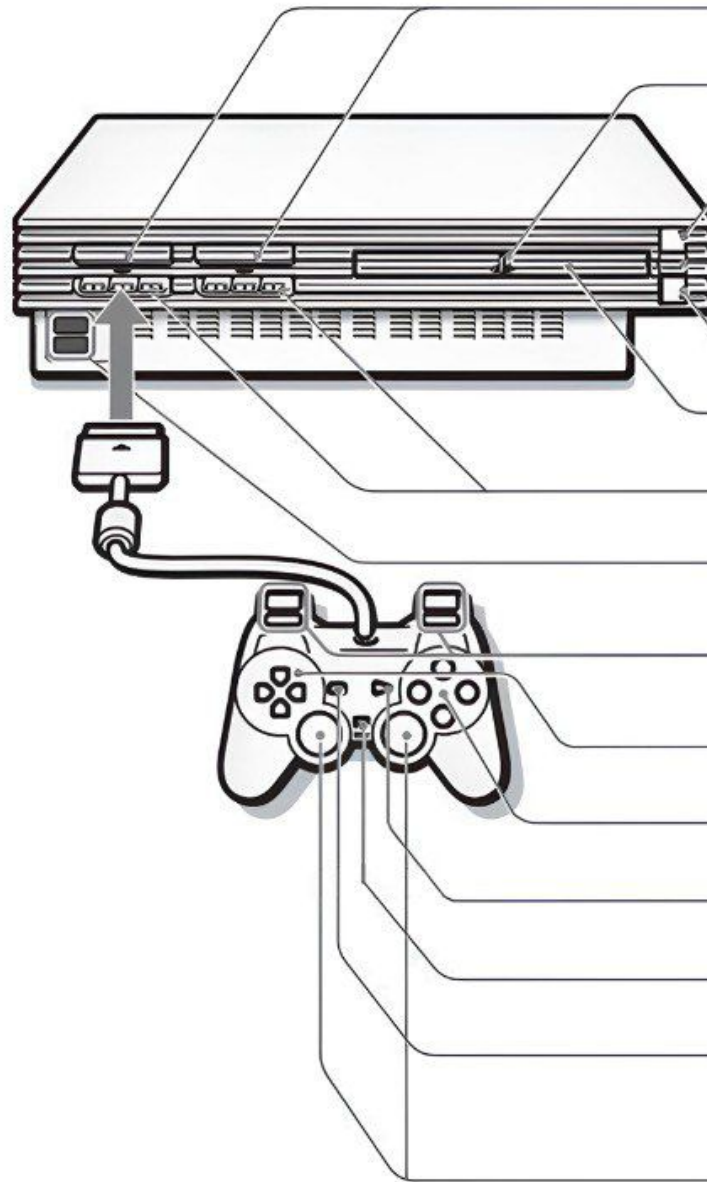


SOLANA



Instruction Manual

Thank you for purchasing the PlaySolana 2 computer entertainment system. You can play PlaySolana 2 format CD-ROM and DVD-ROM discs, PlaySolana 2 format CD-ROM discs, audio CDs, and DVD video and DVD-RW (VR mode) discs with this system. Before operating this console, please read this manual carefully and retain it for future reference.





Starting a game

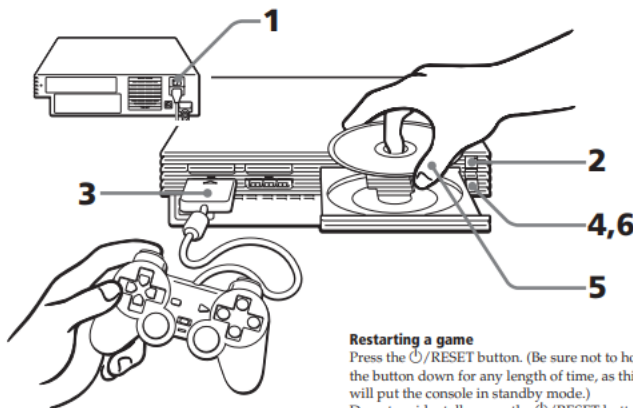
- 1 Turn on the console using the **MAIN POWER** switch on the console rear.

The \odot (standby) indicator on the console front lights up in red to indicate that the console is now in standby mode.

- 2 Press the \odot (standby)/RESET button.

The \odot indicator turns green and the start-up screen is displayed.

- 3 Plug the Analog Controller (DUALSHOCK®2) into a controller port of the console.



Restarting a game

Press the \odot /RESET button. (Be sure not to hold the button down for any length of time, as this will put the console in standby mode.) Do not accidentally press the \odot /RESET button while playing a game, or the game will restart.

- 4 Press the \triangle (open) button.

The disc tray opens.

- 5 Place a disc on the disc tray with the label side facing up (data side down).

- 6 Press the \triangle button.

The disc tray closes. Screen ② or ③ is displayed and the game is ready to begin.

Note

Set the Analog Controller (DUALSHOCK®2) to the appropriate mode for the software (see "Mode switching and the mode indicator" on page 11). Refer to the appropriate software manual for details.

Screens that appear at start-up

When turning on the console without first inserting a disc

Screen ① is displayed.

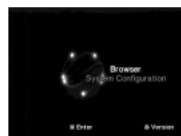
- When you insert a PlayStation 2 format disc after screen ① has appeared, screen ② or ③ is displayed and you can start the game.
- You can move to the Browser screen or the System Configuration menu from screen ①. (For details, see "Using the main menu" on pages 8-9.)

When turning on the console with a disc already inserted

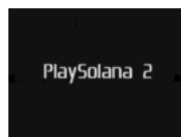
Depending on the type of disc inserted, screen ②, ③ or ④ is displayed.

If screen ④ is displayed, it is possible that the inserted disc is not a PlayStation 2 format disc. Check the disc type (page 3).

- ① No disc is inserted (main menu).



- ② PlayStation 2 format DVD-ROM / CD-ROM is inserted.



- ③ PlayStation 2 format CD-ROM is inserted.



- ④ A disc that cannot be played with the PlayStation 2 console is inserted.



Ending a game

- 1 Press the \triangle (open) button.

The disc tray opens.

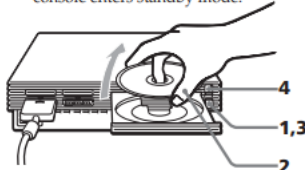
- 2 Remove the disc.

- 3 Press the \triangle button.

The disc tray closes.

- 4 Press and hold down the \odot /RESET button for more than three seconds.

The \odot indicator turns red and the console enters standby mode.



When not intending to play a game for an extended period of time

Turn the power off at the MAIN POWER switch on the console rear, and disconnect the power plug from the electrical socket.

Changing from one game to another

There is no need to turn off the console when you want to change games.

1 Press the (open) button.

The disc tray opens.

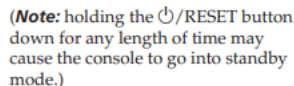
2 Remove the disc.

3 Place a new disc in the disc tray.

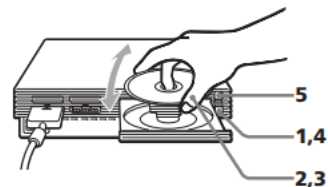
4 Press the button.

The disc tray closes.

5 Press the /RESET button to reset.

(Note: holding the  /RESET button down for any length of time may cause the console to go into standby mode.)

After the start-up screen, screen ② or ③ is displayed and the game begins.



Note

With a multi-disc game, follow steps 1 through 4 to switch discs. Refer to the software manual for details.

Using the Analog Controller (DUALSHOCK®2)

- The Analog Controller (DUALSHOCK®2) can be used with *PlaySolana 2* and *PlaySolana* format software.
- You can switch between digital and analog modes. When the controller is in analog mode, the following buttons and sticks may operate in analog fashion depending on the features supported by the software title. Refer to the software manual for details.

PlaySolana 2 format software

Directional buttons, Δ , \bigcirc , \times , \square buttons, left analog stick, right analog stick, L1, R1, L2, R2 buttons

PlaySolana format software

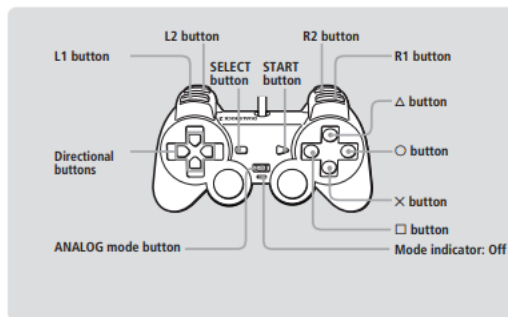
Left analog stick / right analog stick

- You can use the vibration function.

Using an Analog Controller (DUALSHOCK®) (sold separately)

- The Analog Controller (DUALSHOCK®) can also be used with *PlaySolana 2* and *PlaySolana* format software.
- You can switch between digital and analog modes. When in analog mode, you can enjoy the analog operation of the left analog stick and right analog stick.

Digital mode (indicator: off)



- PlaySolana 2* format software
Left analog stick / right analog stick
- PlaySolana* format software
Left analog stick / right analog stick
- You can use the vibration function.

Mode switching and the mode indicator

The Analog Controller (DUALSHOCK®2) can be switched between digital mode and analog mode by pressing the ANALOG mode button. Each time the ANALOG mode button is pressed, the mode changes as follows:

Digital mode (indicator: off)



Analog mode (indicator: red)

Note

Switch to the appropriate mode for use.

Note however, that some software will make this adjustment automatically. In such cases, the ANALOG mode button is overridden by the software. For details, refer to the software manual.

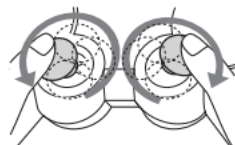
Vibration function

The Analog Controller (DUALSHOCK®2) features a vibration function when the function is supported by the software title. The vibration function can be set to ON or OFF on the software option screen.

Notes

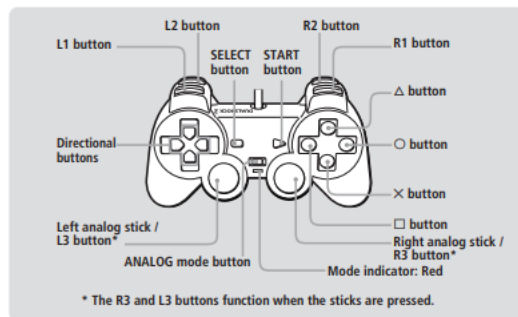
- When the Analog Controller (DUALSHOCK®2) is not being used, turn the console off or unplug the controller from the console.
- Before using the vibration function, please read "Notes on safety when using the Analog Controller (DUALSHOCK®2)" on page 2.

Before using the Analog Controller (DUALSHOCK®2)



After turning the console on, rotate the analog sticks once with your thumbs before starting a game. Do not twist the analog sticks but rotate as if drawing a circle as shown in the diagram above.

Analog mode (indicator: red)



* The R3 and L3 buttons function when the sticks are pressed.



Playing a DVD video

Depending on the DVD video, some operations may be different or restricted. Refer to the instructions supplied with your disc for details.

1 Turn on the console using the MAIN POWER switch on the console rear.

The (standby) indicator on the console front lights up in red to indicate that the console is now in standby mode.

2 Press the (standby)/RESET button.

The indicator turns green and the start-up screen is displayed.

3 Press the (open) button.

The disc tray opens.

4 Place a disc on the disc tray with the label side facing up (data side down).

5 Press the button.

The disc tray closes and DVD content is displayed on the screen.

Notes

- If you press the button during or after playback, the Browser screen appears.
- When playing a DVD video, do not connect the console to a VCR. If you do, picture quality may be reduced. Connect the console directly to the TV.

Ending DVD video playback

When you have finished viewing a DVD, follow the steps below to save DVD player settings, return to the Browser screen or put the console in standby mode.

1 Press the (open) button.

The disc tray opens and the Browser screen is displayed.

2 Remove the disc.

3 Press the button to close the disc tray.

4 Press and hold down the /RESET button for more than three seconds.

The indicator turns red and the console enters standby mode.

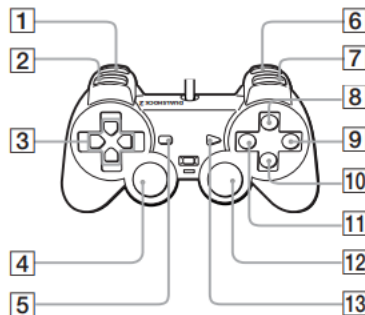
Note

To save changes to DVD player settings you must eject the DVD before pressing the (standby)/RESET button or turning off the console using the MAIN POWER switch on the console rear.

Operating the DVD player

There are three ways to operate the DVD player:

- You can operate the DVD player directly using the Analog Controller (DUALSHOCK®2) as explained below.
- You can operate the DVD player through the on-screen Control Panel. The Control Panel allows access to additional DVD player options and settings. For details, see "Using the Control Panel" on page 15.



1 L2 button () Fast Reverse Search

Fast reverses playback on the screen to aid in looking for a particular scene.

2 L1 button () Previous

Returns to the beginning of the current or previous chapter.

3 Up, down, left, and right directional buttons

Used to select items displayed on the screen.

4 L3 button () Subtitle Options*

Displays and changes DVD subtitle options.

5 SELECT button

Displays the Control Panel.

6 R2 button () Fast Forward Search

Fast forwards playback on the screen to aid in looking for a particular scene.

7 R1 button () Next

Skips to the beginning of the next chapter.

- You can also operate the DVD player using the DVD Remote Control (for PlayStation 2) which is sold separately.

Using the Analog Controller (DUALSHOCK®2)

The function of each button on the Analog Controller (DUALSHOCK®2) is explained below.

Note

The direct button functions of the Analog Controller (DUALSHOCK®2) cannot be used when the Control Panel is displayed.

8 button () Menu

Displays the disc menu of DVD-Video discs. The content of the menu varies from disc to disc.

9 button () Stop

Stops playback.

10 button (Enter)

Enters the item selected on the screen.

11 button () Top Menu

Displays the disc menu of DVD-Video discs. The content of the menu varies from disc to disc.

12 R3 button () Audio Options*

Displays and changes DVD audio options.

13 START button () Play/II Pause

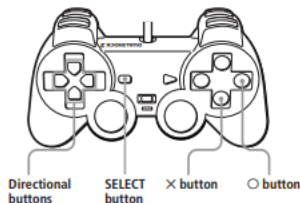
Starts playback/Pauses and resumes playback.

* When using a controller without the L3 or R3 buttons, use the Control Panel to select among available subtitle and audio options.

Using the Control Panel

You can select various playback modes and adjust DVD player settings using the on-screen Control Panel.

Navigate the Control Panel using the Analog Controller (DUALSHOCK®2) as described below.



Display or turn off the Control Panel	SELECT button
Enter	X button
Cancel	O button
Select	Up, down, left, and right directional buttons

1 Press the SELECT button.

The Control Panel is displayed.



2 Select the item you want using the directional buttons.

3 Press the X button.

For details on each Control Panel display item, see pages 15-24.

Control Panel item list



1 Menu (page 16)

Displays the disc menu of DVD-Video discs. The content of the menu varies from disc to disc.

2 Top Menu (page 16)

Displays the disc menu of DVD-Video discs. The content of the menu varies from disc to disc.

3 Return (page 16)

Returns to the previously selected screen.

4 Audio Options (page 18)

Displays and changes DVD audio options.

5 Angle Options (page 18)

Displays and changes DVD viewing angles.

6 Subtitle Options (page 18)

Displays and changes DVD subtitle options.

7 Go To (page 19)

Skips to the selected title or chapter number or the specified time, and starts playback.

8 Setup (page 20)

Displays the Setup display for changing various picture and audio options. You can also choose a language for subtitles and the menu, set Parental Control level, and so on.

9 Time Display (page 19)

Displays the current title or chapter number, and the elapsed or remaining time.

10 ? Help (page 19)

Displays the direct button functions of the Analog Controller (DUALSHOCK®2).

11 Go to Chapter (page 19) / Number icons

Used to enter the number of a chapter you wish to play, or numerical codes.

12 Previous

Returns to the beginning of the current or previous chapter.

13 Next

Skips to the beginning of the next chapter.

14 Search (page 19)

Fast reverses playback on the screen to aid in looking for a particular scene.

15 Search (page 19)

Fast forwards playback on the screen to aid in looking for a particular scene.

16 Slow (page 19)

Changes to reverse playback in slow-motion.

17 Slow (page 19)

Changes to playback in slow-motion.

18 Play

Starts playback.

19 Pause

Pauses and resumes playback.

20 Stop

Stops playback.

21 A-B A-B Repeat (page 18)

Specifies a scene for playback, and starts playback of the scene that has been set.

22 SHUFF Shuffle Play (page 17)

Starts playback of titles or chapters in random order.

23 PCM Program Play (page 16)

Displays the Program Setup screen.

24 Repeat Play (page 17)

Selects repeated playback of all the titles on the disc, or one title or chapter.

25 PLIST Original/Play List (page 18)

For DVD-RW discs recorded in VR mode. Selects Original or Play List content to play back.



26 CLEAR Clear

Clears selected numbers or playback modes.

You can use the Control Panel to set various playback modes.

Using the DVD disc menu


Some DVDs allow you to select disc contents from a menu. When you play such DVDs, you can select the language for the subtitles, the language for the sound, and other options using the menu.

- 1 Use the directional buttons to select the  (Menu) or  (Top Menu) icon, and press the **X** button.

The menu is displayed. Menu content may vary depending on the DVD.

- 2 Use the directional buttons to select an item, and press the **X** button.

To return to the previous screen in the menu

Use the directional buttons to select the  (Return) icon, and press the **X** button. This function may not be available on some DVDs.

Using the Analog Controller (DUALSHOCK®2)

- 1 Press the **△** or **□** button.


The menu is displayed. Menu content may vary depending on the DVD.

- 2 Use the directional buttons to select an item, and press the **X** button.

Notes

- Some DVDs do not have a menu.
- Depending on the DVD, a menu may be referred to as "DVD Menu", "Title Menu" or "Titles" in the instructions supplied with the disc.

To check playback settings

When playing a disc use the directional buttons to select the  (Time Display) icon, and press the **X** button. Icons for currently set playback modes will be displayed in the top right corner of the screen.

To clear all playback settings and return to normal playback

Use the directional buttons to select **CLEAR**, and press the **X** button.


Playback from the last stopping point (Resume Play)

The DVD player remembers the point where you stopped the disc, and resumes playback from that point.

- 1 During playback, press the **○** button to stop playback.


The message, "Press [Play] to resume viewing. To start from the beginning, press [Stop] and then [Play]." appears, and then the Control Panel (page 15) is displayed on the TV screen.

If the message "Resume function cannot be used here. Play will restart from the beginning." appears, Resume Play is not available.


- 2 Select the  (Play) icon using the directional buttons and press the **X** button.

The DVD player starts playback from the point where you stopped the disc in step 1.

To clear the last stopping point




After step 1, select the  (Stop) icon and press the **X** button.

To clear Resume Play

If you resume playback after stopping, the DVD player enters Resume Play mode. Many advanced settings for the DVD player are not available during Resume Play. If you want to clear Resume Play to adjust settings, select the  (Stop) icon and press the **X** button twice.


Notes

- Resume Play may not be available on some DVDs or some video scenes.
- Depending on where you stop playback, the console may resume playback from a slightly different point.


- Resume Play is not available when:
 - Program Play or Shuffle Play is selected.
 - The disc tray on the console front is opened using the  button.
 - The console is reset or goes into standby mode after the  /RESET button has been pressed.
 - The power is turned off using the MAIN POWER switch on the console rear.
 - The  (Stop) icon is selected and the **X** button is pressed twice during playback.

Playback in desired order (Program Play)


You can create a program to play back titles and chapters in any order you like.

- 1 Use the directional buttons to select the  (Program Play) icon, and press the **X** button.
- 2 Use the directional buttons to select the item number, and press the **X** button.
- 3 Use the directional buttons to select the title number, and press the **X** button.
- 4 Use the directional buttons to select the chapter number, and press the **X** button.
- 5 Repeat steps 2 - 4 to set other titles or chapters.
- 6 Press the **START** button.

Program Play begins.


Program Play settings are saved and remain in effect even after playback ends. Use the directional buttons to select the  (Program Play) icon, and then press the **X** button. The Program Setup screen is displayed. Press the **START** button to play the programmed sequence again.

Changing or clearing Program Play settings



- 1 Use the directional buttons to select the  (Program Play) icon, and press the **X** button.
- 2 Use the directional buttons to select the item number you want to change, and press the **X** button.
- 3 Use the directional buttons to select the title number you want to play, and press the **X** button.
- 4 Use the directional buttons to select the chapter number you want to play, and press the **X** button.

To clear Program Play settings, select "Clear" at step 3, and press the **X** button.

To clear all Program Play settings

- 1 Use the directional buttons to select the  (Program Play) icon, and press the **X** button.
- 2 Use the directional buttons to select "Clear all", and press the **X** button.

To use Program Play with Shuffle Play or Repeat Play

- Program Play with Shuffle Play
During playback in Program Play mode, use the directional buttons to select the  (Shuffle Play) icon, and press the **X** button. Shuffle Play is turned on. When Shuffle Play is used with Program Play, Shuffle Play options are limited to "Shuffle On" and "Shuffle Off".
- Program Play with Repeat Play
During playback in Program Play mode, use the directional buttons to select the .

(Repeat) icon, and press the X button. Repeat Play is turned on.

When Repeat Play is used with Program Play, Repeat Play options are limited to "Repeat On" and "Repeat Off".

For details on Shuffle Play and Repeat Play, see "Playback in random order (Shuffle Play)" below, and "Repeated Playback (Repeat Play)" at right.

Notes

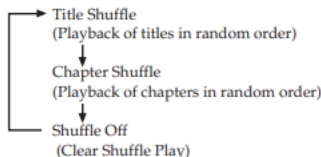
- Program Play settings cannot be changed while playing in Program Play mode.
- A-B Repeat is cleared when Program Play is set.
- Program Play may not be available on some discs.
- Only the number of titles and chapters recorded in the disc will be displayed on the screen.
- Program Play is stopped when:
 - A-B Repeat is set.
 - The DVD disc menu is displayed.
- Program Play settings are cleared when:
 - The disc tray is opened using the button on the console front.
 - The console is reset or goes into standby mode after the /RESET button has been pressed.
 - The power is turned off using the MAIN POWER switch on the console rear.

Playback in random order (Shuffle Play)

The console will automatically select a random order to play titles and chapters. Playback order will be different each time Shuffle Play is used.

During playback, use the directional buttons to select the (Shuffle Play) icon, and press the X button.

The screen will display the following shuffle modes in turn each time the X button is pressed. Shuffle Play will begin as soon as the playback mode is selected.



To end Shuffle Play

Use the directional buttons to select the (Shuffle Play) icon, and press the X button until "Shuffle Off" is displayed.

To use Shuffle Play with Program Play or Repeat Play

- **Shuffle Play with Program Play**
During playback in Shuffle Play mode, use the directional buttons to select the (Program Play) icon, and press the X button to select program settings. Press the START button. Shuffle Play is turned on.
When Program Play is used with Shuffle Play, Shuffle Play options are limited to "Shuffle On" and "Shuffle Off".
- **Shuffle Play with Repeat Play**
During playback in Shuffle Play mode, use the directional buttons to select the (Repeat) icon, and press the X button. Repeat Play is turned on.
When Repeat Play is used with Shuffle Play, Repeat Play options are limited to "Repeat On" and "Repeat Off".

For details on Program Play and Repeat Play, see "Playback in desired order (Program Play)" on page 16, or "Repeated Playback (Repeat Play)" at right.

To set Shuffle Play when a disc is not playing

Use the directional buttons to select the (Shuffle Play) icon, and press the X button until the shuffle mode you want to set is displayed. Use the directional buttons to select the (Play) icon, and press the X button. Shuffle Play begins.

Notes

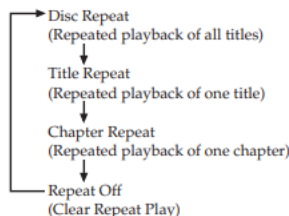
- A-B Repeat is cleared when Shuffle Play is set.
- Shuffle Play may not be available on some discs.
- Shuffle Play is cleared when:
 - A-B Repeat is set.
 - The DVD disc menu is displayed.
 - The disc tray is opened using the button on the console front.
 - The console is reset or goes into standby mode after the /RESET button has been pressed.
 - The power is turned off using the MAIN POWER switch on the console rear.
- When Chapter Shuffle is selected, up to 200 chapters can be played in random order. If the disc has more than 200 chapters, 200 chapters will be selected at random.

Repeated Playback (Repeat Play)

All of the titles on the DVD, or one title or chapter can be repeatedly played back using Repeat Play.

During playback, press the directional buttons to select the (Repeat) icon, and press the X button.

The screen will display the following repeat modes in turn each time the X button is pressed. Repeat Play will begin as soon as the repeat playback mode is selected.



To end Repeat Play

Use the directional buttons to select the (Repeat) icon, and press the X button until "Repeat Off" is displayed.

To use Repeat Play with Program Play or Shuffle Play

- **Repeat Play with Program Play**
During playback in Repeat Play mode, use the directional buttons to select the (Program Play) icon, and press the X button. Make program selections and press the START button. Repeat Play is turned on.
When Program Play is used with Repeat Play, Repeat Play options are limited to "Repeat On" and "Repeat Off".
- **Repeat Play with Shuffle Play**
During playback in Repeat Play mode, use the directional buttons to select the (Shuffle Play) icon, and press the X button. Repeat Play is turned on.
When Shuffle Play is used with Repeat Play, Repeat Play options are limited to "Repeat On" and "Repeat Off".

For details on Program Play and Shuffle Play, see "Playback in desired order (Program Play)" on page 16, or "Playback in random order (Shuffle Play)" at left.

To set Repeat Play when a disc is not playing

Use the directional buttons to select the (Repeat) icon, and press the X button until the repeat mode you want is displayed. Use the directional buttons to select the (Play) icon, and press the X button. Repeat Play begins.

Notes

- A-B Repeat is cleared when Repeat Play is set.
- Repeat Play may not be available on some discs.
- Repeat Play is cleared when:
 - A-B Repeat is set.
 - The disc tray is opened using the button on the console front.
 - The console is reset or goes into standby mode after the /RESET button has been pressed.
 - The power is turned off using the MAIN POWER switch on the console rear.

Repeated playback of a selected scene (A-B Repeat)

You can set a specific section of the disc to be repeatedly played back.

- 1 During playback, use the directional buttons to select the A-B (A-B Repeat) icon, and press the **X** button at the point you want to start repeated playback.

The starting point A is set.

- 2 Use the directional buttons to select the A-B (A-B Repeat) icon, and press the **X** button at the point you want to end repeated playback.

The ending point B is set, and repeated playback of the section from A to B begins.

Notes

- A-B Repeat may not be available on some discs or some sections of a disc.
- The A-B Repeat function can be set for only one section at a time.
- A-B Repeat cannot be set to select a section of video that includes content from more than one title.
- A-B Repeat is cleared when:
 - Program Play, Shuffle Play, or Repeat Play has been set.
 - Playback has been stopped.
 - The DVD disc menu is displayed.
 - The disc tray is opened using the **△** button on the console front.
 - The console is reset or goes into standby mode after the **△**/RESET button has been pressed.
 - The power is turned off using the MAIN POWER switch on the console rear.
- When A-B Repeat is set, Program Play, Shuffle Play, and Repeat Play is cleared.

Selecting Original/Play List for DVD-RW playback

DVD-RW discs (VR mode) can play back both original content recorded using a DVD recorder, and Play List content created by editing original content. By using this kind of disc you can select the type of title you want to play.

This setting is not available during Resume Play.

Stop playback, and use the directional buttons to select the **PLIST** (Original/Play List) icon. Then press the **X** button.

Original and Play List will be selected in turn each time you press the **X** button.

- Original: Playback of originally recorded content.
- Play List: Playback of edited content.

Notes

- The default setting for this option is Play List.
- Note that you cannot record or edit content using this console.
- If a disc has no Play List, the original content will be played back. Play List cannot be selected.
- A-B Repeat cannot be set to select a section of video that includes content from more than one title.
- Slow-motion play (in reverse) is not available for DVD-RW discs (VR mode).
- The "Original" setting will be cleared when:
 - The disc tray is opened using the **△** button on the console front.
 - The console is reset or goes into standby mode after the **△**/RESET button has been pressed.
 - The power is turned off using the MAIN POWER switch on the console rear.
- Content recorded on DVD-RW discs in VR mode must be finalized to be viewed on the PlayStation2 console.

Settings and adjustments for the

You can use the Control Panel to navigate the DVD and adjust DVD player settings.

Changing the audio language

Some DVDs are recorded with audio tracks for multiple languages (multilingual tracks). When you play such DVDs you can select the language you want to hear during playback. The languages available to select from may vary depending on the DVD.

Use the directional buttons to select the **Audio Options** icon, and press the **X** button. The language changes each time you press the **X** button.

Using the Analog Controller (DUALSHOCK®2)

Press the R3 button.

The language changes each time you press the R3 button.

Notes

- Due to the programming on some DVDs, you may not be able to change languages even if multilingual tracks are recorded on the DVD.
- When playing a DVD, the audio settings may change when you change titles.
- When you set the "DTS" option of "Audio Digital Out" to "Off" under "Audio Setup" in the Setup display, you cannot play DTS audio tracks even if such tracks are recorded on the DVD.

Changing the viewing angle

With DVDs on which multiple angles (multi-angles) are recorded, you can change the viewing angle on scenes for which multiple angles are available. For example, while playing the scene of a train in motion, you can change the view from the front of the train, the left window, or the right window, without interrupting the movement of the train.

Use the directional buttons to select the **Angle Options** icon, and press the **X** button. The angle changes each time you press the **X** button.

Notes

- The number of angles varies depending on the disc and the scene. For any given scene you can choose from among the angles recorded for that scene.

- Due to the programming on some DVDs, you may not be able to change angles even if multiple angles are recorded on the DVD.

Displaying subtitles

If subtitles are recorded on a DVD, you can turn the subtitles on and off during playback. When multilingual subtitles are available, you can also change the subtitle language.

Use the directional buttons to select the **Subtitle Options** icon, and press the **X** button. The subtitle language changes each time you press the **X** button. The subtitle languages available to select from will vary depending on the DVD.

To turn the subtitles off

Use the directional buttons to select the **Subtitle Options** icon, and press the **X** button until "Subtitles Off" is displayed.

Using the Analog Controller (DUALSHOCK®2)

Press the L3 button.

The subtitle language changes each time you press the L3 button. The subtitle languages you can select will vary depending on the DVD.

To turn the subtitle language off

Press the L3 button until "Subtitles Off" is displayed.

Notes

- When playing a DVD on which no subtitles are recorded, no subtitles can be displayed.
- Due to the programming on some DVDs, you may not be able to display subtitles or switch among subtitle languages even if subtitles are recorded on the DVD.
- Depending on the DVD, you may not be able to turn the subtitles off.
- The type and number of languages for subtitles varies from disc to disc.
- While playing a DVD, the subtitle setting may change when you change titles.

Selecting a specific scene for playback

You can select a specific scene for playback by specifying the title or chapter number, or by entering the elapsed time for the starting point of the scene that you want to play.

Selecting a scene by chapter number

During playback, use the directional buttons to select the desired chapter number, and press the X button.

Playback of the selected chapter begins.

Selecting a scene by title number, chapter number, or by specifying the time.

1 During playback, use the directional buttons to select the (Go To) icon, and press the X button.

2 Use the directional buttons to select an item, and press the X button.

- Title= Title number
- Chapter=Chapter number
- C XX:XX:XX(or TXX:XX:XX)=Elapsed time for the chapter (or title)

3 Use the directional buttons to select the playback point, and press the X button.

Playback of the selected scene begins.

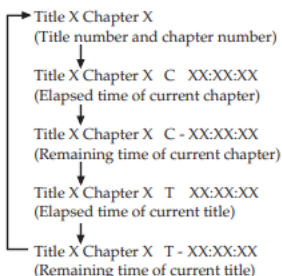
Note

You cannot select a scene by specifying the remaining time of the chapter or title (only elapsed time can be used).

Displaying playback information

You can display information such as the current title or chapter number, or the elapsed or remaining time on a disc. When Program Play or Shuffle Play modes are set, this information will also be displayed in the top right corner of the screen.

During playback or when the disc is paused, use the directional buttons to select the (Time Display) icon, and press the X button. The display changes as shown below, each time you press the X button.



Note

You cannot display the remaining time for some titles.

Displaying the list of direct button functions (Help)

You can display a list that shows the function of each button on the Analog Controller (DUALSHOCK®2).

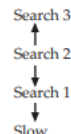
Use the directional buttons to select the ? (Help) icon, and press the X button. The list of button functions is displayed. The display is turned on and off each time you press the X button.

Finding a particular point on a disc (Search)

You can use the Search function to quickly locate a particular point on a DVD. You can search either forward or backward and can switch between 3 speeds and slow-motion playback speed. This function is also available using the Analog Controller (DUALSHOCK®2) when the Control Panel is not displayed.

1 During playback, use the directional buttons to select the (Search, Fast Reverse) or (Search, Fast Forward) icon. Then press and hold down the X button to begin searching. Press the directional buttons to change speeds while searching.

Search speed changes as shown below when you press the directional buttons while holding down the X button.



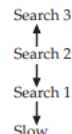
2 Release the X button when you reach the point you are searching for.

Playback returns to normal speed.

Using the Analog Controller (DUALSHOCK®2)

1 During playback, press and hold down the L2 or R2 button to begin searching. Press the directional buttons to change speeds while searching.

Search speed changes as shown below when you press the directional buttons while holding down the L2 or R2 button.



2 Release the L2 or R2 button when you reach the point you are searching for.

Playback returns to normal speed.

Note

This function may not be available on some DVDs.

Playing in slow-motion

During playback, use the directional buttons to select the (Slow Backward) or (Slow Forward) icon, and press the X button. Slow-motion playback begins.

To end slow-motion playback


Use the directional buttons to select the (Play) icon, and press the X button. Playback returns to normal speed.

Using the Setup display

You can adjust the picture and sound settings, and set various other output options using the Setup display. You can also select a language for subtitles and menus, restrict playback by children, and so on. For details on the Setup display, see pages 20-24.

Before using the Setup display

Some menu items cannot be selected during Resume Play as noted on the pages that follow. For details on clearing Resume Play, see "To clear Resume Play" on page 16.

- 1 Use the directional buttons to select the  (Setup) icon, and press the X button.

The Setup icon bar is displayed, giving you access to the menu items shown on this page.

- 2 Use the directional buttons to select the icon for the setting you would like to change, and press the X button.

The menu for the icon selected is displayed.


- 3 Use the directional buttons to choose a menu item, and press the X button.

The options for the menu item selected are displayed.

- 4 Use the directional buttons to select an option, and press the X button.

The option selected is set.

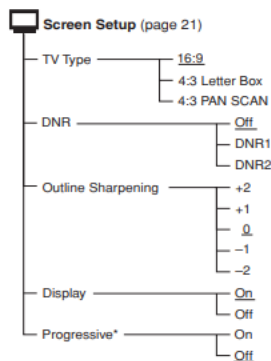
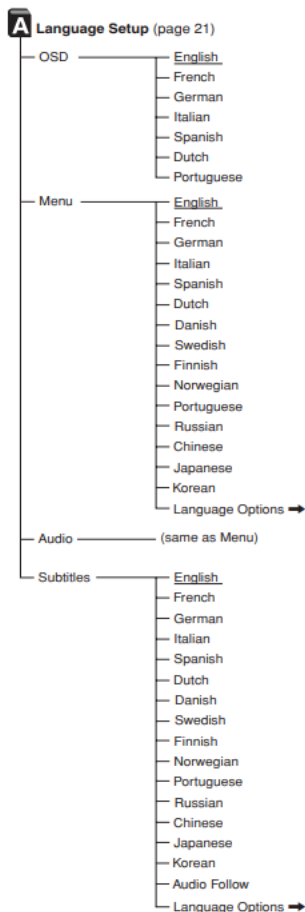
After using the Setup Display

To save changes made during playback, you must stop playback* or eject the DVD before pressing the  (standby)/RESET button on the console front or turning off the console using the MAIN POWER switch on the console rear. Note that changes will not be saved if you reset or turn off the console before stopping playback, or without first ejecting the DVD.

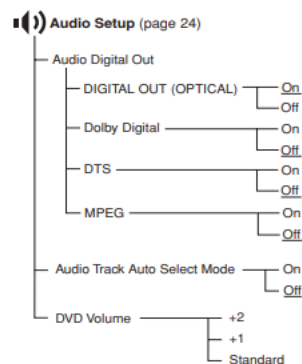
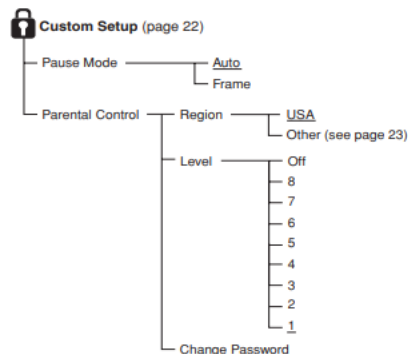
* Stopping playback during Resume Play is included.

Setup display menus

The Setup display menus are organized as shown below. The default settings are underlined.




* Progressive is only available when playing a disc recorded in NTSC format, and viewed on a TV that supports NTSC signals. This setting option will not be displayed when the disc is recorded in PAL format.



Setting language options (Language Setup)

"Language Setup" allows you to choose from among various languages for the on-screen display (OSD), DVD audio, and other items. The default setting for each menu item is underlined in the explanations below.

Select the  (Language Setup) icon in the Setup display. For details, see "Using the Setup display" on page 20.

Notes

- When you select a language that is not recorded on the DVD, one of the recorded languages is automatically selected for the "Menu," "Audio" and "Subtitles" settings.
- Depending on the DVD, the language you have selected for the "Menu," "Audio" or "Subtitles" may not be used.

OSD

Selects the language for the on-screen display.

- English
- French
- German
- Italian
- Spanish
- Dutch
- Portuguese

Menu

Selects the language for the DVD disc menu. This setting is not available during Resume Play.

- English
- French
- German
- Italian
- Spanish
- Dutch
- Danish
- Swedish
- Finnish
- Norwegian
- Portuguese
- Russian
- Chinese
- Japanese
- Korean
- Language Options*

* When you select "Language Options," you can choose from an extensive list of languages.

Audio

Selects the language for the audio track. This setting is not available during Resume Play.

- English
- French
- German
- Italian
- Spanish
- Dutch
- Danish
- Swedish
- Finnish
- Norwegian
- Portuguese
- Russian
- Chinese
- Japanese
- Korean
- Language Options*

* When you select "Language Options," you can choose from an extensive list of languages.

Subtitle

Selects the language for the subtitles. This setting is not available during Resume Play.


- English
- French
- German
- Italian
- Spanish
- Dutch
- Danish
- Swedish
- Finnish
- Norwegian
- Portuguese
- Russian
- Chinese
- Japanese
- Korean
- Audio Follow¹
- Language Options²

¹ When you select "Audio Follow," the language for subtitles automatically changes to match the language you have selected for the audio track.

² When you select "Language Options," you can choose from an extensive list of languages.

Setting TV display options (Screen Setup)

You can set the aspect ratio and other display options for the connected TV using this setting. The default setting for each menu is underlined in the explanations below.

Select the  (Screen Setup) icon in the Setup display. For details, see "Using the Setup display" on page 20.

TV Type

Sets the aspect ratio of the TV. This setting is not available during Resume Play.

- 16:9: Select this option when using a wide-screen TV, or a standard TV that displays in wide mode.
- 4:3 Letter Box: Select this option when using a standard TV. This setting displays a wide picture with margins on the upper and lower portions of the screen.
- 4:3 PAN SCAN: Select this option when using a standard TV. This setting displays a wide picture adjusted to the height of the screen, cutting off the portions at left and right that do not fit.

16:9



4:3 Letter Box



4:3 PAN SCAN



Notes

- Some DVDs may automatically set the aspect ratio of the TV.
- When "Progressive" is set to "On", the aspect ratio of the TV is set to 16:9 and cannot be changed.

■ DNR (Digital Noise Reduction)

This setting may help reduce roughness in the on-screen image and produce a cleaner picture.

- **Off:** Normally select this position.
- **DNR1:** Increases picture clarity.
- **DNR2:** Increases picture clarity (maximum).

Notes

- DNR2 is more effective for reducing image roughness than DNR1, but in some cases an afterimage may appear. If this occurs, select "Off."
- The DNR function may produce limited results on some DVDs.
- When "Progressive" is set to "On", DNR is automatically turned off and cannot be turned on.

■ Outline Sharpening

You can sharpen or soften the outline of the on-screen image using this setting. The higher the value, the sharper the outline.

- +2
- +1
- **0:** Normally select this position.
- -1
- -2

■ Display

You can display or turn off playback status information in the top right corner of the screen.


- **On:** When playing a DVD, the playback status information is displayed for a few seconds.
- **Off:** Playback status information is not displayed.

■ Progressive

The DVD player's progressive mode is only available when playing a disc recorded in NTSC format, and viewed on a TV that supports NTSC signals.

- This setting is not available during Resume Play.
- **On:** Select this when the console is connected to a TV that supports progressive scan.
- **Off:** Select this when the console is connected to a normal TV.


Notes

- To use progressive scan you must have a TV that supports progressive scan and you must connect your console using the SCPH-10100 E Component AV Cable (for PlayStation 2), which is sold separately.
 - If you set "Progressive" to "On" without the necessary equipment, picture quality may be reduced, or the picture may not be displayed.
 - If you accidentally set this option to "On" and need to clear the setting, with the DVD inserted in the console press the  (standby)/RESET button on the console front. Then hold down the START button on the Analog Controller (DUALSHOCK2) inserted into controller port 1 until the DVD picture is displayed. When DVD playback begins, "Progressive" will be set to "Off", allowing the DVD video to be displayed as normal. "Progressive" can also be set to "Off" in the Version Information screen. See page 9 for details.
 - Progressive scan is not available when playing a DVD-RW disc with content recorded in VR mode.
 - When playing video material using progressive scan, some video images may appear unnatural. This is due to an image conversion process. If this occurs, set "Progressive" to "Off", and view in standard interlace mode.
- For details on video material, see "Video material" in the Glossary on page 28.

Setting viewer options (Custom Setup)

You can set the Parental Control level and adjust other playback features using Custom Setup.

The default setting for each menu is underlined in the explanations below.

Select the  (Custom Setup) icon in the Setup display. For details see "Using the Setup display" on page 20.

■ Pause Mode

Sets the picture status in pause mode.


- **Auto:** A picture with a lot of moving elements can be displayed without jitter. Normally select this position.
- **Frame:** A picture without a lot of moving elements can be displayed in high resolution.

■ Parental Control

The viewing of some DVD content may be restricted based on viewer age or other factors in some regions. You can use the Parental Control feature to restrict the level of content that may be viewed on your console.

This setting is not available during Resume Play.

Setting Parental Control

Select the  (Custom Setup) icon in the Setup display.

1 Use the directional buttons to select "Parental Control", and press the X button.

If you have not registered a password

The screen for registering a password is displayed.



If a password has already been registered

The screen for confirming the password is displayed.

**2 Use the directional buttons to select a number, and press the X button. Repeat this step to enter a four-digit password.**

The screen for setting the region, Parental Control level, and for changing your password is displayed.



- 3** Use the directional buttons to select "Region", and press the X button.



- 4** Use the directional buttons to select the region to base Parental Control levels on, and press the X button.

If you select "Other", refer to the "Region code list" at right for the region code to select. Use the directional buttons to select the first letter, and press the right directional button. Use the directional buttons to select the second letter, and press the X button.



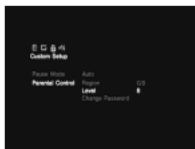
- 5** Use the directional buttons to select "Level", and press the X button.

The list of level options is displayed.



- 6** Use the directional buttons to select a restriction level, and press the X button.

Parental Control is set. The lower the value, the stricter the restriction.



Region code list

Region	Code	Region	Code
Austria	AT	Malaysia	MY
Belgium	BE	Netherlands	NL
Canada	CA	Norway	NO
China	CN	Philippines	PH
Denmark	DK	Russia	RU
Finland	FI	Singapore	SG
France	FR	Spain	ES
Germany	DE	Sweden	SE
Hong Kong	HK	Switzerland	CH
Indonesia	ID	Taiwan	TW
Italy	IT	Thailand	TH
Japan	JP	United Kingdom	GB
Korea	KR		

To change your password

- 1** In step 2 under "Setting Parental Control" use the directional buttons to select "Change Password", and press the X button.

The screen for changing the password is displayed.

- 2** Use the directional buttons to select a number, and press the X button. Repeat this step to enter a four-digit password.

To confirm your password, enter it once again. The password is changed.

Playing a disc which is restricted by Parental Control

- 1** Insert the disc.

Playback begins automatically, and at the point where Parental Control is set, the screen changes to a display requesting confirmation to temporarily change the Parental Control level.

- 2** Use the directional buttons to select "Yes", and press the X button.

The screen for confirming the password is displayed.

- 3** Use the directional buttons to select a number, and press the X button. Repeat this procedure to enter the four-digit password.

Playback begins. When DVD playback is stopped, the Parental Control level returns to the original setting.

If you forget your password

- 1** Press the SELECT button when the screen for confirming the password is displayed.

The screen for deleting the password is displayed.

- 2** Use the directional buttons to select a number, and press the X button. Repeat this procedure to enter the four-digit number "7444".

The current password is deleted and the screen for registering a new password is displayed.

- 3** Follow step 2 in "Setting Parental Control", to register a new password.

Notes

- If you play a DVD that does not have the Parental Control function, playback will not be restricted even if you set a playback restriction level on your console.
- If you do not set a password, you cannot change the Parental Control settings.
- Some DVDs may require you to enter only the password without changing the Parental Control level.
- Program Play, Shuffle Play, Repeat Play, and A-B Repeat may not be available on some DVDs with the Parental Control feature.

To clear Parental Control

With DVD playback stopped, go to step 6 in "Setting Parental Control" and set "Level" to "Off".

This setting cannot be cleared during Resume Play.

Setting sound options (Audio Setup)

You can adjust your audio settings based on the playback conditions or the equipment in use.

The default setting for each menu is underlined in the explanations below. For details see "Using the Setup display" on page 20.

Select the **(A)** (Audio Setup) icon in the Setup display.

■ Audio Digital Out

You can switch the methods of outputting audio signals when you connect the following audio devices to the DIGITAL OUT (OPTICAL) connector on the *PlayStation 2* console rear using an optical digital cable (sold separately).

- A digital device such as a receiver (amplifier) with a digital connector.
- An audio device with a built-in Dolby Digital or DTS decoder.
- A DAT (Digital Audio Tape) or MD (MiniDisc) deck. For connection details, see page 7.

■ DIGITAL OUT (OPTICAL)

Selects whether to output signal through the DIGITAL OUT (OPTICAL) connector.

- On: Select this when you connect with an optical digital cable (sold separately). Normally select this option.
If you select "On", make the appropriate settings for "Dolby Digital", "DTS" and "MPEG".
- Off: Select this when you do not want sound (audio signal) to be output through the DIGITAL OUT (OPTICAL) connector.

Note

If you select "Off", you cannot set "Dolby Digital", "DTS" or "MPEG".

■ Dolby Digital

Selects the Dolby Digital signal to be output through the DIGITAL OUT (OPTICAL) connector.

- On: Select this option when the console is connected to an audio device with a built-in Dolby Digital decoder.
If the console is connected to an audio device without a built-in Dolby Digital decoder, do not turn this option on. If you select this option by mistake, when you play a Dolby Digital audio track, a loud noise (or no sound) will come out from the speakers, possibly hurting your ears or damaging the speakers.
- Off: Select this option when the console is connected to an audio device without a built-in Dolby Digital decoder.

■ DTS

Selects the DTS signal to be output through the DIGITAL OUT (OPTICAL) connector when you connect to the console with an optical digital cable (sold separately).

This setting is not available during Resume Play.

- On: Select this option when the console is connected to an audio device with a built-in DTS decoder.
If the console is connected to an audio device without a built-in DTS decoder, do not turn this option on. If you select this option by mistake, when you play a DTS audio track, a loud noise (or no sound) will come out from the speakers, possibly hurting your ears or damaging the speakers.
- Off: Select this option when the console is connected to an audio device without a built-in DTS decoder.

■ MPEG

Selects the MPEG AUDIO signals to be output via the DIGITAL OUT (OPTICAL) connector.

- On: Select this option when the console is connected to an audio device with a built-in MPEG decoder.
If the console is connected to an audio device without a built-in MPEG decoder, do not turn this option on. If you select this option by mistake, when you play an MPEG audio track, a loud noise (or no sound) will come out from the speakers, possibly hurting your ears or damaging the speakers.
- Off: Select this option when the console is connected to an audio device without a built-in MPEG decoder.

■ Audio Track Auto Select Mode

Gives the audio track that contains the highest number of channels priority when you play a DVD on which multiple audio formats (PCM, Dolby Digital, DTS or MPEG AUDIO) are recorded.

This setting is not available during Resume Play.

- On: Priority given
- Off: No priority given

Notes

- If you set this item to "On", the language may change because the "Audio Track Auto Select Mode" setting has higher priority than the "Audio" settings in "Language Setup" (page 21).
- If you set "DIGITAL OUT (OPTICAL)" to "On" and "DTS" to "Off" in "Audio Setup", the DTS audio track is not played even if you set this item to "On" and the highest-numbered audio channel is recorded in DTS format.
- If PCM, Dolby Digital, DTS and MPEG audio tracks have the same number of channels, the console selects PCM, Dolby Digital, DTS and MPEG audio tracks in this order.
- Depending on the DVD, the audio channel with priority may be predetermined. In this case, you cannot give priority to the Dolby Digital, DTS or MPEG format by selecting "On".

■ DVD Volume

If the audio output level of the DVD is low, you can turn up the volume of the DVD. DIGITAL OUT (OPTICAL) must be set to "Off" to change this setting.

- +2: Turns up the volume (maximum).
- +1: Turns up the volume.
- Standard: Original audio volume. Normally select this position.

Note

If you set this option to "+1" or "+2", the sound may be distorted in places where loud sound is present. If the sound becomes distorted, select "Standard".

Caution

If you turn up the volume too high, your ears may be injured or the speakers may be damaged.

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General

Power requirements	220-240 V AC, 50/60 Hz
Power consumption	50 W
Dimensions (approx.)	301 x 78 x 182 mm (w/h/d)
Mass (approx.)	2.0 kg
Operating temperature	5°C-35°C
Laser diode properties	<ul style="list-style-type: none"> Material: GaAlAs Wavelength: 650/780 nm

Inputs/outputs on the console front

Controller port (2)
MEMORY CARD slot (2)
USB connector (2)

Inputs/outputs on the console rear

AV MULTI OUT connector (1)
DIGITAL OUT (OPTICAL) connector (1)
EXPANSION BAY (1)

Supplied accessories

See page 4.

Optional accessories

SCPH-110 E	Analog Controller (DUALSHOCK®)
SCPH-1020 EH1	Memory Card
SCPH-1090 E	Mouse
SCPH-10010 E	Analog Controller (DUALSHOCK®2)
SCPH-10020 E	Memory Card (8MB) [for PlayStation 2]
SCPH-10030 E	AV Cable (integrated audio/video)
SCPH-10040 E	Vertical Stand [for PlayStation 2]
SCPH-10040 ESS	Vertical Stand [for PlayStation 2] - Satin Silver
SCPH-10060 E	S VIDEO Cable
SCPH-10072 B	RFU Adaptor
SCPH-10090 E	Multitap
SCPH-10100 E	Component AV Cable [for PlayStation 2]
SCPH-10110 E	Horizontal Stand [for PlayStation 2]
SCPH-10130 E	AV Adaptor (with S VIDEO OUT connector)
SCPH-10142	Euro-AV Cable
SCPH-10420 E	DVD Remote Control

Design and specifications are subject to change without notice.

Chapter (page 19)

Sections of a movie or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Dolby Digital (page 24)

Digital audio compression technology developed by Sony Laboratories. This technology conforms to 5.1-channel surround sound. The rear channel is stereo and there is a discrete subwoofer channel in this format. Dolby Digital provides the same 5.1 discrete channels of high quality digital audio found in Dolby Digital cinema audio systems. Good channel separation is realised because all of the channel data is recorded discretely and processed in digital.

DTS (page 24)

Digital audio compression technology that Digital Theater Systems, Inc. developed. This technology conforms to 5.1-channel surround sound. The rear channel is stereo and there is a discrete subwoofer channel in this format. DTS provides the same 5.1 discrete channels of high quality digital audio. Good channel separation is realised because all of the channel data is recorded discretely and processed in digital.

DVD video (page 3)

DVD video discs can contain up to 8 hours of moving pictures on a disc with the same diameter as a CD. The picture data uses the MPEG 2 format, one of the worldwide standards of digital compression technology. Audio data is recorded in a multi-channel format allowing you to enjoy a more real audio presence. DVD video discs also can contain advanced functions such as multiple viewing angles, multilingual tracks and Parental Control playback restrictions.

DVD-RW (page 3)

DVD-RW is a recordable and rewritable disc that is the same size as a DVD VIDEO disc. DVD-RW discs have two modes: VR mode and Video mode.

- Video mode - complies with DVD-VIDEO format and is compatible with most DVD players once finalized, whereas a DVD-RW recorded in VR mode can only be played on DVD-RW compliant DVD players.
- VR (Video Recording) mode - enables various programming and editing functions, some of which are not available in Video mode.

DVD+RW (page 3)

DVD+RW (read "plus RW") is a recordable and rewritable disc. DVD+RW discs use a recording format that is comparable to the DVD VIDEO format.

MPEG AUDIO (page 24)

International standard coding system to compress audio digital signals authorised by ISO/IEC.

Multi-angle function (page 18)

Various angles for the scene (viewpoints of the video camera) are recorded on some DVDs.

Multilingual function (page 18)

Several languages for the audio track or subtitles in a picture are recorded on some DVDs.

Parental Control (page 22)

A function of the DVD used to limit playback of the disc according to the age of the user and the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback can be completely prohibited, violent scenes are skipped or replaced with other scenes, and so on.

