

**WARNING**

- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- Some people may experience discomfort (such as eye strain, eye fatigue, or nausea) while watching 3D video images or playing stereoscopic 3D games on 3D televisions. If you experience such discomfort you should immediately discontinue use of your television until the discomfort subsides. SCE recommends that all viewers take regular breaks while watching 3D video, or playing stereoscopic 3D games. The length and frequency of necessary breaks may vary from person to person – please take breaks that are long enough to allow any feelings of discomfort to subside. If symptoms persist, consult your physician. The vision of young children (especially those under six years old) is still under development. Consult with a physician (such as a pediatrician or eye doctor) before allowing a young child to watch 3D video images or play stereoscopic 3D games. When using any 3D enabled device with your PlayStation®3 system you should read the instruction manual for that device.

**Precautions**

Before using this product, carefully read this manual and retain it for future reference. Read also the instructions for the PlayStation®3 system.

**Safety**

- Do not use a power cord other than the supplied AC power cord. Do not modify the cord.
- Do not allow liquid or small particles to get into the product. If this happens, stop use and disconnect it from the electrical outlet immediately.
- Never disassemble or modify the product.
- Do not expose the product to dust, smoke or steam.
- Do not expose the product to high temperatures, high humidity or direct sunlight.
- Do not touch the product with wet hands.
- Unplug the AC power cord from the electrical outlet before cleaning or when you do not intend to use the system for an extended period of time.
- Do not connect the AC power cord to a voltage transformer or inverter. Connecting the AC power cord to a voltage transformer for overseas travel or an inverter for use in an automobile may cause heat to build up in the system and may cause burns or a malfunction.
- Keep this product out of the reach of small children. Small children may swallow small parts or may wrap the cables around themselves, which may inflict injury or cause an accident or a malfunction.

**Use and handling**

- The LCD screen is made of glass and may crack if subjected to excessive force.
- Pixels that are not lit or are continuously lit may appear in certain locations on the LCD screen. The appearance of such spots is a normal occurrence associated with LCD screens and is not a sign of a product malfunction. LCD screens are made using highly precise technology. However, a very small number of dark pixels or continuously lit pixels exist on each screen. Also, a distorted image may remain on the screen for several seconds after the product has been turned off.
- Direct exposure to sunlight may damage the product's LCD screen. Be careful when using the product outdoors or near a window.
- When using the product in a cold environment, you may notice shadows on the graphics or the screen may appear darker than usual. This is not a malfunction, and the screen will return to normal when the temperature goes up.
- Be careful when carrying the product. If you do not have a good grip, the product may drop causing potential damage or injury.
- Do not place the product on surfaces that are unstable, tilted or subject to vibration.
- Do not place any objects on top of the product. Do not stand on the product.
- Do not throw or drop the product, or otherwise expose it to strong physical impact.
- Do not allow the product to come into contact with liquids.
- Follow the instructions below to help prevent the product exterior from deteriorating or becoming discoloured.
  - Wipe with a soft, dry cloth.
  - Do not place any rubber or vinyl materials on the product exterior for an extended period of time.
  - Do not use solvents or other chemicals. Do not wipe with a chemically-treated cleaning cloth.

**Checking the version of the PS3™ system software**

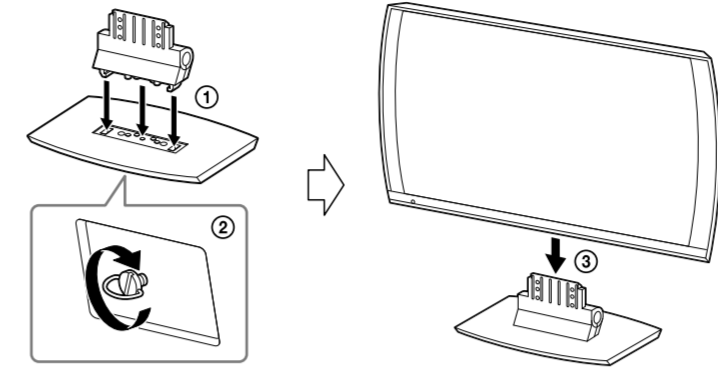
To use the 3D display, the PS3™ system software must be version 3.70 or later. You can check the system software version by selecting (Settings) (System Settings) [System Information] on the XMB™ (XrossMediaBar) menu of the PS3™ system.

**Unpacking**

- 3D display (1)
- AC power cord (1)
- Instruction manual (1)
- Stand (1)
- HDMI cable (1)
- Neck (1)
- 3D glasses (1 set) (pouch, USB cable)

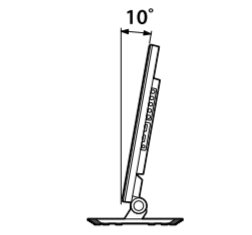
**Assembly**

- 1 Insert the neck into the stand until you hear a click.**  
Check that the neck and stand face in the same direction, as shown in the illustration.
- 2 Securely anchor the neck in place by tightening the mounting screw on the bottom of the stand.**
- 3 Insert the display into the neck until you hear a click.**

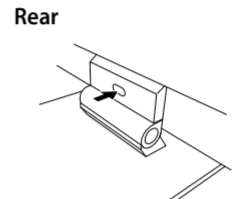


**Hints**

- Be careful not to pinch your hands or fingers when you assemble the stand and display.
- You can adjust the tilt angle of the display by up to 10° from the vertical. Hold the stand down with one hand and move the upper part of the display with your other hand. Do not try to tilt the display any further than 10° from the vertical, since this may damage it.



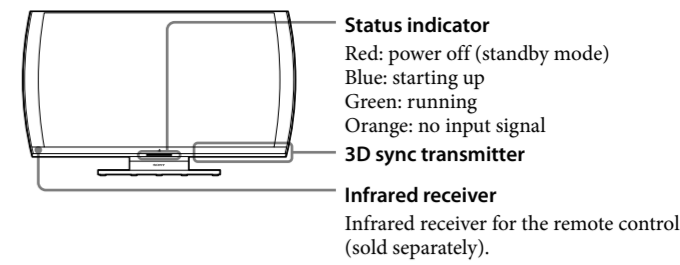
- At least two people must perform the steps for removing the display from the neck and stand. One person must hold the neck and stand securely on a flat surface and press the button on the hinge. At the same time, another person can lift the display upwards.



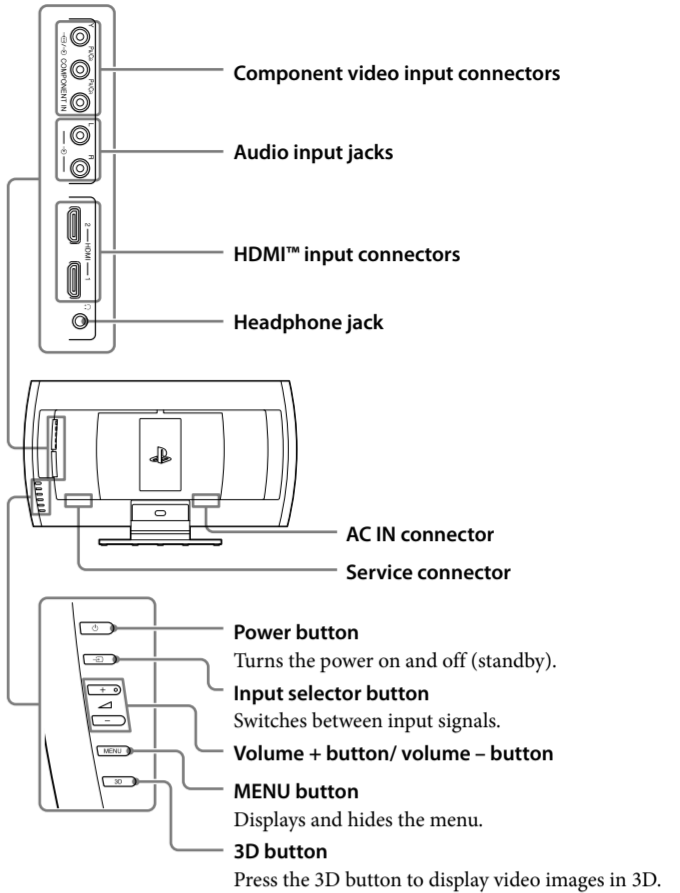
Press to detach display from neck and stand.

**Using the 3D display**

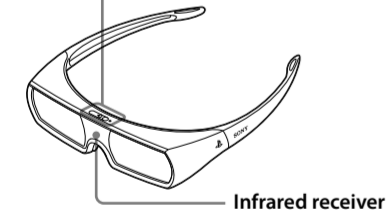
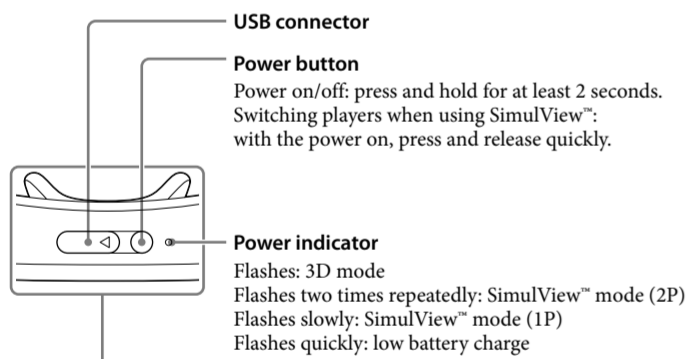
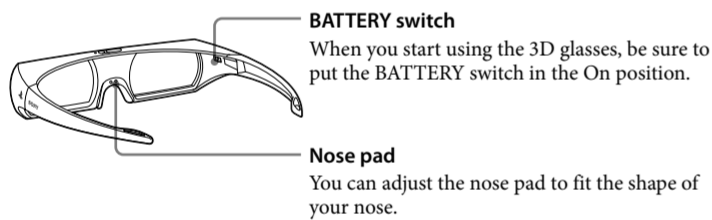
**Front**



**Rear**



**3D glasses**



**Hint**  
Be careful not to pinch yourself in the hinges of the 3D glasses.

**Setting the video output on the PS3™ system**

- 1** Go to (Settings) (Display Settings).
- 2** Select [Video Output Settings].
- 3** Select [HDMI].
- 4** Select [Auto].
- 5** Verify the settings, select [Yes] and then press the button.
- 6** Set the display size to 24 inches.
- 7** Verify the settings, select [Yes] and then press the button.

**Hint**  
When using this setting, connect the PS3™ system to the 3D display directly using an HDMI cable. If the display and the PS3™ system are connected via an AV amplifier or other device, this setting may not work correctly.

**Navigating the menu**

Picture	<b>Backlight</b>	Adjusts the brightness of the backlight
	<b>Picture Mode</b>	[Standard]: Provides a standard natural looking picture appropriate for home use [Cinema]: Provides a picture optimized for watching movies [Custom]: Applies custom picture settings [Dynamic]: Provides a bright picture with emphasis on sharpness and contrast
	<b>Reset Current Mode</b>	Resets all picture settings to default values
Screen*	<b>Wide Mode</b>	[Normal]: Displays the picture in its original size [Full]: Displays the picture in full-screen mode [PSP™ Zoom]: Displays the picture from a connected PSP® (PlayStation®Portable) system in full-screen mode
	<b>Overscan</b>	Select [On] when visual noise or a black frame can be seen around the edges of the screen
	<b>Sound</b>	[Standard]: Provides a well-balanced, natural sound over the entire range [Cinema]: Provides a sound with a feeling of you-are-there immediacy, just like being in a movie theatre [Custom]: Applies custom sound settings [Dynamic]: Provides a clear sound with emphasis on high and low frequencies
Sound	<b>Sound Mode</b>	[Standard]: Provides a well-balanced, natural sound over the entire range [Cinema]: Provides a sound with a feeling of you-are-there immediacy, just like being in a movie theatre [Custom]: Applies custom sound settings [Dynamic]: Provides a clear sound with emphasis on high and low frequencies
	<b>Reset Current Mode</b>	Resets all sound settings to default values
	<b>Balance</b>	Adjusts the volume balance between the left and right speakers
3D	<b>3D Format</b>	Adjusts the settings to match the 3D format of the content being played when the 3D image is not displayed properly
Settings	<b>HDMI Control</b>	When you select [On], the display and the connected HDMI equipment will be powered on and off simultaneously
	<b>Signal Information</b>	Displays the resolution and frequency of the picture
	<b>Quick Start</b>	When you select [On], the display will start more quickly when it is turned on. Note that this will increase power consumption when the display is in standby mode
	<b>Language</b>	Sets the language displayed on the menu screens
	<b>Restore Default Settings</b>	Resets all settings to default values

\* The [Screen] menu can be adjusted only when component video signal is input to the 3D display.

**Hint**

You can operate the 3D display using the Blu-ray Disc™ Remote Control CECH-ZRC1 (sold separately). When operating using the BD remote control, use the TV button, the MENU button, the RETURN button, the ENTER button and the directional buttons. For details on operation, see the instruction manual for the BD remote control.

**Using SimulView™ mode**

SimulView™ allows two players to view different screen images while playing the same game. To use this feature, the game must support SimulView™ and both players need 3D glasses.

**Hints**

- Images from software that supports the SimulView™ feature are shown in 2D for each player.
- In some viewing environments and for some video content, the images may not be completely separate and it may appear that two different images are overlapping.

**Charging the 3D glasses**

- 1** Open the USB connector cover. Connect a Type A - micro-B USB cable.
- 2** Connect the other end of the USB cable to a PS3™ system or other supported device.  
The power indicator lights up during charging and turns off when charging is complete.

**Hints**

- If you start charging the 3D glasses while they are turned on, the power will turn off.
- The 3D glasses cannot be charged when the BATTERY switch is in the Off position.

**Troubleshooting**

- The power to the display shuts off suddenly or has shut off unexpectedly.**  
➔ The power goes off automatically when there is no incoming signal.
- There are bright spots or dark spots on the screen.**  
➔ Black (dark) pixels and continuously lit pixels may appear in certain locations on the LCD screen. The appearance of such spots is a normal occurrence associated with LCD screens and is not a sign of a system malfunction.
- 3D or SimulView™ images are not displayed, or the image does not look like a 3D or SimulView™ image.**  
➔ Check that the 3D glasses are turned on.  
➔ Check that the 3D glasses are charged.  
➔ The 3D glasses operate by receiving a constant infrared signal from the 3D sync transmitter. The glasses may not operate properly in the following cases.
  - The 3D glasses do not face the 3D sync transmitter.
  - There are objects blocking the path between the 3D glasses and the 3D sync transmitter.
  - There are other infrared communication devices, lighting fixtures, space heaters, or similar equipment nearby.
- ➔ Use the 3D glasses so that they are level with the display. If you are lying down or if your head is tilted, it may be difficult to experience the 3D effect and the colour of the image may change.
- ➔ If the display and the PS3™ system are connected via an AV amplifier or other device, 3D or SimulView™ images may not be displayed correctly. Connect the PS3™ system to the display directly using an HDMI cable, and then adjust the video output settings on the PS3™ system.

**The 3D glasses are not receiving any power.**  
➔ Check that the BATTERY switch is in the On position.

**Specifications**

<b>3D display</b>	
<b>Inputs and Outputs</b>	HDMI input connectors × 2 Component video input connectors (Y/CB (PB)/CR (PR)) × 1 each Audio input connectors × 2: 2 ch, pin jack USB connector × 1: Type A, for service use only Headphone output connector × 1: stereo mini jack
<b>Speakers</b>	Stereo 2 ch (full range, 3 W × 2, 28 mm × 28 mm, elliptical) Subwoofer (5 W, 50 mm) Load impedance: 8 Ω
<b>Panel resolution</b>	1920 × 1080
<b>Effective screen size</b>	23.5 inches (59.7 cm)
<b>Power requirement</b>	AC 100 V - 240 V (50/60 Hz)
<b>Power consumption</b>	60 W, 0.6 A - 0.26 A (in use), 0.2 W or less (in standby mode), 7 W or less (when the Quick Start feature is [ON])
<b>Operating temperature</b>	5°C - 35°C
<b>Dimensions (w × h × d)</b>	Approx. 650 × 391 × 207 mm (including stand)
<b>Weight</b>	Approx. 5.7 kg (including stand)
<b>3D glasses</b>	
<b>Type of 3D glasses</b>	IR active shutter
<b>Battery type</b>	Built-in, rechargeable lithium-ion battery
<b>Battery voltage</b>	DC 3.7 V
<b>Battery capacity</b>	70 mAh
<b>Power consumption</b>	5 V 100 mA
<b>Dimensions (w × h × d)</b>	Approx. 174 × 41 × 177 mm (in use), approx. 174 × 41 × 60 mm (folded)
<b>Weight</b>	Approx. 47 g

\* This does not guarantee compatibility with all products that use IR active shutter technology.  
Design and specifications are subject to change without notice.

## CT 警告

- 為避免觸電，請勿打開外殼擅自分解。維修僅能由專業的維修人員進行。
- 有些人在使用3D電視機觀看3D影像或遊玩3D立體遊戲時，可能會感到不舒服（例如眼睛疲勞、噁心等）。若您感到不舒服，請立即停止使用您的電視機，直至不舒服的症狀消退。SCE建議所有使用者在觀看3D影像或遊玩3D立體遊戲時，應該定時休息。休息的時間和次數因人而異，請休息足夠時間，直至不舒服的症狀消退。如果症狀持續存在，請立即就醫。
- 幼童（特別是六歲以下者）的視力仍在發育階段。在讓幼童觀看3D影像或遊玩3D立體遊戲前，應先洽詢醫生（例如小兒科醫生或眼科醫生）。使用PlayStation3主機時若同時使用任何支援3D的裝置，請先閱讀該裝置的使用說明書。

### 使用前須知事項

在使用本產品前，請先詳細閱讀本說明書並妥善保存，以備將來參考之用。同時亦請參閱PlayStation3主機的使用說明書。

#### 關於安全

- 請勿使用隨附之交流電源線以外的其他電源線。且切勿改造該電源線。
- 請勿讓液體或小顆粒掉入本產品中。若有液體或小顆粒掉入本產品中，請立即停止使用，並拔掉電源插頭。
- 切勿分解，改造本產品。
- 請勿將本產品暴露於灰塵、煙霧或蒸氣中。
- 請勿將本產品放在高溫、濕氣極重或受日光直射的地方。
- 請勿用濕手觸摸本產品。
- 在您準備開始清潔或計算長時間不使用本產品時，請自電源插座拔出交流電源線。
- 請勿將交流電源線插入變壓器或反相器。將交流電源線插入海外旅行者使用的變壓器或汽車專用的反相器，可能會導致交流電轉換器發熱，並造成灼傷或故障。
- 請將本產品放在兒童拿不到的地方保管。兒童可能會吞下細小零件，或用連接線纏繞自己，造成人身損傷或導致意外發生、機器故障。

#### 使用與保養

- 液晶螢幕乃是採用玻璃製成。若受到過大的外力衝擊可能會出現破裂。
- 在液晶畫面的某些特定位置可能會出現黑點（暗點）或持續性的亮點。液晶畫面出現此類現象乃是正常現象，並非故障。液晶畫面係使用高精密度的技術製造。但每個畫面仍可能會殘存極少數的暗點或持續性的亮點。又，在關閉本產品後，部分已消滅的影像仍可能於畫面上殘存數秒鐘。
- 直射的日光可能會損壞本產品的液晶畫面。當於戶外或窗戶附近使用本產品時請務必小心。
- 在寒冷的環境中使用本產品時，您可能會發現圖像出現陰影或畫面似乎顯得比平常陰暗。此非一種故障，且螢幕會於溫度上昇後恢復正常。
- 請小心搬運本產品。若您未確實持有顯示器，可能會導致顯示器掉落並有造成損壞或人身傷害的潛在性危險。
- 請勿將本產品或附屬品放在傾斜、不平整或易受震動的地方。
- 請勿在本產品上放置重物。請物在本產品上站立。
- 請勿投擲或掉落本產品，或使其受到強烈的外力撞擊。
- 請勿讓本產品被液體沾濕。
- 請遵循以下使用說明，以免產品外殼變形或變色。
  - 使用乾淨軟布輕柔擦拭。
  - 切勿在產品外殼上長時間放置任何橡膠或乙烯基材質。
  - 切勿使用溶劑或其他化學藥劑。切勿使用經化學處理的擦布擦拭。

### 使用選單

<b>Picture</b>	<b>Backlight</b>	調整背光燈的亮度
	<b>Picture Mode</b>	[Standard]: 適合家庭使用，重視自然表現的標準影像。 <p>[Cinema]: 適合觀賞電影的影像。</p> <p>[Custom]: 可依個人喜好調整影像設定。</p> <p>[Dynamic]: 重視影像輪廓與對比的鮮明影像。</p>
	<b>Restore Default Settings</b>	將音質設定恢復為預設狀態。
<b>Screen*</b>	<b>Wide Mode</b>	[Normal]: 以原始尺寸顯示。 <p>[Full]: 將影像放大至整個螢幕顯示。</p> <p>[PSP™ Zoom]: 連接PSPs (PlayStation Portable) 時，將PSPs的影像放大至整個螢幕顯示。</p>
	<b>Overscan</b>	畫面四周出現雜訊或黑色邊框時，請選擇 [On]。
<b>Sound</b>	<b>Sound Mode</b>	[Standard]: 全音域保持均衡的自然音質。 <p>[Cinema]: 電影院般臨場感十足的音場效果。</p> <p>[Custom]: 可依個人喜好調整聲音設定。</p> <p>[Dynamic]: 強調低音與高音，高低起伏明顯的清晰音質。</p>
	<b>Reset Current Mode</b>	將音質設定恢復為預設狀態。
	<b>Balance</b>	調整左右喇叭的音量平衡。
<b>3D</b>	<b>3D Format</b>	無法正常顯示3D影像時，可配合播放中的內容設定的3D格式。
<b>Settings</b>	<b>HDMI Control</b>	若選擇 [On]，關閉顯示器的電源時，HDMI裝置的電源亦會同步關閉。此外啟動HDMI裝置的電源時，顯示器的電源也會同步啟動。
	<b>Signal Information</b>	顯示影像的解析度與頻率。
	<b>Quick Start</b>	若選擇 [On]，啟動電源時可較快。請注意待命狀態時可能會增加耗電量。
	<b>Language</b>	設定顯示語言。
	<b>Restore Default Settings</b>	所有設定恢復為預設狀態。

\* [Screen] 僅可在輸入影像色差信號時進行設定。

#### 提示

亦可使用BD遙控器（CECH-ZRC1）（另售）操作3D 顯示器。使用BD遙控器操作時，需使用TV按鈕、MENU按鈕、RETURN按鈕、ENTER按鈕及方向按鈕。詳細操作方法請參閱BD遙控器的使用說明書。

### 確認PS3™系統軟件的版本

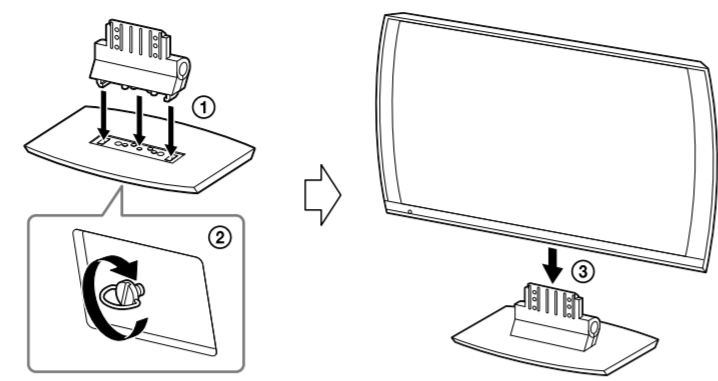
若要使用3D 顯示器，PS3™系統軟件需為3.70以上版本。若要確認系統軟件的目前版本，請進入PS3™主機的XMB™（XrossMediaBar）選單，再選擇 （設定）⇒（主機設定）⇒[系統資訊]。

### 確認內容

- 3D 顯示器（1）
- 底座（1）
- 底座支撐架（1）
- 交流電源線（1）
- HDMI連接線（1）
- 3D 眼鏡一組（收藏包、USB連接線）
- 使用說明書（1）

### 組裝

- 將底座支撐架插入底座直到聽見喀噠聲為止。**請按圖所示確認底座支撐架與底座的朝向同一方向。
- 鎖緊底部的安裝用螺絲以固定底座支撐架。**
- 將顯示器插入底座支撐架直到聽見喀噠聲為止。**



### 提示

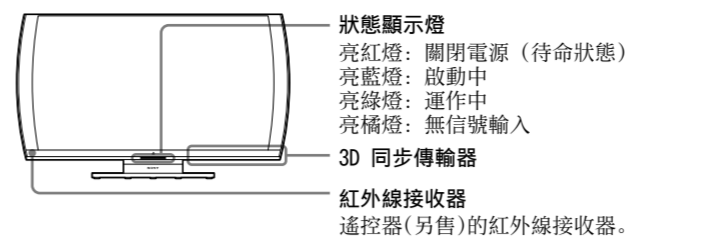
- 組裝底座或顯示器時，請注意不要夾到手或手指。
- 顯示器的角度可調整至10°。請以單手固定底座，並以另一隻手移動顯示器的上部。請注意若強行傾斜顯示器，可能會導致故障。

- 要取下底座時，請按下中央按鈕同時將顯示器往上舉起，請務必兩人以上進行此動作。

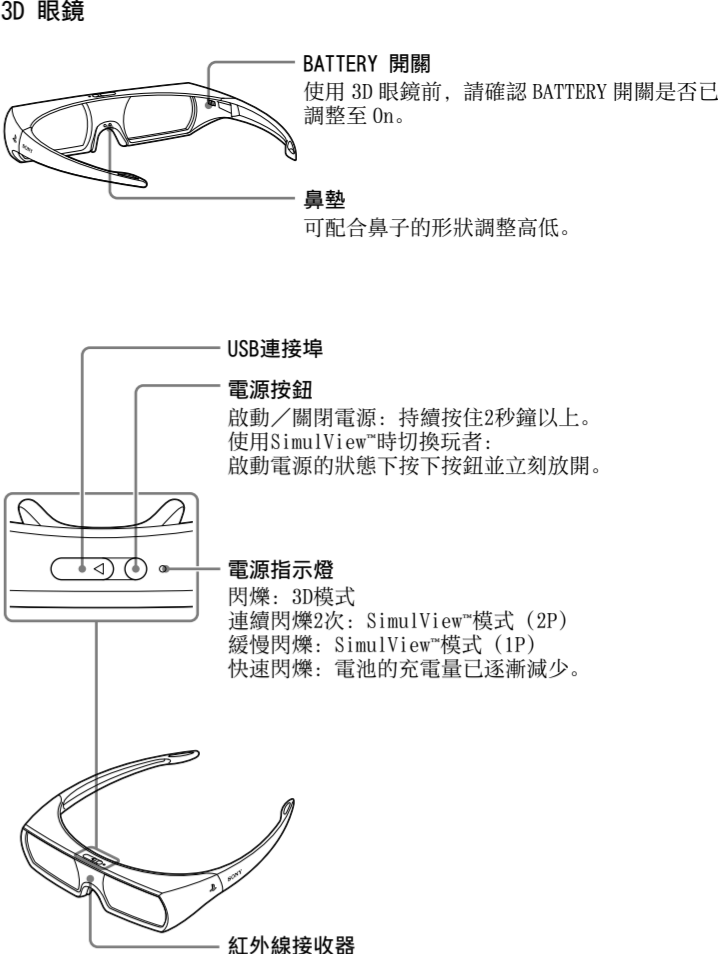
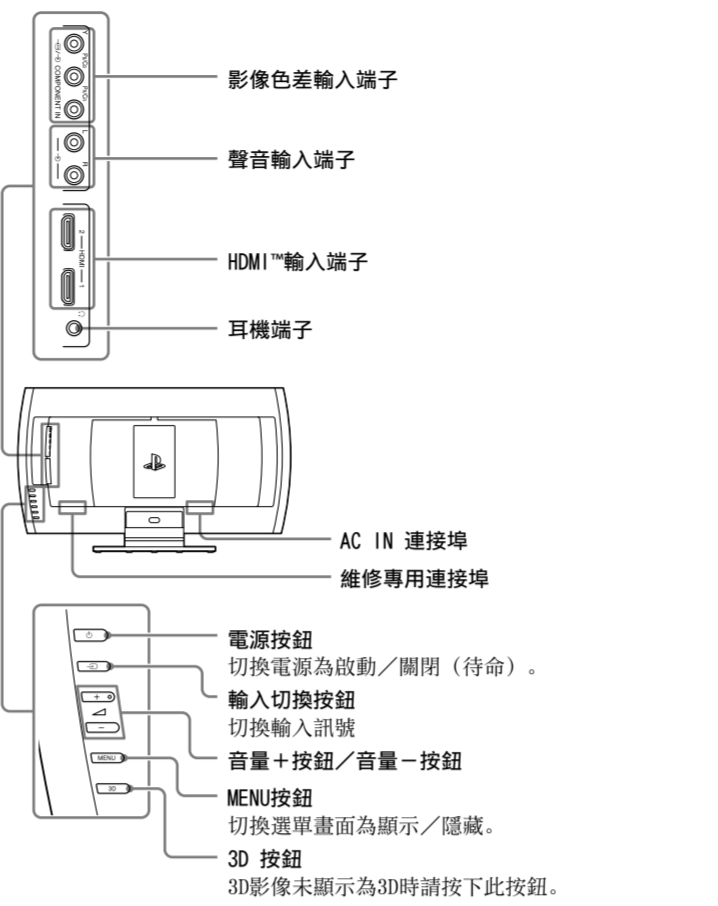


### 使用3D 顯示器

### 正面



### 背面



#### 提示

請注意不要被3D 眼鏡的鉸鏈(折疊部分)夾到。

### 設定PS3™的影像輸出

- 選擇 （設定）⇒（顯示器設定）。
- 選擇 [影像輸出設定]。
- 選擇 [HDMI]。
- 選擇 [自動]。
- 確認設定內容後，選擇 [是] 並按下按鈕。
- 將顯示器尺寸設定為24吋。
- 確認設定內容後，選擇 [是] 並按下按鈕。

#### 提示

進行此設定時，請直接使用HDMI連接線連接3D 顯示器與PS3™。若使用AV擴大機（喇叭）等連接顯示器或PS3™，可能無法正常設定。

### 使用SimulView™模式

SimulView™是可讓兩個玩者在遊玩相同遊戲時，各自觀看不同影像的機能。使用此機能時需準備支援SimulView™的遊戲及3D 眼鏡。

#### 提示

- SimulView™的影像會以2D顯示於各玩者的畫面中。
- 隨著使用環境或播放的影像不同，可能會產生影像無法完全分離、不同影像重疊顯示的情形。

### 為3D 眼鏡充電

- 打開USB端子蓋，連接USB連接線。
- 與PS3™等USB連接埠連接。充電中電源指示燈會亮燈，充電完成後會熄燈。

#### 提示

- 若在開啟3D 眼鏡電源的狀態下進行充電，會自動關閉電源。
- 若BATTERY 開關調整為Off時無法進行充電。

### 支援

**顯示器的電源突然關閉或不知何時關閉。**
→無輸入信號時會自動關閉電源。

**螢幕上出現光點或暗點。**

→在液晶畫面的某些特定位置可能會出現黑點（暗點）或持續性的亮點。液晶畫面出現此類現象乃是正常現象，並非故障。

**無法顯示為3D或SimulView™的影像／看不見3D或SimulView™的影像。**

- 請確認是否已開啟3D 眼鏡的電源。
- 請確認3D 眼鏡是否正在充電。
- 3D 眼鏡需接收3D 同步傳送器的紅外線以進行動作。發生下列情形時可能無法正確啟動。
  - 3D 眼鏡未朝向3D 同步傳送器。
  - 3D 同步傳送器與3D 眼鏡之間有障礙物。
  - 附近有紅外線通訊裝置或照明設備、家庭用暖氣裝置等。
- 使用3D 眼鏡時請與顯示器保持水平狀態。若躺下或傾斜臉部，可能會較難感受3D效果，或產生影像變色的情形。
- 若使用AV擴大機(喇叭)連接顯示器或PS3™，可能無法正常顯示3D或 SimulView™。請直接使用HDMI連接線連接顯示器與PS3™，進行PS3™的影像輸出設定。

**無法開啟3D 眼鏡的電源。**
→請確認BATTERY 開關是否調整為On。

### 規格

<b>3D 顯示器</b>	
<b>輸出</b>	HDMI輸入端子 × 2 <p>影像色差輸入端子 (Y/Cb (Pb) /CR (PR) ) × 各1</p> <p>聲音輸入端子 × 2: 2ch、插孔</p> <p>USB 連接埠 × 1: Type A、維修專用</p> <p>耳機輸出端子 × 1: 立體聲迷你插孔</p>
<b>喇叭</b>	立體聲 2ch (全音域、3 W × 2、28 mm × 28 mm、橢圓形) <p>超重低音揚聲器 (5 W、50 mm)</p> <p>負荷阻抗: 8 Ω</p>
<b>螢幕解析度</b>	1920 × 1080
<b>有效螢幕尺寸</b>	23.5吋
<b>電源</b>	AC 100 V~240 V (50/60 Hz)
<b>耗電量</b>	60 W、0.6 A ~ 0.26 A（使用時）、0.2 W以下（待機時）、7 W以下（[Quick Start] 為 [On] 時）
<b>操作溫度</b>	5℃~35℃
<b>外觀尺寸（寬 × 高 × 深）</b>	約650 × 391 × 207 mm（包含底座）
<b>重量</b>	約5.7 kg（包含底座）

<b>3D 眼鏡</b>	
<b>3D 眼鏡方式</b>	IR主動快門(IR Active Shutter)式*
<b>電池種類</b>	內藏型充電式鋰電池
<b>電池電壓</b>	DC 3.7 V
<b>電池容量</b>	70 mAh
<b>耗電量</b>	5 V 100 mA
<b>外觀尺寸</b>	約174 × 41 × 177 mm（使用時） <p>約174 × 41 × 60 mm（折疊時）</p>
<b>重量</b>	約47 g

\* 不保證可以觀看所有支援IR主動快門（IR Active Shutter）式產品。

本公司保留在沒有事先通知情況下，變更設計或規格之權利。



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