

Connecting to the Internet

If network settings are already completed, the PS3™ system will automatically connect to the Internet when the system is turned on. The connection will remain active as long as the system is on.

Using the Internet browser

- 1 Select  (Network) →  (Internet Browser), and then press the  button.

The Internet browser opens. A busy icon is displayed while the page is loading.



Basic operations of the Internet browser

Directional buttons	Move the pointer to a link.
Right stick	Scroll in the desired direction.
L1 button	Go back to the previous page.
START button	Enter an address.
 button	Switch between displaying and not displaying the menu.

Viewing the user's guide

You can use the Internet browser to view the online user's guide for the PS3™ system. Select  (Network) →  (Online Instruction Manuals), and then press the  button.

Online user's guide <http://manuals.playstation.net/document/>

This guide contains detailed information about using the PS3™ system software.

Creating a PlayStation®Network account

By creating a PlayStation®Network account, you can enjoy communicating with your Friends or download games or videos from  (PlayStation®Store). Select  (PlayStation®Network) →  (Sign Up for PlayStation®Network), and then press the  button. The screen for creating an account will be displayed.



Hints

- An Internet connection is required to create an account.
- PlayStation®Network service content may vary depending on the region.
- You can also create a PlayStation®Network account at <http://www.us.playstation.com>.

PS3™ system updates

By updating the PS3™ system software, you can add features and/or security patches. Frequently update your system to use the latest version of the system software.

System software updates <http://www.us.playstation.com/ps3>

This site provides the latest information about system software updates.



Use the update data to overwrite the existing system software.

The system software is updated.

Notices

- During an update, do not turn off the system or remove media. If an update is cancelled before completion, the system software may become damaged, and the system may require servicing or exchange.
- During an update, the power button on the system and PS button of the controller are inactive.
- Depending on the content, you may not be able to play without first updating the system software.
- After you have updated the system software, you cannot go back to an earlier version.

Checking the system software version

You can check system version information by selecting  (Settings) →  (System Settings) → [System Information]. The current version is displayed in the [System Software] field.

Update methods

You can perform an update in any of the ways described below.

Network update

You can update by downloading the update data from the Internet. The latest update is automatically downloaded.

Select  (Settings) →  (System Update) → [Update via Internet].

Update using storage media

You can update using the update data saved on a USB flash drive or other media.

Select  (Settings) →  (System Update) → [Update via Storage Media].

Update using disc media

Update data may also be contained in some game discs and other types of disc media. When you play a disc that contains update data, a screen will be displayed to guide you through the update process.

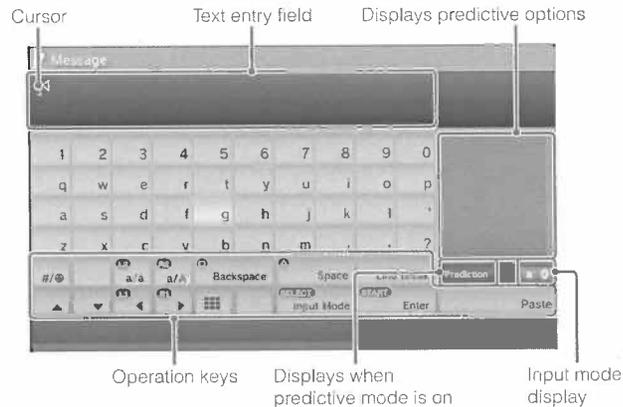
Hint

If you cannot perform an update in any of the ways described above, contact SCEA Consumer Services (→ back cover).

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PS3™ system updates

Using the on-screen keyboard



Entering text

The following steps explain how to enter text, using the word "fun" as an example.

- 1 Select [f] on the keyboard, and then press the (X) button.**
Repeat this step for the characters [u] and [n].
- 2 Select [Enter], and then press the (X) button.**
The characters you entered are confirmed.
- 3 Select [Enter], and then press the (X) button again.**
The text is entered and the keyboard closes.

Hints

- For details about using the on-screen keyboard, refer to the online user's guide (<http://manuals.playstation.net/document/>).
- You can also enter text using a USB keyboard or Bluetooth®-compatible keyboard (both sold separately). With the on-screen keyboard displayed, press any key on the connected keyboard to start entering text.

List of keys

Keys that are displayed vary depending on the input mode and other conditions.

Keys	Explanation
Line Break	Inserts a line break
← → ↵ ⏪ ⏩	Moves the cursor
Backspace	Deletes the character to the left of the cursor
Space	Inserts a space
Input Mode	Switches the input mode
Enter	Confirms characters that have been typed and then closes the keyboard
☰	Switches to the mini-size keyboard
*%# / #/0	Inserts a symbol or emoticon
a/A / A/A	Switches the type of characters to be entered
Paste	Pastes text that has been copied from the Internet browser

Parental control

The PS3™ system includes a parental control feature. You can use this feature to set a password and limit the playback of content restricted by a parental control level (games, videos and other content) for children. For more information on parental control settings, visit <http://www.us.playstation.com>.

Changing the security settings

You can set a parental control level for games or Blu-ray Discs or other content under  (Settings) →  (Security Settings).

A password is required to change parental control settings. You can set a password under  (Security Settings) → [Change Password]. The password is set to "0000" in the default settings.

Parental control levels for games

You can set the parental control level for games under  (Security Settings) → [Parental Control]. Select from [Off] or one of 11 levels.

Off	Play any content regardless of parental control level.
11-1	Set the parental control level based on the number. Note that the lower the number, the tighter the restriction.

The combination of the parental control levels of both the PS3™ system and the content determine whether the content can be played. Example: If the parental control level of the system is set to [7], content with a level from [1] to [7] can be played on the system.

You can see the parental control level of a game or video that you downloaded from  (PlayStation®Store). Select the game or video, and then press the  button. From the options menu, select [Information] to display a screen with the parental control level.

Game rating marks

Most game packaging displays a symbol to indicate the age group that is appropriate to play the game. The symbols correspond to the parental control levels set on the games as shown below.

Age group						
Game parental control level	2	3	4	5	9	10

Based on information at time of publication. For more information, visit <http://www.us.playstation.com/support>. For the latest information about the ESRB rating system, visit <http://www.esrb.org>.

Other security settings

You can set parental control limitations on content other than games under  (Security Settings), as described below.

BD Parental Control	When playing a BD with parental control settings, restrict playback based on the age you have set. The lower the setting, the tighter the restriction.
DVD parental control	When playing a DVD with parental control settings, restrict playback based on the level you have set. Select from [Off] or one of eight levels. The lower the number, the tighter the restriction.
Internet Browser Start Control	Restrict the ability to start the Internet Browser with a password.

Hint

For information about parental control settings for PlayStation®Network content and services, visit <http://www.us.playstation.com/support>.

Parental control

Replacing the hard disk

You can replace the hard disk that is installed in the PS3™ system.

Caution

- Remove the hard disk in a location out of the reach of small children to help prevent accidental swallowing of small parts such as screws.
- The inside of the system is hot directly after use. Allow time for the system to cool down before starting to remove the hard disk.
- Be careful not to injure yourself when removing or handling the screw cover or the hard disk.
- Be sure to reattach the screw cover and the HDD bay cover before turning the PS3™ system on. If these covers are not attached, heat may build up inside the system.
- To attach or remove screws, use an appropriate crosshead screwdriver. If the size does not match, the groove on the screw's head may be damaged.

Notices

- All hard disks, including a PS3™ system's hard disk, must be reformatted before use in a PS3™ system.
- It is recommended that you regularly back up data on the hard disk. If for any reason software or data loss or corruption occurs, it may not be possible to restore or repair the software or data. Sony Computer Entertainment Inc. and its subsidiaries and affiliates will not be liable for damage or injury related to software or data loss or corruption.
- You can back up data stored on the hard disk to a USB mass storage device and restore data that has been backed up. For details, see "Backing up data" (→ page 36).
- Improper removal or installation of a hard disk may cause damage to your PS3™ system or loss of data, and may void your PS3™ system's hardware warranty. SCEA shall not be liable for any resulting damages, including any damages to your hard disk. User assumes all risks and liabilities associated with using a replacement hard disk, including any incompatibility or interoperability problems with the PS3™ system. Services will not be provided on any non-PS3™ system hard disks.
- To help protect your personal information, be sure to clear passwords for all PlayStation®Network accounts before submitting the PS3™ system for service. To clear a password, select  (PlayStation®Network) ⇒  (Sign In), and then from the screen that is displayed, clear the [Save Password] checkbox. Note that if [Sign In Automatically (Auto Sign-In)] is set, the icon for  (Sign In) will no longer be displayed. In that case, you must first clear the auto sign-in option. To clear the auto sign-in option, select  (PlayStation®Network) ⇒  (Account Management), press the  button, and then select [Auto Sign-In Off] from the options menu. After the auto sign-in option is turned off, proceed with the password clearing process.

Backing up data

You can back up data that is saved on the hard disk using either of the following methods.

Notice

It is recommended that you regularly back up data on the hard disk. If for any reason software or data loss or corruption occurs or the hard disk must be initialized during authorized service, it may not be possible to restore or repair the software or data. Sony Computer Entertainment Inc. and its subsidiaries and affiliates will not be held liable for damage or injury related to software or data loss or corruption.

Backing up data in a single operation

You can back up data that is saved on the hard disk to a USB mass storage device in a single operation. Select  (Settings) ⇒  (System Settings) ⇒ [Backup Utility], and then follow the on-screen instructions to perform this operation. You may not be able to back up some content, including some types of copyright-protected data.

Hint

You may not be able to use the backup utility to restore some data. For important data that cannot be backed up, it is recommended that you selectively copy or move the data to a USB storage device before you use the backup utility feature. For details on the backup utility feature, refer to the online user's guide (<http://manuals.playstation.net/document/>).

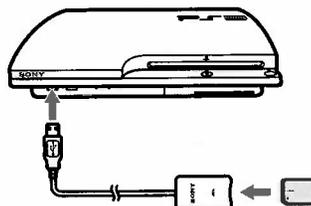
Backing up selected data

The following file types saved on the system's hard disk can be copied or moved to a USB device. Select the file, press the  button, and then select [Copy] or [Move] from the options menu. For some types of video files, you may need to select [Back Up] instead.

File type	Back up destination
Saved data from games; video, music or photo files	USB mass storage device (USB flash drive, etc.)

Hints

- Some data cannot be copied, moved or backed up.
- By using a card reader/writer (USB connector type, sold separately), you can back up files saved on the hard disk to storage media such as a Memory Stick™ or an SD Memory Card.



Removing the hard disk

Caution

- For safety reasons, be sure to turn off and unplug the system before attempting to remove the hard disk.
- The system may not be stable when placed upside down. Be careful not to injure yourself when removing the screw.

1 Press the power button to turn off the system.

The power indicator turns solid red and the system enters standby mode.

2 Unplug the AC power cord, and then disconnect the other cables from the system.

For safety reasons, remove the plug for the power cord from the electrical outlet, and then detach the other cables.

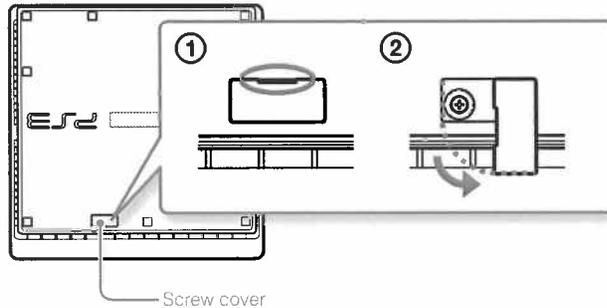
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Replacing the hard disk

Replacing the hard disk

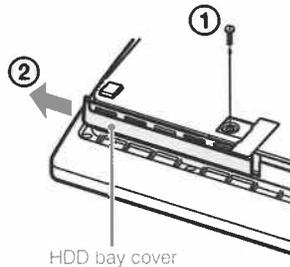
3 Place the system upside down on a soft, dry cloth, and then open the screw cover.

Use the notch located above the screw cover to slightly pull up the cover. Then rotate the cover as shown in the diagram. If the cover is hard to pull up, insert a tool such as a flathead screwdriver in the notch and gently pull the cover up.



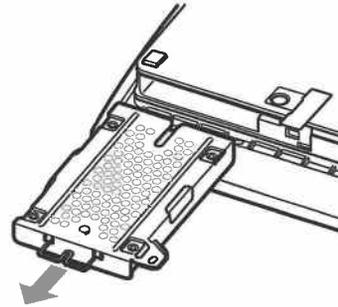
4 Remove the screw that fastens the hard disk in place, and then remove the HDD bay cover.

- ① Remove the blue screw with an appropriate crosshead screwdriver.
- ② Slide the HDD bay cover to the left, and then remove the cover.



5 Remove the hard disk.

Pull the handle upwards, and then pull out the hard disk from the system.



Notices

The hard disk is a sensitive piece of equipment and should be handled with care at all times. To help prevent software or data loss or corruption, or damage to the hard disk, carefully follow the precautions listed below:

- Do not drop the system or hard disk, or subject either device to physical shock or vibration.
- Do not allow liquid or small particles to get into the system or hard disk.
- Do not touch the connectors or insert foreign objects into the connectors.
- Do not place the system or hard disk close to magnetic fields such as those produced by magnets or loudspeakers. Also, do not place devices that may be sensitive to magnetic forces (such as a wrist watch or a credit card) near the hard disk.
- Do not put heavy objects on the hard disk.
- When handling the hard disk, hold it only by the edges or metal frame.
- The hard disk is sensitive to static electricity. Ensure that proper handling methods are used when installing the hard disk.
- Store in a cool, dry location.

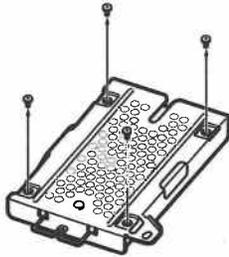
Replacing the hard disk

⚠ Caution

For safety reasons, be sure to turn off and unplug the system before attempting to replace the hard disk.

When replacing the hard disk, follow the procedure below to remove the metal frame.

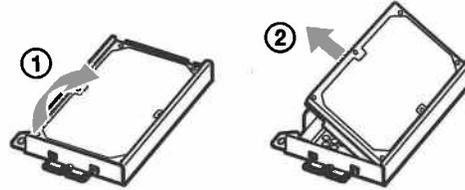
- 1 Using a crosshead screwdriver, remove the screws (4 places).



- 2 Hold the hard disk by the edges, and then turn it over.



- 3 Remove the hard disk from the metal frame.



- 4 Place the replacement hard disk on the metal frame for the PS3™ system's hard disk, and then attach using the screws (4 places).

Do not overtighten the screws.

- 5 Install the hard disk in the system.

Refer to the instructions in "Removing the hard disk" (→ page 37) and follow the steps in reverse order when installing. Be sure to fully insert the hard disk in the HDD bay.

- 6 Reinstall the system software.

After the hard disk has been replaced, the system software must be reinstalled (→ page 40).

Replacement hard disks

You can use hard disks of the following types with the PS3™ system.

Size	2.5 inch (internal type) *1
Interface format	Serial ATA *2

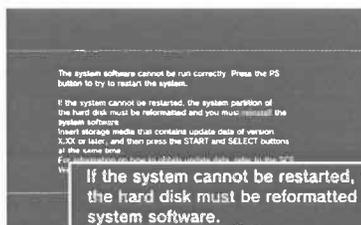
*1 Proper operation is not guaranteed for all models.

*2 Parallel ATA is not supported.

Replacing the hard disk

Reinstalling the system software

If the system software does not start when the system is turned on (such as when the hard disk has been replaced), a screen such as the one shown below is displayed. In this case, you must reinstall the system software using downloaded update data.



If the system cannot be restarted, the system partition of the hard disk must be reformatted and you must reinstall the system software. Insert storage media that contains update data of version X.XX or later, and then press the START and SELECT buttons at the same time.

Downloading system software update data

Using a PC with Internet access, download the system software update data from the website shown below. Follow the instructions available on the website to copy the update data from the PC to storage media.

<http://www.us.playstation.com/PS3>

Hints

- Use the latest version of the update data available on the website. You cannot reinstall the system software using a version that is earlier than the system software version that had previously been used. If the appropriate update data for your system is not available at the website, contact SCEA Consumer Services (→▶ back cover).

- If you have a game disc or other disc that contains update data, you may be able to use that disc to reinstall the system software. If you insert the disc in the PS3™ system and follow the on-screen instructions, you can verify whether the update data can be used.
- For additional information on the installation of the system software, refer to the section "Update using a PC" at our website: <http://www.us.playstation.com/ps3>.
- The system software included within this product is subject to a limited license from Sony Computer Entertainment Inc. Refer to <http://www.scei.co.jp/ps3-eula> for further details.

Installing the system software

Turn on the PS3™ system, and then insert the storage media containing the update data. Follow the on-screen instructions to reinstall the system software.

Notices

- Do not turn off the system or remove the storage media during the installation. If the installation is cancelled before completion, the system software may become damaged, and the system may require servicing or exchange.
- During the installation, the power button on the system and the PS button on the wireless controller are not active.

Restoring data that has been backed up

You can restore data that you backed up using either of the following methods.

Restoring data in a single operation

You can restore data that you backed up in a single operation by selecting  (Settings) →  (System Settings) → [Backup Utility]. Connect the USB mass storage device that contains the backup data, and then follow the on-screen instructions to perform this operation.

Hints

- You may not be able to use the backup utility to restore some data.
- For details on the backup utility feature, refer to the online user's guide (<http://manuals.playstation.net/document/>).

Restoring selected data

You can manually restore files using the options menu for the file. Connect the USB mass storage device that contains the file, select the file that you want to restore, and then press the  button. Select [Copy] or [Move] from the options menu.

Hint

You may not be able to copy or move files that contain copyright-protected data.

Restoring the PS3™ system

Notices

- If you restore the default settings or restore the PS3™ system, changes to the settings cannot be undone. Data loss or corruption is the responsibility of the user.
- Do not turn off the PS3™ system during this operation. If the operation is cancelled before completion, the system software may become damaged, and the system may require servicing or exchange.
- During this operation, the power button on the system and the PS button on the wireless controller are not active.
- You cannot use this feature to go back to an earlier version of the system software.

Restoring default settings

You can restore from the current settings under  (Settings) to the default settings by selecting  (Settings) →  (System Settings) → [Restore Default Settings].

After you complete the operation and restart the system, the initial setup screen will be displayed. Follow the on-screen instructions to perform initial setup of the system software (→ page 15).

Deleting data on the hard disk drive

You can delete all data on the system's hard disk and restore from the current settings under  (Settings) to the default settings by selecting  (Settings) →  (System Settings) → [Restore PS3™ System].

You can shorten the time required to perform this operation by selecting [Quick Format] from the list of hard disk format options. It is recommended that you select [Full Format] when formatting a hard disk that contains important or sensitive data.

After you complete the operation and restart the system, the initial setup screen will be displayed. Follow the on-screen instructions to perform initial setup of the system software (→ page 15).

Before disposing of or transferring the PS3™ system

Before disposing of the system, it is recommended that personal information and other data of similar nature be deleted. To delete data, go to  (Settings) →  (System Settings) → [Restore PS3™ System].

It is recommended that you select [Full Format] when the screen for selecting a hard disk format method is displayed during system restoration. Although formatting time can be reduced by using [Quick Format], it might be possible to restore erased data in some cases if a special tool is used.

Before requesting service

Go through this section if you experience difficulty in operating the PS3™ system. Should any problem persist, contact Consumer Services (→ back cover) for assistance.

Power

The system does not turn on.

- Check that the AC power cord is securely inserted in the system and the electrical outlet.

Picture

There is no picture on the TV screen.

- Check that the cable is securely inserted. Try disconnecting the cable from the PS3™ system or TV and then reconnecting it.
- There may be a problem with the AV cable in use. Try using another cable that is compatible with the PS3™ system.
- Adjust the video input on the TV to match the input connector that is being used to connect to the PS3™ system.
- If the video output settings on the system do not match those of the cable or TV in use, there may be no picture. If the screen goes blank, turn off the system. Then, with only the system and the TV connected, press the system's power button for more than 5 seconds to turn the system back on. The video output settings will automatically be reset to the standard definition (SD) resolution.

The picture is distorted.

- Check that the cable is securely inserted. Try disconnecting the cable from the PS3™ system or TV and then reconnecting it.

The Blu-ray Disc (BD) or DVD cannot be played, or the picture is distorted.

- When outputting DVD content or PlayStation®3 format software in standard definition (SD) resolution, only discs recorded in the NTSC standard can be played.
- If the system is connected to a VCR, copy protection encoding on some BDs and DVDs may cause image distortion, or may cause the image to become lighter or darker. In such cases, connect the system to the TV directly. You may also see a similar occurrence if using a combination TV/VCR unit.
- If the BD or DVD does not match the region code set in the system, it cannot be played. For details, see "Region codes" (→ page 50).
- Some DVDs are preset with parental control restrictions. Enter the password that was set in  (Security Settings) to temporarily increase the parental control level.
- If you record video content on DVD-R, DVD-RW, DVD+R or DVD+RW media using a device such as a DVD recorder, you must finalize the media before playing it on the PS3™ system. Finalize the media using the recording device.
- Some BDs are preset with parental control restrictions. Enter the password that was set in  (Security Settings) to change the parental control level.
- The BD may be disc-locked. Enter the password that was set when the disc was created.
- See also the notices under "Playable discs" (→ page 49).

Certain BDs cannot be played.

- To play commercially available BD video software, the encryption key for AACS (Advanced Access Control System) may need to be renewed. To renew the key, you must update the system software.

Before requesting service

The size of the video image and the TV screen do not match.

- ➔ The settings of the connected TV and the video output settings of the system may not match. Check the following items:
 - Check that the system's settings under  (Settings) ➔  (Display Settings) ➔ [Video Output Settings] are correct.
 - Check that the settings of the connected TV are correct. For details, refer to the instructions supplied with your TV.
- ➔ With some video content, the screen size cannot be changed.

The screen color does not seem right.

- ➔ If set to the default setting, the background color changes as the time, day and month changes.

Audio

There is no sound.

- ➔ Check that the muting function on the TV or speakers is turned off. Also check that the volume is at the appropriate level.
- ➔ If an audio device is connected, check the settings of the device. For details, refer to the instructions supplied with the audio device.
- ➔ There may be a problem with the AV cable. Try using another cable that is compatible with the PS3™ system.
- ➔ Some software do not support digital audio output.
- ➔ If the system's audio output settings do not match the AV cable or device in use, the system may not produce sound. Check that the system's settings under  (Settings) ➔  (Sound Settings) ➔ [Audio Output Settings] are correct.
- ➔ Some content that support Dolby Digital, DTS, and other formats may not produce audio from all channels.

Music files do not play.

- ➔ Playback methods may be limited for some music files that are distributed via the Internet. In such cases, it may not be possible to play the content on the PS3™ system.

Network

A connection to the network cannot be established.

- ➔ If using a wired connection, check that the Ethernet cable is securely connected.
- ➔ Check that the network settings are correct. Refer to the instructions supplied by your Internet service provider or in the software manual to make the correct network settings.

The message [An error occurred during communication with the server. This is a DNS error. (80710102)] is displayed during the Internet connection test.

- ➔ If you connect the system to a modem that does not have a router feature (bridge modem), you may need to set PPPoE settings. Select  (Settings) ➔  (Network Settings) ➔ [Internet Connection Settings] ➔ [Custom] to start configuring the Internet connection. Continue adjusting settings until you see the IP address setting screen. Select [PPPoE], and then enter the user name and password provided by your Internet service provider.
- ➔ If you connect your system to a router, complete initial settings on the router first. After completing the settings on the router, try to adjust the network settings again by selecting  (Settings) ➔  (Network Settings) ➔ [Internet Connection Settings] ➔ [Easy] again. For details about the router settings, refer to the instructions supplied with your router.

The message [The attempt to obtain an IP address timed out.] is displayed during the Internet connection test.

- ➔ If you disconnected the Ethernet cable that is used to connect to a device such as a PC, and then reconnected it to the system, you must restart both your system and the modem. After restarting both devices, update your network settings by selecting  (Settings) ➔  (Network Settings) ➔ [Internet Connection Settings] ➔ [Easy]. For details about restarting your modem, refer to the instructions supplied with your modem.
- ➔ If you are using a wireless connection, the WEP key may be wrong. Check that you have the correct WEP key, and then enter it again.

The message [The PPPoE user name or password is not correct.] is displayed during the Internet connection test.

- ➔ Enter the correct user name and password for PPPoE. If you do not know the user name and password, contact your Internet service provider.

The Web page does not display properly.

- ➔ Certain content, such as content that requires specialized software, may not display properly on some Web pages.

Disc Media and USB Devices**The system does not recognize the disc.**

- ➔ Remove the disc and reinsert it.
- ➔ If the disc has a label, insert it with the label side up.
- ➔ Check whether the disc is scratched or dirty. If dirty, wipe it gently with a soft cloth.
- ➔ See also the notices under "Playable discs" (→page 49).

The disc cannot be removed.

- ➔ Press the eject button for 10 seconds or longer to force the disc to eject. After removing and before reinserting a disc into the system, turn off the system, and then turn on the system again to resume use.

The system does not recognize the USB device, or the USB device does not operate properly.

- ➔ Check that the device is inserted correctly.
- ➔ The connected device may not be usable with the system.
- ➔ Try using a different USB connector on the PS3™ system. The device may not be recognized depending on the combination of USB connectors in use.
- ➔ In some cases, the system may not recognize the device if an external USB hub is used and more than the allotted number of devices are connected. Try removing unused devices.

When connecting a USB device, the message [An unknown USB device has been connected.] is displayed.

- ➔ The connected device may not be compatible with the system or software application.
- ➔ The device may be compatible with specific software only. Use software that is compatible with the device.
- ➔ There may be too many USB hubs connected. Try removing a USB hub.

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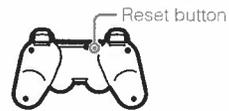
Before requesting service

Before requesting service

Wireless controller

The wireless controller does not function.

- ➔ When using the wireless controller, you must pair it with the system and assign a controller number. With the system turned on (power indicator is lit solid green), connect the system and the controller using the USB cable, and then press the PS button on the controller.
- ➔ The controller number may have been cleared. Press the PS button on the controller to reassign the number.
- ➔ With some software, you may need to use a specified controller number. Refer to the manual for the software in use.
- ➔ Check the charge level of the wireless controller battery. When the controller is used in wireless mode, it will not function if the battery does not have any charge left. Charge the battery by connecting the controller to the system with the USB cable.
- ➔ If you cannot use the controller even after checking the items above, try resetting the wireless controller by pushing the reset button on the controller rear with a thin-tipped object such as a pen.



The wireless controller operates in an abnormal manner.

- ➔ Try resetting the wireless controller by pushing the reset button on the controller rear with a thin-tipped object such as a pen.

The wireless controller does not vibrate.

- ➔ Check that you are using a DUALSHOCK®3 Wireless Controller. The SIXAXIS™ Wireless Controller does not vibrate.

- ➔ Try selecting  (Settings) ➔  (Accessory Settings) ➔ [Controller Vibration Function], and then setting [Vibration Function] to [On].
- ➔ The software may not support the vibration function. Refer to the instruction manual for the software. For software downloaded from  (PlayStation®Store), refer to the compatibility notice information included in the software's online description.

The response to button operations is slow.

- ➔ The response speed may be slow on an LCD display or PC display. This is not a malfunction.

The battery does not charge or does not fully recharge.

- ➔ The battery can only be charged when the system is turned on. (The power indicator on the system front is lit solid green.)
- ➔ See "Wireless controller battery" (➔ page 51).

The battery charge does not last long.

- ➔ The battery may be wearing out. Battery charge duration will gradually decrease with repeated usage and age. See "Wireless controller battery" (➔ page 51).

Even when the wireless controller is not being used, it loses its charge over time.

- ➔ The controller's battery slowly loses its charge even when the controller is not in use. It is recommended that you charge the controller frequently.

Other issues

The system makes noise.

- ➔ When using the system in a location where heat can build up, such as in an enclosed AV cabinet, on carpet or a cushion, or near a wall (within 10cm of the wall), the internal fan will rotate rapidly to reduce the system's temperature and this may generate increased noise. Move the system to a location with good ventilation.
- ➔ Depending on how a disc is being used, such as when copying an audio CD to the hard disk or starting software from a disc, disc noise may be louder than normal. Furthermore, some software may cause more disc noise than others.

You forgot your password for security settings.

- ➔ If you restore the system using  (Settings) ➔  (System Settings) ➔ [Restore Default Settings], your password will return to "0000". However, note that all settings other than the password will also be reset. Once these settings are reset, they cannot be recovered.

The system is warm.

- ➔ When the system is being used or is turned on, it may become warm. This is not a malfunction.

The screen freezes during gameplay.

- ➔ Check whether the disc is scratched or dirty. If dirty, wipe it gently with a soft cloth.
- ➔ If you have game data for PlayStation®3 format software installed, try deleting the game data and reinstalling the software. Select  (Game) ➔  (Game Data Utility), press the  button, and then delete the game data from the options menu. Next, reinstall the PlayStation®3 format software. Be careful not to delete the saved data for the game.

The screen is frozen. The system does not operate.

- ➔ Disconnect all accessories such as USB devices from the system, and then restart the system. Pressing the power button for 15 seconds or longer will force the system to turn off (enter standby mode). After the system turns off, turn it on again.

The power indicator is flashing red and green alternately.

- ➔ The interior of the system may have become too warm. This is typically due to the operating environment. Check whether the system is being used in a warm location. Ensure that vents are not blocked and that adequate airflow exists around the system. Continuing to use the system in the above condition will cause it to stop functioning. Turn the system off and leave it unused until it cools down. After the system cools down, turn it on again.

The power indicator is flashing red and the system does not operate.

- ➔ The temperature inside the system may be too high. Check whether the system is being used in a hot location or whether the vents are blocked. Press the power button to stop the flashing, and then leave the system turned off until it cools down. After it cools down, turn on the system again.

The system does not recognize content.

- ➔ The content may be of a format that is not supported by the system. Content of types not supported by the system will not be recognized. For information on supported formats, refer to the online user's guide (<http://manuals.playstation.net/document/>).

US

Before requesting service

Specifications

Design and specifications are subject to change without notice. Information about system functionality and images published in this document may vary from those for your PS3™ system, depending on the system software version in use.

PlayStation®3 system

CPU		Cell Broadband Engine™
GPU		RSX™
Audio output		LPCM 7.1ch, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD, AAC
Memory		256 MB XDR Main RAM, 256 MB GDDR3 VRAM
Hard disk	2.5" Serial ATA	120 GB**1*2 (CECH-2001A) 250 GB**1*2 (CECH-2001B)
Inputs/ outputs**3	Hi-Speed USB (USB 2.0)	2
Networking		Ethernet (10BASE-T, 100BASE-TX, 1000BASE-T) × 1
		IEEE 802.11 b/g
		Bluetooth® 2.0 (EDR)
Controller		Wireless Controller (Bluetooth®)
AV output	Resolution	1080p, 1080i, 720p, 480p, 480i
	HDMI OUT connector**4	1
	AV MULTI OUT connector	1
	Digital out (optical) connector	1
BD/DVD/ CD drive (read only)	Maximum read rate	BD × 2 (BD-ROM) DVD × 8 (DVD-ROM) CD × 24 (CD-ROM)

Laser	Type: Semiconductor, continuous BD Wavelength: 400 - 410 nm Power: Max. 17.5 mW DVD Wavelength: 655 - 664 nm Power: Max. 2.6 mW CD Wavelength: 770 - 800 nm Power: Max. 4.0 mW
Power	120 V AC, 60 Hz
Power consumption	Approx. 250 W
External dimensions (excluding maximum projecting part)	Approx. 290 × 65 × 290 mm (11.5 × 2.6 × 11.5 in) (width × height × length)
Mass	Approx. 3.2 kg (7.1 lb)
Operating temperature	5°C - 35°C (41°F - 95°F)

*1 Hard disk capacity calculated using base 10 mathematics (1GB = 1,000,000,000 bytes). The system software for this PS3™ system calculates capacity using binary mathematics (1GB = 1,073,741,824 bytes) and subsequently displays lower capacity and free space. The difference in displayed values does not indicate a difference in the actual number of bytes.

*2 A portion of the hard disk capacity is reserved for use in connection with system administration, maintenance, and additional options. This may occur upon installation of system software or other software. As a result, the availability of hard disk capacity may vary depending on the system, system software version, or available options, and is not otherwise available for your use.

*3 Functionality of all connected devices is not guaranteed.

*4 "Deep Color", "x.v.Color (xvYCC)" and "HD lossless audio format" defined by HDMI ver.1.3a are supported.

DUALSHOCK®3 Wireless Controller

Battery type	Built-in rechargeable Lithium-Ion battery
Voltage	DC 3.7 V
Battery capacity	610 mAh
Mass	Approx. 180 g (6.4 oz)

Supplied AV cable and USB cable

AV cable	Company:	SONY
	Part No.:	1-834-231-11
USB cable	Company:	SONY
	Part No.:	1-833-625-12

BRAVIA™ Sync



"BRAVIA™ Sync" is a Sony product feature that allows you to use the remote controls of BRAVIA™ televisions (Sony Corporation products) to operate various devices that are connected to each other through HDMI cables. BRAVIA™ Sync uses the control signals that are transferred through the HDMI connections.

To enable the BRAVIA™ Sync feature, go to (Settings) → (System Settings) → [Control for HDMI], and set the option to [On]. For details, refer to the online user's guide (<http://manuals.playstation.net/document/>) and the instructions supplied with the BRAVIA™ products in use.

Hint

This feature can only be used on devices that support the BRAVIA™ Sync feature. Compatibility with all devices that comply with the HDMI CEC specification is not guaranteed.

Playable discs

For additional information on compatible media types, visit our website at <http://www.us.playstation.com>.

Blu-ray Disc (BD)	PlayStation®3 format BD-ROM
	BD-ROM
	BD-R
	BD-RE* ¹
DVD	DVD-ROM
	DVD+R/RW
	DVD-R/RW
	AVCHD
	DSD Disc
CD	PlayStation® format CD-ROM* ²
	CD-DA (audio CD)* ³
	CD-R/RW

*¹ Playback of BD-RE ver. 1.0 discs is not supported.

*² This model of the PlayStation®3 system is designed to play PlayStation®3 format software and has limited backward compatibility. This system is not compatible with and will not play PlayStation®2 format software. Some PlayStation® format software may play on this system. For more information, visit www.us.playstation.com.

*³ Playback of Super Audio CDs is not supported.

Specifications

Specifications

Region codes

Depending on the disc, a region code that is based on the geographic region where the disc is distributed may be assigned. This system can play discs marked with the following region codes.

Disc	Region code
Blu-ray Disc (BD)	
DVD	
PlayStation®3 format BD-ROM	
PlayStation® format CD-ROM	NTSC U/C

DVD and PlayStation®3 format software

- When outputting DVD content or PlayStation®3 format software in SD resolution, only discs recorded in the NTSC standard can be played.
- When playing PlayStation®3 format software in HD resolution, a TV that supports video playback at 59.94 Hz is required.

DVD-R/DVD-RW/DVD+R/DVD+RW discs

Discs that have not been finalized cannot be played.

Notices

- Use only circular-shaped discs with the system. Do not use irregularly-shaped discs (for example, heart- or star-shaped discs). Using irregularly-shaped discs may cause a malfunction.
- Do not use damaged, re-shaped or repaired discs. Use of such discs may cause a malfunction.

- When using an 8 cm disc, insert the disc in the system without an adaptor.
- The audio CD playback feature of this system is designed to conform to the Compact Disc (CD) standard. Recently, some record companies have started marketing music discs encoded with copyright protection technologies. Some of these music discs do not conform to the CD standard and may not be playable on this system.
- A DualDisc is a dual-sided disc that combines a DVD side and an audio side. Note that the audio side is not guaranteed to play because this type of disc does not conform to the specifications required for an audio Compact Disc (CD).
- If a device that is not compatible with the HDCP (High-bandwidth Digital Content Protection) standard is connected to the system using an HDMI cable, video or audio cannot be output from the system.
- Copyright-protected Blu-ray video discs can only be output at 1080p using an HDMI cable connected to a device that is compatible with the HDCP (High-bandwidth Digital Content Protection) standard.
- When you use the AV MULTI OUT connector of the system to connect to a TV, the resolution used to output copyright-protected video from a BD or from video files may be limited or the video may not be output.
- When playing discs with content that was copied fraudulently, abnormal sounds may be produced or the content may not play correctly.
- To enjoy continuous playback of copyright-protected BDs, the encryption key for AACS (Advanced Access Control System) may need to be renewed. To renew the key, you must update the system software.
- Some discs may not be playable due to scratches, dust, the quality of recording, or the characteristics of the recording device.
- In rare instances, CDs, DVDs, BDs and other media may not operate properly when played on the PS3™ system. This is primarily due to variations in the manufacturing process or encoding of the software.

Wireless controller battery

⚠ Caution

- If you come into contact with material from a leaking battery, take the following actions:
 - If the material gets into the eyes, do not rub. Immediately flush the eyes with clean water and seek medical attention.
 - If the material comes into contact with the skin or clothes, immediately rinse the affected area with clean water. Consult your physician if inflammation or soreness develops.
- Do not allow the battery to come into contact with fire or subject it to extreme temperatures such as in direct sunlight, in a vehicle exposed to the sun or near a heat source.

Wireless controller battery life

- The battery has a limited lifespan. Battery duration will gradually decrease with repeated usage and age.
- Battery life also varies depending on the storage method, usage state, environment and other factors.

Storage

When the wireless controller is not used for an extended period of time, it is recommended that you fully charge it at least once a year in order to maintain battery functionality.

When disposing of the wireless controller

The lithium-ion battery of the wireless controller is recyclable. When disposing of the wireless controller, remove the battery and follow local regulations regarding disposing of batteries.

Removing the battery

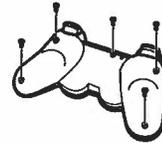
⚠ Caution

- Remove the battery in a location out of the reach of small children to help prevent accidental swallowing of small parts such as the screws.
- Be careful not to hurt your nails or fingers when removing the controller casing.
- For safety reasons, attach tape or a seal on the metal part of the battery before disposing.

Notice

Other than when disposing of the wireless controller, never remove the screws and never remove the battery from the wireless controller.

- 1 Disconnect the USB cable from the wireless controller.**
- 2 Using a crosshead screwdriver, remove the screws (5 places).**



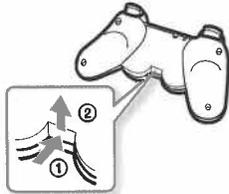
US

Specifications

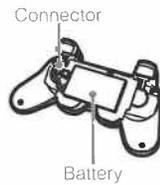
Specifications

3 Remove the casing.

- ① Push in the direction of the arrow.
- ② Pull the casing apart.



4 After disconnecting the connector, remove the battery.



Recycling Lithium-Ion Batteries

Lithium-ion batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.



For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbc.org/>

⚠ Caution

Do not handle damaged or leaking Lithium-Ion batteries.

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Sony Computer Entertainment America ("SCEA") warrants to the original purchaser that the PS3™ hardware shall be free from material defects in material and workmanship for a period of one (1) year from the original date of purchase (the "Warranty Period"). If the product is determined to be materially defective during the Warranty Period, your sole remedy and SCEA's sole and exclusive liability shall be limited to the repair or replacement of this product with a factory recertified product at SCEA's option. For purpose of this Limited Hardware Warranty and Liability, "factory recertified" means a product that has been returned to its original specifications. You must visit <http://www.us.playstation.com/support> or call 1-800-345-7669 to receive a return authorization and shipping instructions.

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US

LIMITED HARDWARE WARRANTY AND LIABILITY

LIMITED HARDWARE WARRANTY AND LIABILITY

Service policy

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@(#)fdlibm.h 1.5 95/01/18

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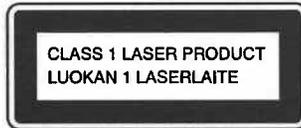
ADVERTENCIA

Para evitar descargas eléctricas, no abra la unidad. Confíe solamente sus reparaciones a personal cualificado.

Precaución

El empleo de controles, ajustes o procedimientos distintos de los aquí recogidos puede dar lugar a una exposición a radiaciones peligrosas.

El uso de instrumentos ópticos con este producto aumenta el riesgo de daños oculares.



Este dispositivo está clasificado como producto LÁSER DE CLASE 1 según la norma IEC60825-1+A2:2001.

Este equipo cumple con los límites de exposición de radiación FCC/IC establecidos para equipos no controlados y cumple con los Lineamientos de Exposición de frecuencia de radio (FR) de FCC en el Suplemento C a OET 65 y RSS-102 de las normas de Exposición de frecuencia de radio (FR) de la IC. Este equipo no debe instalarse ni operarse con por lo menos 20 cm (8 pulgadas) y más entre el radiador y el cuerpo de la persona (excluyendo extremidades: manos, muñecas, pies y piernas). Este transmisor no debe ser colocado o puesto en funcionamiento junto con ninguna antena o transmisor.

El mando inalámbrico cumple con los límites de exposición de radiación FCC/IC establecidos para equipos no controlados y cumple con los Lineamientos de Exposición de frecuencia de radio (FR) de FCC en el Suplemento C a OET 65 y RSS-102 de las normas de Exposición de frecuencia de radio (FR) de la IC. Se considera que este equipo cumple con dos niveles de energía de RF sin realizar pruebas de índice específico de absorción.

NOTA:

Este equipo ha sido sometido a pruebas y se ha determinado que cumple con los límites requeridos por los aparatos digitales de clase B, en cumplimiento con la Sección 15 de las regulaciones de la FCC (Comisión Federal de Comunicaciones). Estas especificaciones han sido diseñadas para proporcionar una protección razonable contra interferencias perjudiciales en una instalación residencial. Este equipo genera, utiliza y puede emitir energía de radiofrecuencia y, de no ser instalado y utilizado de acuerdo con las instrucciones, podría ocasionar interferencias perjudiciales en las comunicaciones de radio. No obstante, no se garantiza que no ocurra ninguna interferencia en una instalación particular. Si el presente equipo causa interferencia en la recepción de radio o de televisión, la cual puede determinarse al apagar y encender el equipo, se recomienda que el usuario intente corregir la interferencia mediante una o más de las medidas siguientes:

- Cambie la orientación o ubicación de la antena de recepción.
- Aumente la separación entre el equipo y el receptor.
- Conecte el equipo en un tomacorriente de circuito distinto al que está conectado el receptor.
- Consulte con su distribuidor o con un técnico especializado en radio/televisión para solicitar asistencia.

Tenga precaución de que cualquier cambio o modificación no expresamente aprobada por la parte responsable del cumplimiento podría anular la autoridad del usuario de operar el equipo.

Si tiene alguna pregunta relacionada a este producto, póngase en contacto con el servicio de atención al cliente SCEA (→ contraportada) ó escriba a:
 Sony Computer Entertainment America
 Consumer Services/Technical Support
 PO Box 5888, San Mateo, CA 94402-0888 U.S.A.

Declaración de Conformidad	
Nombre comercial:	SONY
Número de modelo:	CECH-2001A, CECH-2001B y CECHZC2U
Responsabilidad:	Sony Electronics Inc.
Domicilio:	16530 Via Esprillo San Diego, CA 92127 U.S.A.
Número de teléfono:	858-942-2230
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Acerca de la batería de litio tipo moneda para respaldo de memoria

La batería de litio tipo moneda para respaldo de memoria en el interior de este producto contiene perclorato.

La siguiente declaración es requerimiento del Estado de California, EE.UU.:
 Material de Perclorato - puede requerir un manejo especial, vea:
<http://www.dtsc.ca.gov/hazardouswaste/perchlorate> *

* Sitio Web disponible únicamente en inglés.

Fotosensibilidad/epilepsia/convulsiones

Existe la posibilidad de que un pequeño porcentaje de personas sufra ataques epilépticos o pérdidas pasajeras del conocimiento al exponerse a ciertos patrones luminosos o luces intermitentes. Estas personas podrían sufrir un ataque epiléptico o pérdidas pasajeras del conocimiento al exponerse a ciertos patrones o fondos en la pantalla del televisor o al jugar a videojuegos. Estas condiciones podrían provocar síntomas de epilepsia no detectada previamente o convulsiones incluso en personas sin un historial de ataques o epilepsia o convulsiones. Si usted, o cualquier miembro de su familia, sufre de epilepsia o experimenta convulsiones de cualquier tipo, consulte a su médico antes de utilizar un videojuego.

DEJE DE UTILIZAR EL SISTEMA INMEDIATAMENTE y consulte a su médico antes de volver a utilizar un videojuego si usted o su hijo experimentan cualquiera de los siguientes problemas de salud o muestran síntomas:

- mareos,
- problemas en la vista,
- contracciones oculares o musculares,
- pérdida de conocimiento,
- desorientación,
- convulsiones, o
- cualquier movimiento involuntario o convulsiones.

NO VUELVA A UTILIZAR UN VIDEOJUEGO HASTA QUE ASÍ SE LO INDIQUE SU MÉDICO.

Cómo usar y manipular los videojuegos para reducir la posibilidad de un ataque

- Utilice el sistema en una zona bien iluminada y manténgase lo más alejado posible del televisor.
- Evite los televisores de gran tamaño. Utilice un televisor del menor tamaño posible.

ADVERTENCIA

ADVERTENCIA

- Evite el uso prolongado del sistema PS3™. Tómese un descanso de 15 minutos durante cada hora de juego.
- Evite jugar si está cansado o tiene sueño.

Ondas radiofónicas

Las ondas radiofónicas podrían afectar a los equipos electrónicos o los equipos médicos (por ejemplo los marcapasos), y ocasionar fallos de funcionamiento o daños personales.

- Si utiliza un marcapasos o cualquier otro dispositivo médico, consulte a su médico o al fabricante del dispositivo antes de usar la función de red inalámbrica (Bluetooth® y LAN inalámbrica).
- No utilice la función de red inalámbrica en los siguientes lugares:
 - Zonas en las que esté prohibido el uso de redes inalámbricas como, por ejemplo, en hospitales. Respete las normativas de los centros médicos cuando utilice el sistema en sus instalaciones.
 - Cerca de alarmas de incendios, puertas automáticas y otros dispositivos automatizados.

Software de formato PlayStation® y PlayStation®2

Este modelo del sistema PlayStation®3 está diseñado para reproducir software de formato PlayStation®3 y tiene compatibilidad retroactiva limitada. Este sistema no es compatible y no reproducirá software de formato PlayStation®2. Es posible reproducir ciertos títulos de software de formato PlayStation® en este sistema. Para más información, visite www.us.playstation.com.

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