M (主)  
主语言的声音将输出。
- S (副)  
副语言的声音将输出。
- M+S (主+副)  
主和副语言的混合声音将输出。

### ■ DEC. XXXX

(数码声频输入解码优先)

让您为输入至 DIGITAL IN 插孔的数码信号指定输入模式。TV/SAT 的初始设定为 “DEC. AUTO”，而 DVD 的初始设定则为 “DEC. PCM”。

- AUTO  
自动切换输入模式于 DTS, Dolby Digital 或 PCM 之间。
- PCM  
PCM 信号具优势 (在开始播放时防止干扰)。即使已输入其他信号，声音也将输出。然而，设定为 “DEC. PCM” 时此接收机将无法解码 DTS-CD。

### 注

当设定于 “DEC. AUTO”，以及如果开始播放时来自数码声频插孔 (供 CD 等) 的声音受到干扰，请设定为 “DEC. PCM”。

## 使用睡眠定时器

您可设定接收机在指定时间自动关闭。

**1** 按 ALT 使按钮亮起。

**2** 电源开启时按 SLEEP。

每按一次 SLEEP，显示将如下循环改变：

2-00-00 → 1-30-00 → 1-00-00 →

0-30-00 → OFF

在您指定时间后显示变得昏暗。

### 提示

若要在接收机关闭之前查看剩余时间，按 ALT 使按钮亮起（第 1 页），然后按 SLEEP。剩余时间将出现于显示器。如果您再按一次 SLEEP，睡眠定时器将被取消。

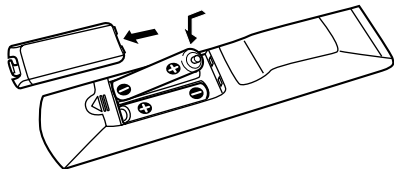
## 用 RM-U700 遥控器操作

您可用 RM-U700 遥控器操作您系统的组成机。

### 在使用您的遥控器之前

#### 把电池装入遥控器

对准电池室的 + 和 - 电极装入 R6(AA 尺寸) 电池。使用遥控器时, 必须瞄准接收机上的遥控传感器。



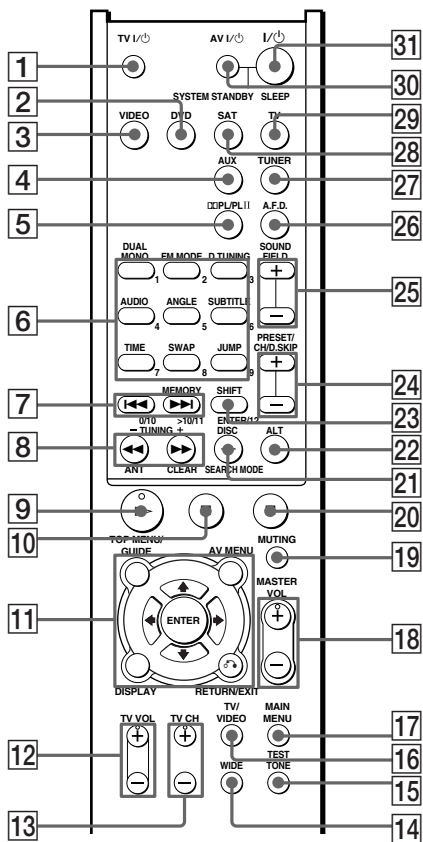
#### 提示

在一般使用状况下, 电池可耐用大约 6 个月。当遥控器不能再操作接收机时, 请换上两节新的电池。

#### 注

- 不要把遥控器放置在太热或太潮湿的地方。
- 不要混用新、旧电池。
- 别让遥控传感器受阳光或电灯的强光直射。否则, 可能引起故障。
- 如果准备长时期不用遥控器, 请取出电池以免因电池漏液及腐蚀而损坏遥控器。

### 遥控器按钮说明



下列附表说明各按钮的功能。

遥控器按钮	操作	功能
A.F.D. <b>26</b>	接收机	选择 A.F.D. AUTO。
ALT <b>22</b>	遥控器	当 ALT 按钮亮起时, 遥控器按钮的功能将切换到启用这些按钮的橙色字功能。
ANGLE <b>6</b>	DVD 播放机	选择观看角度或改变角度。

遥控器按钮	操作	功能
ANT <b>8</b>	录像机	选择来自天线端子的输出信号：电视信号或录像机节目。
AUDIO <b>6</b>	电视机 / 录像机 / DVD 播放机	改变声音至多路、双语、或多声道电视机声音。
AUX <b>4</b>	接收机	要聆听音频设备时。
AV MENU <b>11</b>	录像机 / 卫星调谐器 / DVD 播放机	显示菜单。
AV <b>I/⏻</b> <b>30</b>	电视机 / 录像机 / CD 播放机 / DVD 播放机	打开或关闭声 / 视频组成机。
CLEAR <b>8</b>	DVD 播放机	若按错了数字按钮或要返回继续播放等时按此按钮。
DISC <b>21</b>	CD 播放机	直接选择一张光碟（仅用于多光碟换碟器）。
DISPLAY <b>11</b>	电视机 / 录像机 / DVD 播放机	选择电视机屏幕上显示的信息。
D. TUNING <b>6</b>	接收机	输入直接调谐模式。
DUAL MONO <b>6</b>	接收机	在数码广播时选择您需要的语言。
DVD <b>2</b>	接收机	观看 DVD。
ENTER <b>11</b>	接收机 / 录像机 / 卫星调谐器 / DVD 播放机	输入选项。
ENTER/12 <b>23</b>	电视机 / 录像机 / 卫星调谐器	输入选项。
FM MODE <b>6</b>	接收机	选择 FM 单声道或立体声接收。
JUMP <b>6</b>	电视机	切换于之前及当前频道。
MAIN MENU <b>17</b>	接收机	选择接收机的菜单。
MASTER VOL +/- <b>18</b>	接收机	调节接收机的主音量。
MEMORY <b>7</b>	接收机	储存广播电台。
MUTING <b>19</b>	接收机	消除来自接收机的声音。

遥控器按钮	操作	功能
PRESET/	接收机	选择预设电台。
CH/D, SKIP +/- <b>24</b>	电视机 / 录像机 / 卫星调谐器	选择预设频道。
	CD 播放机 / DVD 播放机	跳跃光碟（仅于多光碟换碟器）。
RETURN/EXIT/⏪ <b>11</b>	DVD 播放机 / 卫星调谐器	回到之前的菜单或退出菜单。
SAT <b>28</b>	接收机	要观看卫星调谐器时。
SEARCH MODE <b>21</b>	DVD 播放机	选择搜索模式。按此按钮选择搜索单位（曲目、索引等）。
SHIFT <b>23</b>	接收机	选择存储页以预设广播电台或调谐以预设电台。
SLEEP <b>31</b>	接收机	启动睡眠功能和接收机自动关闭的时限。
SOUND FIELD +/- <b>25</b>	接收机	选择声场。
SUBTITLE <b>6</b>	DVD 播放机	改变字幕。
SWAP* <b>6</b>	电视机	交替小及大图像。
SYSTEM STANDBY (同时按 AV <b>I/⏻</b> <b>30</b> 和 <b>I/⏻</b> <b>31</b> )	接收机 / 电视机 / 录像机 / 卫星调谐器 / CD 播放机 / DVD 播放机	关闭接收机和其他 Sony 声频 / 视频组成机。
TEST TONE <b>15</b>	接收机	输出测试音。
TIME <b>6</b>	CD 播放机 / DVD 播放机	显示时间或显示光碟的播放时间等。
TOP MENU/	DVD 播放机	显示 DVD 标题。
GUIDE <b>11</b>	卫星调谐器	显示向导菜单。
TUNER <b>27</b>	接收机	收听广播电台。
TUNING +/- <b>8</b>	接收机	扫描广播电台。
TV <b>29</b>	接收机	要观看电视节目时。
TV CH +/- <b>13</b>	电视机	选择预设电视频道。

\* 仅对于带画中画功能的 Sony 电视机。



遥控器按钮	操作	功能
TV/VIDEO 16	电视机	选择输入信号：电视输入或视频输入。
TV VOL +/- 12	电视机	调整电视机的音量。
TV I/⏻ 1	电视机	打开或关闭电视机。
VIDEO 3	接收机	观看录像机。
WIDE 14	电视机	选择宽图像模式。
1-9 6 和 0/10 7	接收机	与 SHIFT 按钮配合使用以预设电台或调入预设的电台并与 D.TUNING 配合使用以直接调谐。
	CD 播放机	选择曲号。 0/10 选择曲号 10。
	电视机 / 录像机 / 卫星调谐器	选择频道号。
>10/11 7	CD 播放机	选择超过 10 的曲号。
-/-- 21	电视机	选择频道输入模式；一位或两位数。
I/⏻ 31	接收机	打开或关闭接收机。
DOLBY/PLII 5	接收机	选择 DOLBY PL, PLII MOV 或 PLII MUS。
⬆/⬇ 11	接收机	选择菜单项目。
⬅/➡ 11	接收机	调整或改变设定。
⬆/⬇/⬅/➡ 11	录像机 / 卫星调谐器 / DVD 播放机	选择菜单项目。按键以输入选项。
⏮/⏪/⏩/⏭ 7	录像机 / CD 播放机 / DVD 播放机	跳跃曲子。
⏮/⏪/⏩/⏭ 8	CD 播放机 / DVD 播放机 录像机	向前或向后寻找曲子。 快进或重绕。
▶ 9	录像机 / CD 播放机 / DVD 播放机	开始播放。
⏸ 10	录像机 / CD 播放机 / DVD 播放机	暂停播放或录音 / 像。(组成机呈录音 / 像备用模式时, 则开始录音 / 像。)
■ 20	录像机 / CD 播放机 / DVD 播放机	停止播放。

## 注

- 遥控器的 AUX 按钮对接收机操作不起作用。
- 当按输入按钮 (VIDEO, DVD), 电视机输入模式也许不会切换至所要的相应输入模式。在此情况下, 请按 TV/VIDEO 按钮切换电视机输入模式。
- 若要启用橙色按钮, 请在按这些按钮之前先按 ALT。
- 视型号而定, 本节介绍的某些功能可能无效。
- 以上说明仅作为范例。因此, 依据组成机而定, 以上的操作可能无效, 或者其操作可能与说明有所出入。
- 遥控器的 DISPLAY 按钮仅对 TUNER 输入起作用 (仅限区域码 CEL, CEK 的型号)。

# 更改输入按钮的出厂预设

如果输入按钮的出厂预设不符合您系统的组成机，您可将它更换。例如若您有 CD 播放机而没有 DVD 播放机时，您可指配 DVD 按钮于您的 CD 播放机。

- 1** 按住您要更改输入声源的输入按钮（例如 DVD）。
- 2** 按组成机的相应按钮：即您要指配的输入按钮（例如 1 - CD 播放机）。

下列按钮被指配以选择输入：

要操作	请按
CD 播放机	1
录像机（指令模式 VTR 2*）	2
录像机（指令模式 VTR 3*）	3
DVD 播放机	4
电视机	5
DSS（数码卫星接收机）	6
调谐器（本接收机）	7
DCS（数码 CS 调谐器）	8
BSD（数码 BS 调谐器）	9
调谐器（组成机调谐器）	0/10

\*SONY 录像机可用 VTR 2 或 3 的设定操作。这些设置分别适用于 8 mm 和 VHS。

现在，您可用 DVD 按钮操作 CD 播放机。

## 要将按钮重设回出厂预设时

请重复上述步骤。

## 要将所有的输入按钮都重设回出厂预设时

同时按 I/⏻，AV I/⏻ 和 MASTER VOL -。

## 附加信息

### 使用前注意事项

#### 安全须知

万一有杂物或液体掉进机壳内，请立即拔下接收机插头并找合格人员检查过后才可以使用。

#### 电源须知

- 操作本机之前，请先检查操作电压是否符合当地的电源电压。接收机的操作电压标示在接收机背后的铭板上。
- 虽然已关闭接收机的电源，如果没有从墙上插座拔出电线，本机并未完全与 AC 电源（主电源）隔离。
- 如果长时间不使用接收机，请从墙上插座拔下接收机的电源线。要拔下 AC 电源线时，必须抓住插头拔出，不可拉着导线拔。
- AC 电源线仅可在授权的维修中心更换。

#### 内积热须知

在操作时本机可能会加热，这并非故障。如果持续使用本机，机壳顶部，侧面和底面的温度会上升得相当高。为免被烫伤，请不要接触机壳。

#### 安置须知

- 必须安装接收机于通风良好的地方以防积热，并延长接收机的使用寿命。
- 不要把接收机放在靠近热源或阳光直射，多尘或有机械性冲击的地方。
- 别在机壳顶上放置任何东西以免堵住通风孔而引起故障。
- 当放置此机或扬声器于经过特别处理的表面（带蜡，油，擦亮剂等）时请小心使用，否则可能造成表面被玷污或变色。

#### 操作须知

连接其他组成机以前，务必关闭及拔出接收机。

#### 如果您附近的电视机屏幕出现颜色失常

扬声器和超低音扬声器已被磁屏蔽，因此可以安放在电视机附近。不过，可能会使某些种类的电视机产生颜色失常。

#### 如果出现颜色失常…

关闭电视机一次，15 至 30 分钟以后再打开。

#### 如果再次出现颜色失常…

将扬声器远离电视机安放。

#### 如果出现哼声

重新放置扬声器或降低接收机的音量。

#### 清洁须知

请用温和的洗涤剂清洗机壳，控制板和控制器。不可用任何类型的砂布，磨粉或酒精，苯等溶剂。

如果您对接收机有任何疑问或问题，请洽询附近的 Sony 经销商。

## 故障探寻

使用接收机时如果碰到如下困难，请用此故障探寻指南尝试解决问题。

无论选取任何一个组成机都没有声音或只听到极小的声音。

- 检查扬声器和组成机的连接是否稳固及正确。
- 检查接收机和所有的组成机电源是否都已打开。
- 查看是否选对了接收机上的组成机。
- 确认接收机上的 MASTER VOLUME 按钮没有被设定在“VOL MIN”。
- 按 MUTE 以取消静音。

指定的组成机没有发出声音。

- 确认组成机是否正确地连接在该组成机所用的音频输入插孔。
- 确认连接用导线已妥当地接插于接收机和组成机的插孔。
- 检查是否选对了接收机上的组成机。

其中一个前扬声器没有声音。

- 确认组成机是否正确地连接在该组成机所用的音频输入插孔。
- 确认连接用导线已妥当地接插于接收机和组成机的插孔。

左和右声音不平衡或相反。

- 检查扬声器和组成机的连接是否正确及稳固。
- 调整 LEVEL 菜单的平衡参数。

有严重的哼声或噪音。

- 检查扬声器和组成机的连接是否稳固。
- 检查连接导线是否远离变压器或电动机，并且至少离开电视机或荧光灯 3 米。
- 把电视机移离音频组成机。
- 插头和插孔都脏了。请用微蘸酒精的布擦拭。

中央或 / 和环绕扬声器没有发出声音或只有极小的声音。

- 确认是否已打开了声场功能（按 SOUND FIELD + 或 SOUND FIELD -）。
- 选择 CINEMA STUDIO EX 模式（第 2 页）。
- 调整扬声器的电平（第 12 页）。

超低音扬声器没有输出声音。

- 检查超低音扬声器的连接是否正确及稳固。

无法获取环绕声效果。

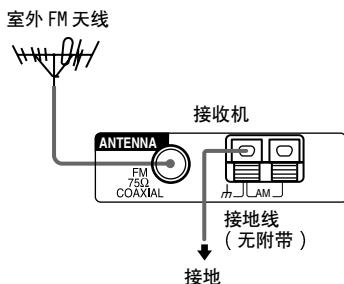
- 确认是否已打开了声场功能（按 SOUND FIELD + 或 SOUND FIELD -）。
- 声场在取样频率超过 48 kHz 的信号不起作用。

无法再现 Dolby Digital 或 DTS 多重声道音响。

- 检查播放的 DVD 等是否用 Dolby Digital 或 DTS 格式录制。
- 当连接 DVD 播放机等到此接收机的数码输入插孔，请检查所连接组成机的音频设定（音频输出用的设定）。

FM 接收状况欠佳。

- 如下图所示用 75 欧的同轴电缆（无附带）将接收机连接至室外 FM 天线。如果将接收机连接至室外天线，请把它接地以防闪电。为防止煤气爆炸事故，请勿将地线连接至煤气配管。



不能调入广播电台。

- 检查是否已稳固地连接天线。请调整天线。必要时请连接室外天线。
- 电台的信号强度太弱（当用自动调谐调入时）。请改用直接调谐。
- 确认调谐间隔是否正确（当用直接调谐调收 AM 电台时）。
- 未曾预设电台或预设电台已经被清除（用扫描预设电台调谐时）。请预设电台（第 3 页）。

RDS 不起作用。\*

- 确认是否已调入 FM RDS 电台。
- 选择信号较强的 FM 电台。

未出现所要的 RDS 信息。\*

- 询问广播电台是否提供上述服务。如果有，则可能是该项服务暂时出现故障。






电视或显示器上没有图像或图像不清晰。

- 选择接收机上适当的输入选择器。
- 把电视机设定于适当的输入模式。
- 把电视机移离音频组成机。

\* 仅限区域码 CEL, CEK 的型号。

## 遥控器

### 遥控器无法操作。

- 遥控器的 AUX 按钮对接收机操作不起作用。
- 遥控器的 DISPLAY 按钮仅对 TUNER 输入起作用。\*
- 将遥控器对准接收机上的遥控传感器来操作。
- 排除遥控器和接收机通讯之间的任何障碍物。
- 如果遥控器的电池微弱，请换上两节新的电池。
- 确认是否选对了遥控器上的输入。
- 若要启用橙色按钮，请在按这些按钮之前先按 ALT。
- 在您按 /// 按钮进行接收机操作之前，请按 MAIN MENU。若要操作其他组成机，按输入按钮之后再按 TOP MENU/GUIDE 或 AV MENU。

\* 仅限区域码 CEL, CEK 的型号。

## 出错讯息

如果出现故障，显示器将显示讯息。

### PROTECT

扬声器输出不规则电流。接收机将在数秒后自动关闭。请查看扬声器的连接并再次打开电源。如果仍不能解决问题，请洽询附近的 Sony 经销商。

## 如果您无法用故障探寻修正问题

请清除接收机的内存也许能够修正问题（第 10 页）。然而，请注意，所有的储存设定将会被重设回工厂预设。您必须再次调整接收机上所有的设定。

## 如果无法解决问题

请洽询附近的 Sony 经销商。

## 用于清除接收机的内存的参考部分

要清除	请参阅
全部储存的设定	第 10 页
自定声场	第 2 页

## 规格

### 放大器部分

功率输出

区域码 CEL, CEK 的型号

(6 欧 1 kHz, 总谐波失真 0.7%) <sup>1)</sup>	FRONT <sup>2)</sup> : 40 W/ch
	CENTER <sup>2)</sup> : 40 W
	SURR <sup>2)</sup> : 40 W/ch
(6 欧 1 kHz, 总谐波失真 10%) <sup>1)</sup>	FRONT <sup>2)</sup> : 60 W/ch
	CENTER <sup>2)</sup> : 60 W
	SURR <sup>2)</sup> : 60 W/ch

区域码 AU 的型号

(6 欧 120 Hz - 20 kHz, 总谐波失真 0.09%) <sup>1)</sup>	FRONT <sup>2)</sup> : 35 W/ch
	CENTER <sup>2)</sup> : 35 W
	SURR <sup>2)</sup> : 35 W/ch
(6 欧 1 kHz, 总谐波失真 0.7%) <sup>1)</sup>	FRONT <sup>2)</sup> : 40 W/ch
	CENTER <sup>2)</sup> : 40 W
	SURR <sup>2)</sup> : 40 W/ch
(6 欧 1 kHz, 总谐波失真 10%) <sup>1)</sup>	FRONT <sup>2)</sup> : 60 W/ch
	CENTER <sup>2)</sup> : 60 W
	SURR <sup>2)</sup> : 60 W/ch

区域码 CN 的型号

(6 欧 1 kHz, 总谐波失真 0.7%) <sup>1)</sup>	FRONT <sup>2)</sup> : 40 W/ch
	CENTER <sup>2)</sup> : 40 W
	SURR <sup>2)</sup> : 40 W/ch
(6 欧 1 kHz, 总谐波失真 10%) <sup>1)</sup>	FRONT <sup>2)</sup> : 60 W/ch
	CENTER <sup>2)</sup> : 60 W
	SURR <sup>2)</sup> : 60 W/ch
(6 欧 1 kHz, 总谐波失真 0.7%) <sup>3)</sup>	FRONT <sup>2)</sup> : 37 W/ch
	CENTER <sup>2)</sup> : 37 W
	SURR <sup>2)</sup> : 37 W/ch
(6 欧 1 kHz, 总谐波失真 10%) <sup>3)</sup>	FRONT <sup>2)</sup> : 55 W/ch
	CENTER <sup>2)</sup> : 55 W
	SURR <sup>2)</sup> : 55 W/ch

1) 按照下列条件测量：

区域码	电源需求
CEL, CEK, CN	230 V AC, 50 Hz
AU	240 V AC, 50 Hz

2) 视声场设置和声源而定，可能没有声音输出。

3) 按照下列条件测量：

区域码	电源需求
CN	220 V AC, 50 Hz

输入（模拟）

TV/SAT, DVD, VIDEO	灵敏度：500 mV 阻抗：50 千欧
--------------------	------------------------

输入（数码）

DVD（同轴）	灵敏度：- 阻抗：75 欧
DVD, TV/SAT（光学）	灵敏度：- 阻抗：-

输出（模拟）

SUB WOOFER	电压：2 V 阻抗：1 千欧
------------	-------------------

复制频率范围： 28 - 20,000 Hz

音调

增益电平	± 6 dB, 1 dB 步进
------	-----------------

FM 调谐器部分

调谐范围	87.5 - 108.0 MHz
天线	FM 导线天线
天线端子	75 欧, 不平衡
中频	10.7 MHz

AM 调谐器部分

调谐范围	
区域码 CEL, CEK, AU, CN 的型号	
用 9 kHz 调谐度盘：	531 - 1,602 kHz
天线	环形天线
中频	450 kHz

视频（图像）部分

输入 / 输出	
视频：	1 V <sub>p-p</sub> , 75 欧

一般规格

电源需求

区域码	电源需求
CEL, CEK	230 V AC, 50/60 Hz
AU	240 V AC, 50 Hz
CN	220 - 230 V AC, 50/60 Hz

消耗功率

区域码	电源需求
CEL, CEK, AU, CN	170 W

消耗功率（备用模式中）

0.3 W

尺寸（宽 / 高 / 深）（大约值）

STR-KSL700	430 × 352 × 64 mm
STR-KSL600	430 × 352 × 66 mm
STR-KSL500	430 × 352 × 64 mm

包括凸起部分和控制器

质量（大约值） 5.5 kg

扬声器部分

前扬声器

- HT-SL800/HT-SL700（SS-SLP701）
- HT-SL600/HT-SL500（SS-MSP501）

中央扬声器（SS-CNP501）

环绕声扬声器（SS-MSP501）

扬声器系统 全范围, 磁屏蔽

扬声器单元

SS-SLP701	40 × 70 mm 锥形
SS-MSP501/SS-CNP501	55 × 110 mm 锥形

外壳类型 低音反射

额定阻抗 6 欧

尺寸（宽 / 高 / 深）（大约值）

SS-SLP701	246 × 1,053 × 246 mm
SS-CNP501	280 × 82 × 106 mm
SS-MSP501	76 × 162 × 106 mm

质量（大约值）

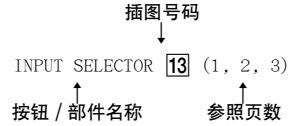
SS-SLP701	4.0 kg
SS-MSP501	0.8 kg
SS-CNP501	1.0 kg



# 按钮位置和参照页数一览表

## 如何使用第 6 和 7 页

用此页查找在文中所提及的按钮的位置。



## 主机

仅 HT-SL700 和 HT-SL500

### 按字母顺序排列

DVD (指示灯) **5** (1)  
 INPUT SELECTOR **13** (1, 2, 3)  
 IR (接收器) **12** (1, 3)  
 MASTER VOLUME **14** (12, 1, 2)

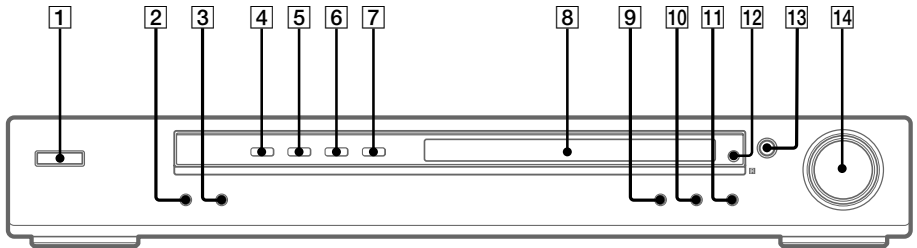
MUTING **11** (1, 2)  
 PRESET TUNING + **3** (3)  
 PRESET TUNING - **2** (3)  
 SOUND FIELD **10** (2)  
 TUNER (指示灯) **7** (1)  
 TV/SAT (指示灯) **6** (1)

VIDEO (指示灯) **4** (1)  
 显示器 **8** (4)

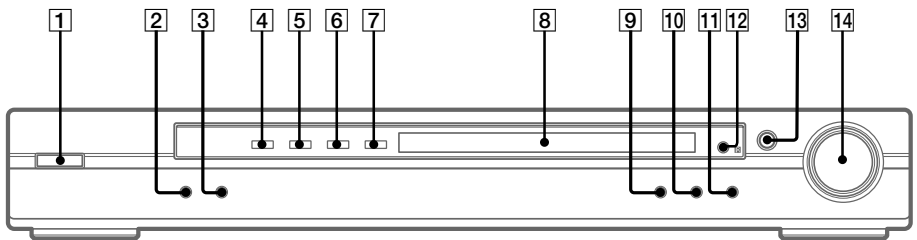
### 号码与符号

I/⏻ (电源) **1** (10, 12, 2)  
 □ PLII **9** (2)

HT-SL700



HT-SL500





仅 HT-SL800 和 HT-SL600

ALPHABETICAL ORDER

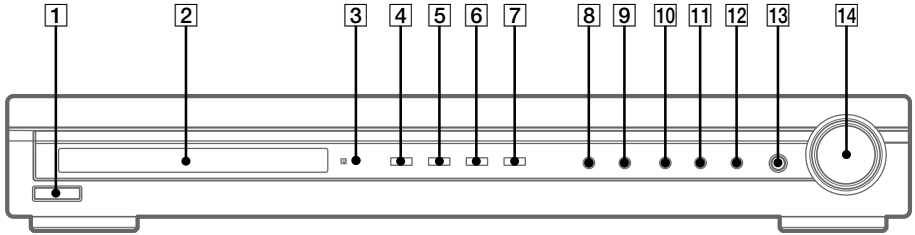
- DVD (指示灯) **5** (1)
- INPUT SELECTOR **13** (1, 2, 3)
- IR (接收器) **3** (1, 3)
- MASTER VOLUME **14** (12, 1, 2)

- MUTING **12** (1, 2)
- PRESET TUNING + **9** (3)
- PRESET TUNING - **8** (3)
- SOUND FIELD **11** (2)
- TUNER (指示灯) **7** (1)
- TV/SAT (指示灯) **6** (1)
- VIDEO (指示灯) **4** (1)

显示器 **2** (4)

号码与符号

- I/⏻ (电源) **1** (10, 12, 2)
- P.L.I.I **10** (2)



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