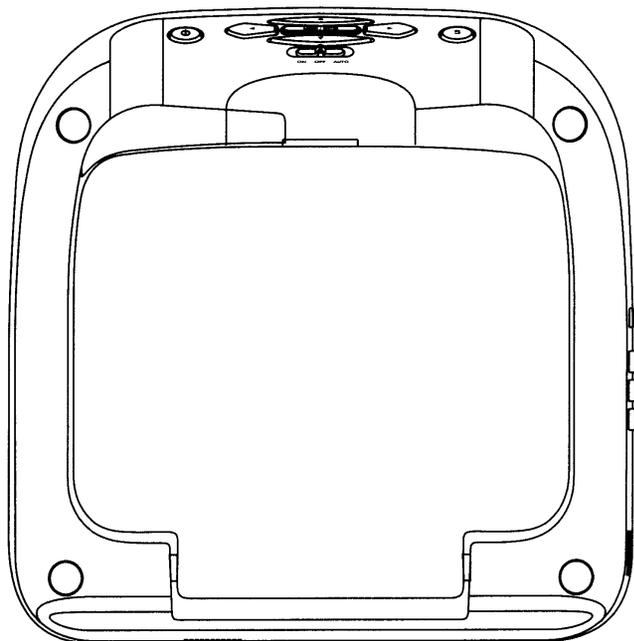


**ADV10PS2  
10.2" OVERHEAD LCD  
MONITOR WITH  
SONY PS2 PLAYER**



**OPERATION  
MANUAL**

**///ADVENT®**

128-8669

## Important Notice

Installation of overhead products requires careful planning and preparation. Be extremely careful when working on a vehicle with side curtain air bags. Do not route wires near any portion of the side curtain air bag assemblies. This includes any anchor points in A, B, C or D pillars of the vehicle. Routing wires in these areas or running wires by the side curtain air bags can prevent the side curtain air bag from fully deploying which can result in personal injury to vehicle occupants. If you have any questions regarding wire routing in a vehicle, please contact Audiovox Technical Support at 1-800-225-6074.

When connecting power and ground in a mobile video installation ensure that the ACC wire is fused at the point where it is connected to the vehicle ACC wiring. Failure to do so can result in damage to the vehicle if a short circuit develops between the vehicle connection point and the mobile video product.

An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

An LCD panel or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

## Warnings

- Do not use any solvents or cleaning materials when cleaning the video monitor.
- Do not use any abrasive cleaners, they may scratch the screen.
- Use only a lightly dampened lint free cloth to wipe the screen if it is dirty.
- Lock the LCD screen in the fully closed position when not in use.
- Before putting on headphones always adjust the volume setting to the lowest position.
- Remember to leave the dome light switch in the off or auto positions when the vehicle is unattended, as the dome lights, if left on, can drain the vehicle's battery.
- Do not put pressure on the screen.
- Caution children to avoid touching or scratching the screen, as it may become dirty or damaged.

Licensed under one or more of the following patents: Patent NOS. 5,775,762 and 5,927,784

**PlayStation®2** is a registered trademark of Sony Corporation

## Congratulations

Congratulations on your purchase of the ADVENT ADV10PS2 Player with Drop-Down Video / Monitor. The ADV10PS2 has been designed to give you and your family many years of video entertainment in the mobile environment. Please read the directions that follow to familiarize yourself with the product to ensure that you obtain the best results from your equipment.

**Please note:** Installation options vary, see the individual owner's manuals for each component in your system to obtain a full understanding of each component's operation.

## Safety Precaution

For safety reasons, when changing video media it is recommended that the vehicle is not in motion, and that you do not allow children to unfasten seat-belts to change video media or make any adjustments to the system. System adjustments can be accomplished using the remote control, while seat-belts remain fastened. Enjoy your ADVENT entertainment system but remember the safety of all passengers remains the number one priority.

## FEATURES

- 10.2" TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor
- Built-in SONY PlayStation2 game console
- 2 SONY PlayStation2 Wireless Game Controllers
- Full Function Remote Control
- OSD (On Screen Display) for Control of Picture Quality and Functions
- Infrared Transmitter for IR Wireless Headphones
- 2 wireless IR headphones
- Audio/Video Source Inputs (PS2, AV1, AUX)
- A/V output via RCA pigtail
- Dome Lights with 3-Position Switch
- Built-in 16 Channel Frequency Wireless FM Modulator
- Screen Mode Selection (4:3, 16:9)
- Backlit Controls
- Plays DVD, CD and SONY PlayStation2 Games

## Quick Start Guide

1. Insert batteries into the PlayStation2 game controllers and the remote control (game controller transceivers are preinstalled when the unit is shipped).
2. Turn the vehicle on (running this unit on battery power (accessory key setting) will drain the battery).
3. Press the screen release button to lower the LCD screen. Swing the screen back to allow the PlayStation2 to drop down.
4. Push the PlayStation2 release button to drop down the PlayStation2
5. Press the ▲ (open) button on the PlayStation2 to open the PlayStation2 disc cover.
6. Insert a DVD or PlayStation2 game onto the spindle and press gently to seat the disc on the spindle.
7. Close the disc cover on the PlayStation2 by pressing down gently on the center of the cover.
8. Return the PlayStation2 to its docked position
9. Turn the ADV10PS2 on by pressing the power button

**NOTE:** If a blue screen is present, press the green RESET key on the remote control or the PlayStation2.

10. If a game is played and the game controllers are not linked, press the “Force Link” button on each game controller.
11. If a DVD is played press the PLAY key on the remote control, or the “X” key on the game controller or the Menu/Enter key on the front of the overhead unit.

## Quick Start Guide (Cont)

12. When using the wireless headphones install the batteries in each headphone. Turn the volume to minimum before turning them on. Once they are turned on, place them on your head (pay attention to R/L earpieces) and slowly adjust the volume to a comfortable listening level.
  
13. When listening to the system over the vehicle radio:
  - a. Using the remote control:
    - i. to turn on the FM modulator by pressing FMM ON/OFF
    - ii. Select an FM frequency by pressing FMM Select.
    - iii. Tune the vehicle radio to the FM frequency selected.
  
  - b. Using the MENU/ENTER Key on the front of the unit:
    - i. Press MENU/ENTER.
    - ii. Use the ▼ (down) key to highlight FMM, press MENU/ENTER.
    - iii. Use the ▼(down) or ▲ (up) key to select FMM ON.
    - iv. Press MENU/ENTER to select FMM ON.
    - v. To select the frequency press MENU/ENTER.
    - vi. Use the ▼ (down) key to highlight FMM and press MENU/ENTER.
    - vii. Use the ▼ (down) key to highlight FMM SELECT and press MENU/ENTER.
    - viii. Use the ▼(down) ▲ (up) ► (right) or ◀ (left) keys to select an FM frequency.  
(**NOTE:** For best sound quality select an FM Frequency that is not used in the area you will be driving)
    - ix. Press MENU/ENTER to set the FM frequency.
    - x. Tune your vehicle radio to the frequency just set in the steps above.
    - xi. Adjust the volume of the vehicle radio to a comfortable listening level.

## Quick Start Guide (Cont)

### Using the Control Panel

To access the Control Panel press the dark gray DISPLAY or dark gray SELECT button. The Control Panel (Below) can be used to navigate the DVD disc. Refer to figure below:

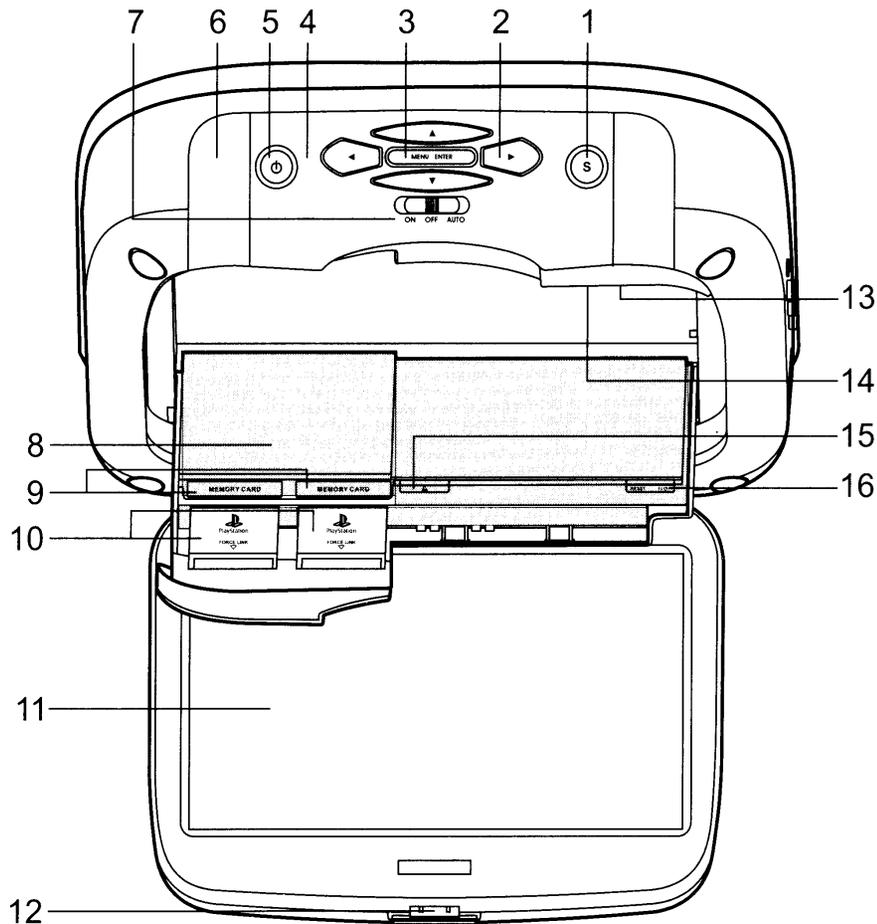


Pressing the dark gray DISPLAY or dark gray SELECT button again will cause the Control Panel to change its position on the screen. Pressing the DISPLAY or SELECT button a third time will turn off the Control Panel. Use the dark directional buttons (▼ ▲ ► ◀) to select an icon. When the desired icon is selected, press the X button.

**NOTE:** The Control Panel may appear at the end of some DVD movies.

For complete instructions regarding the functions provided by the Control Panel refer to the PlayStation2 User's Guide.

## CONTROLS AND INDICATORS DIAGRAM (FRONT VIEW)



1. **SOURCE Button (S)**  
Use to select the sources: PS2, AV1 and AUX.
2. **CURSOR Buttons (▲▼◀▶)**  
Use these buttons to access menu selections on the screen.
3. **MENU/ENTER Button**  
Use this button to access SYSTEM MENU and select system menu items.
4. **Infrared Transmitter and Sensor**  
Transmits audio to wireless headphones, allows the remote control to operate the unit and to control other accessories in the system.
5. **POWER Button (⏻)**  
Used to turn the system on/off (standby).
6. **Dome Lights**  
Provide additional interior illumination.
7. **Three Position Dome Light Switch**  
**ON** - Turns on the dome lights. (Do not leave switch on when vehicle is off.)  
**OFF** - The dome lights will not turn on in this position.  
**AUTO** - Automatically switches on the dome lights in conjunction with the vehicle's interior illumination.
8. **PlayStation2 CONSOLE**
9. **MEMORY CARD SLOT 1 & MEMORY CARD SLOT 2**  
(Memory Cards not supplied)
10. **PS2 WIRELESS FORCE 2 CONTROLLER TRANSCEIVERS**  
(Transceivers supplied)

**11. LCD Panel**

**12. Screen Release**

Press to release the screen.

**13. LCD Cut Off Switch**

Used to turn off the LCD backlit when the LCD is in the closed position.

**14. OPEN**

Push to open the PlayStation2 tray.

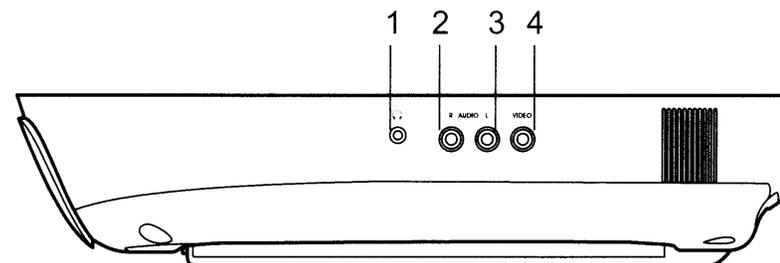
**15. OPEN (▲)**

The disc tray opens.

**16. RESET (I/⏻)**

ON/Standby and RESET indicator.

## CONTROL FUNCTION DESCRIPTION (SIDE VIEW)



**1. HEADPHONE JACK**

For wired headphone with a 1/8" (3.5mm) plug.

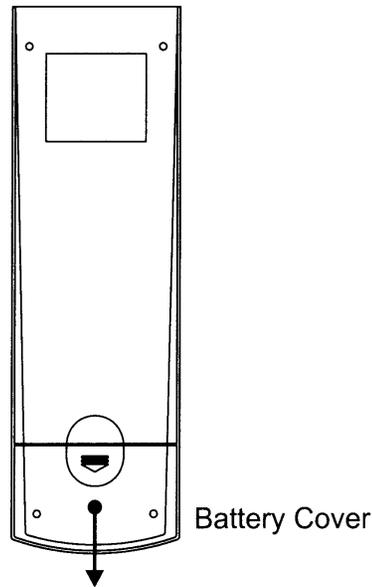
**2. Auxiliary Audio Right Input**

**3. Auxiliary Audio Left Input**

**4. Auxiliary Video Input**

# REMOTE CONTROL OPERATION

Back View



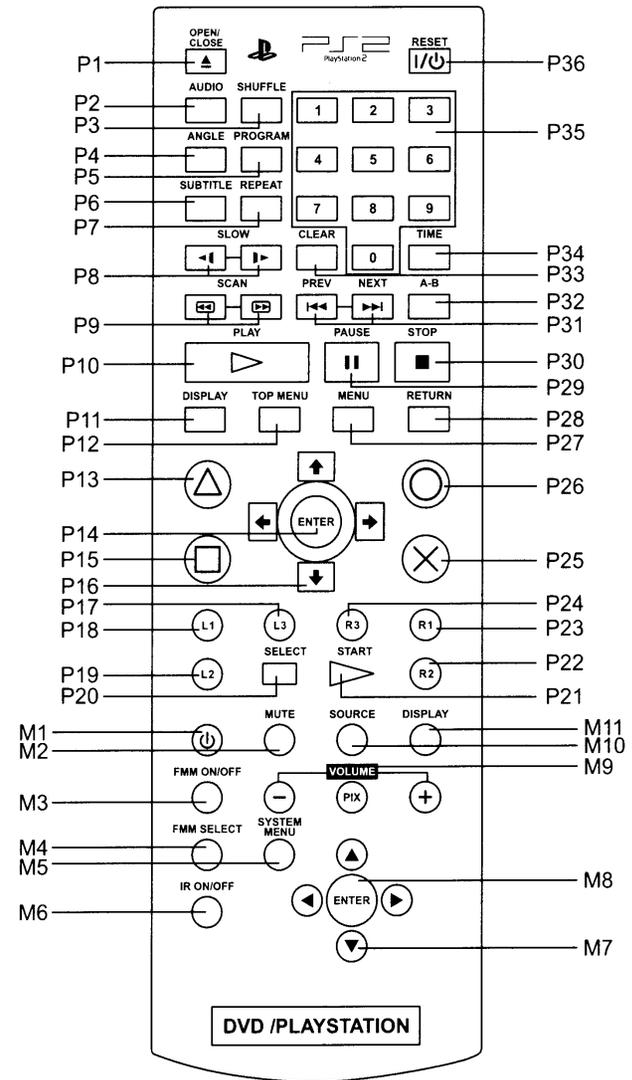
## Battery Installation

Before attempting to operate your Remote Control, install the batteries as described below.

- 1) Turn the Remote Control face down. Using your finger, slide the battery cover off in the direction of the arrow.
- 2) Install Two "AAA" batteries. Make sure that proper polarity (+ or -) is observed.
- 3) Align the cover tabs with the remote control and slide the cover until it locks.

The remote control is designed to operate the unit. It is not a universal remote control and will not control equipment from other manufacturers.

# MAIN FUNCTION OPERATION



## REMOTE CONTROL FUNCTIONS

The remote control is divided into two sections, Dark Gray buttons on the top, which control the built-in PlayStation2 and Light Gray buttons on the bottom of the remote control, that control the other functions of the unit.

### PLAYSTATION CONTROLS (P1-P36) (Dark Gray Buttons)

**NOTE:** PlayStation2 controls (refer to the SONY PlayStation2 manual for details).

**P1. OPEN/CLOSE**

Not used on this model.

**P2. AUDIO**

Displays and changes DVD audio options.

**P3. SHUFFLE**

Starts playback of titles or chapters in random order.

**P4. ANGLE**

Displays and changes DVD viewing angle options.

**P5. PROGRAM**

Displays the Program Setup screen.

**P6. SUBTITLE**

Displays and changes DVD subtitle options.

**P7. REPEAT**

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

**P8. SLOW (<⏪ / ⏩>)**

Changes to slow-motion playback. (Forward or Reverse)

**P9. SCAN (⏮ / ⏭)**

Fast forwards or fast reverses playback on the screen to locate a particular scene.

**P10. PLAY**

Starts playback.

**P11. DISPLAY**

Displays the Control Panel of the PlayStation2.

**P12. TOP MENU**

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

**P13. △ BUTTON: DVD MENU**

Selects the item to be changed.

**P14. ENTER**

Executes the item selected on the DVD disc menu or the on-screen Control Panel.

**P15. □ BUTTON: TITLE MENU**

Selects the title to be played.

**P16. DIRECTIONAL BUTTONS: CURSOR CONTROL**

Use these buttons to access the menu selection on the screen.

**P17. L3 BUTTON**

Displays Subtitle Options to select the subtitle language and/or turn it on or off.

**P18. L1 BUTTON**

Previous (⏮), press to return to the previous chapter or track.

**P19. L2 BUTTON**

Search (⏪) using fast reverse or fast forward playback.

**P20. SELECT**

Displays the control panel of the PlayStation2.

**P21 START**

Press to Play/Pause disc playback.

**P22. R2 BUTTON**

Search (⏩) using forward playback.

**P23. R1 BUTTON**

Next (⏭) press to skip to the next chapter or track.

**P24. R3 BUTTON**

Displays Audio Options, press the language changes.

**P25. X BUTTON: ENTER**

**P26. O BUTTON: CANCEL / ■ (Stop)**

**P27. MENU**

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

**P28. RETURN**

Returns to the previously selected screen within the disc menu of DVD-Video discs.

**P29. PAUSE**

Pauses and resumes playback.

**P30. STOP**

Stops playback.

**P31. PREVIOUS (⏮) / NEXT (⏭)**

Returns to the beginning of the current or previous chapter/Skips to the beginning of the next chapter.

**P32. A-B REPEAT**

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

**P33. CLEAR**

Clears selected numbers or playback modes.

**P34. TIME**

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

**P35. NUMBER 0~9**

Used to select numerical items displayed on the screen.

**P36. STANDBY / RESET**

Used to turn on, reset, and set the PlayStation2 console in standby mode. On :Press Once. Reset :Press for about one second.  
Standby mode :Press and Hold down for more than three seconds.

## **OVERHEAD MONITOR CONTROLS (M1-M11) (Light Gray Buttons)**

**M1. POWER**

Press this button to turn the unit ON and OFF.

**M2. MUTE**

Press this button to mute the audio. Pressing the button again restores the sound to the previously set level.

**M3. FMM ON/OFF**

Turns the wireless FM Modulator ON or OFF.

**M4 FMM SELECT**

Select the FM Modulator Frequency.

**M5. SYSTEM MENU**

Allows the user to access the main system menu for picture controls, FM Modulator Select, screen mode etc.

**M6. IR ON/OFF**

Turn Infrared Transmitter power ON/OFF for IR Wireless Headphones.

**M7. CURSOR BUTTON (▲▼◀▶)**

Use these buttons to access system menu selections on the screen.

**M8. ENTER**

Used to execute a selected setting or menu option.

**M9. VOLUME (- PIX +)**

Each time this button is pressed, the OSD will display the "adjustment bars" for BRIGHTNESS, CONTRAST, COLOR or TINT. Once the desired adjustment bar is displayed, use the ("+" / "-") buttons to adjust the setting. The display will automatically turn off if no adjustments are made after 6 seconds, or if any other button is pressed.

**M10. SOURCE**

Each time the button is pressed, the audio/video source will change: PS2, AV1 and AUX.

**M11. DISPLAY**

Press to display OSD information.

## WIRELESS CONTROLLER (2.4GHz)

Carefully read the information before use. For detailed connection and usage methods, refer to the Owner's Manual for the PlayStation2 system.

Requires 3 AAA Batteries (Not Included)

### HOW TO USE

Battery Installation and Pairing Instruction:

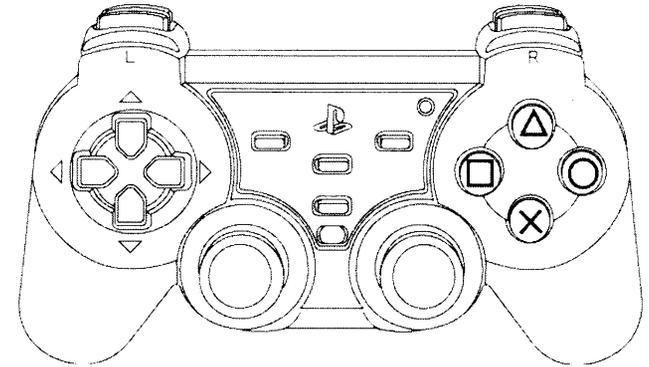
Remove battery compartment cover and place batteries in compartment.

Make sure that your batteries are placed in the correct direction in the battery compartment. Replace the battery cover once complete.

The wireless transceivers are pre-installed in the controller ports on your PlayStation2 system.

Turn on your PlayStation2 system. Press the green reset button on the remote control if the PlayStation2 does not come on when the main unit is turned on.

The Link LED will flash for a few seconds and the transceiver will begin to search for the controller. Once the controller is paired with the transceiver, the LED indicator will glow and will remain lit.



The LED will turn off when the controller is powered off or is in sleep mode.

In order to avoid conflicts between working controllers, each is issued a unique ID. However, if there is a need to re-pair the controller and the transceiver, simply press the “Force Link” button on the transceiver first, then on the controller. The Link LED will flash for a few seconds and the receiver will begin to search the controller.

**Safety Precaution: Follow the battery manufacturer's instructions as well as these important safety tips. Do not open or mutilate batteries as they might leak dangerous chemicals.**

Sleep Mode:

The controller will revert to sleep mode after five minutes of inactivity or when the controller is without an active link for a period of two minutes. The Pad will wake from sleep mode by pressing any of the following keys “Mode”, “Select”, “Start”, “L3” or “R3”.

Low Power Warning Function:

Under low battery conditions, the Mode LED will flash and the vibration motors will automatically turn off.

Vibration:

The controller's default vibration setting is on.

To turn off the vibration function, press the vibration button once. The controller will vibrate twice to confirm.

To turn the vibration on, press the vibration button once and the controller will vibrate once to indicate vibration is active.

**Safety Precaution: Stop using this unit immediately if you begin to feel tired or if you begin to feel discomfort or pain during use. Do not use the vibration function if you have an ailment or injury to the bones, joints or muscles of your hands or arms.**

## SYSTEM MENU ADJUSTMENT

The System Menu contains features and options that let you customize your system to change the screen mode display, OSD language and source default.

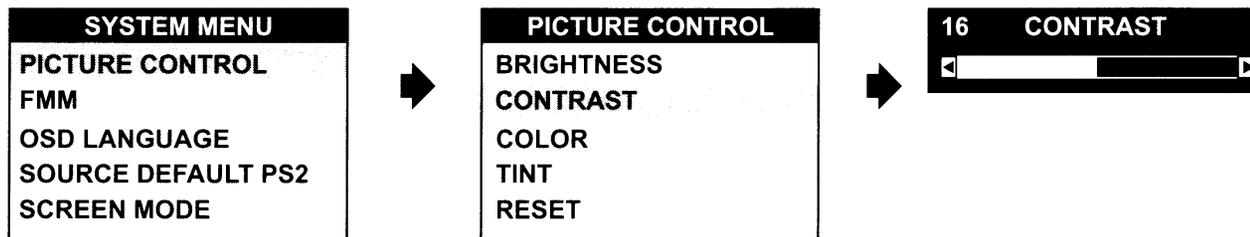
- 1) Press the MENU/ENTER button on unit to enter System Menu, the main page of the system menu will appear on screen.
- 2) Use the cursor buttons ▲ or ▼ to select the desired item in the main page and press the MENU/ENTER button to select. (Items selected in the menu will have a green background)
- 3) The sub menu will appear on screen.
- 4) Use the cursor buttons ▲ or ▼ to select an item in the sub menu and then press the MENU/ENTER button to select.
- 5) Use the cursor buttons ◀ or ▶ to adjust picture control and press the MENU/ENTER button to confirm setting.
- 6) Press and hold the MENU/ENTER button to exit System Menu.

**NOTE:** : System Menu can be controlled via unit and remote control. Press the SYSTEM MENU button for access. (Items selected in the menu will have a green background)

### PICTURE CONTROL (REMOTE CONTROL)

When watching a DVD or playing a game, the picture quality can be adjusted to suit your personal taste.

- 1) Press the SYSTEM MENU button on the remote control, the SYSTEM MENU will appear.
- 2) Highlight PICTURE CONTROL using the light gray ▲ or ▼ buttons and press the light gray ENTER button. The PICTURE CONTROL menu will appear.
- 3) Use the light gray ▲ or ▼ buttons to highlight the picture control to be changed and press the light gray ENTER button. The control setting for that picture control will appear on the screen.



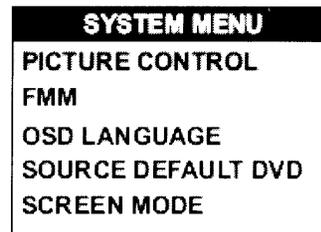
- 4) Use light gray ◀ or ▶ buttons to change the picture control setting.
- 5) To change another picture control setting press the SYSTEM MENU button and select another picture control using the light gray ▲ or ▼ buttons. Repeat step 4 to change the picture control setting.
- 6) To reset the picture control settings to the factory default settings, enter the picture control menu and use the light gray ▼ button to highlight RESET and press the light gray ENTER button.

**NOTE:** The light gray PIX control and light gray VOLUME and + buttons on the remote control can also be used to adjust the picture control settings. When using this method highlight RESET and press the or + button to reset the picture controls to factory default settings.)

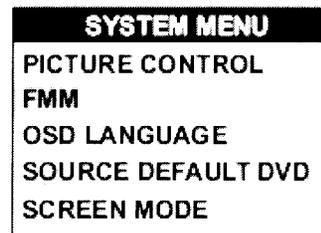
### **FMM**

FMM ON/OFF options - Turns the wireless FM Modulator on or off.

- 1) Press the SYSTEM MENU on the remote control, the following screen will appear:



- 2). Use the light gray ▼ (down) arrow on the remote control to highlight FMM as shown below:



3) Press the light gray ENTER button on the remote control and the following screen will appear:

SCREEN MODE	
FMM ON	
FMM OFF	
FMM SELECT	

4). Use the light gray ▲ (up) or ▼ (down) arrow on the remote control to highlight FMM ON and press the light gray ENTER button to turn the FM Modulator on.

### **FMM SELECT**

1. Repeat steps 1 through 3 above and highlight FMM SELECT

2). Use the light gray ▼ (down) arrow on the remote control to highlight FMM SELECT and press the ENTER button, the following screen will appear.

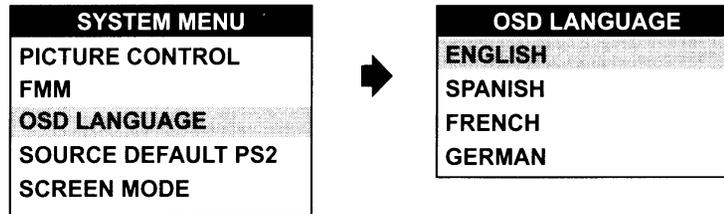
FMM SELECT	
88.1 MHz	89.7 MHz
88.3 MHz	89.9 MHz
88.5 MHz	90.1 MHz
88.7 MHz	90.3 MHz
88.9 MHz	90.5 MHz
89.1 MHz	90.7 MHz
89.3 MHz	90.9 MHz
89.5 MHz	91.1 MHz

3) Use the light gray ▲ (up) ▼ (down) ◀ (left) ▶ (right) buttons on the remote control to select a frequency not used by a radio station in the area. Press the light gray ENTER button to select the highlighted frequency.

**NOTE:** The menu will time out after a short period, or press the SYSTEM MENU button to turn off the menu.

## **OSD LANGUAGE**

This allows the user to select the language for the on-screen display. The user can either select English, Spanish, French, German for the OSD language.

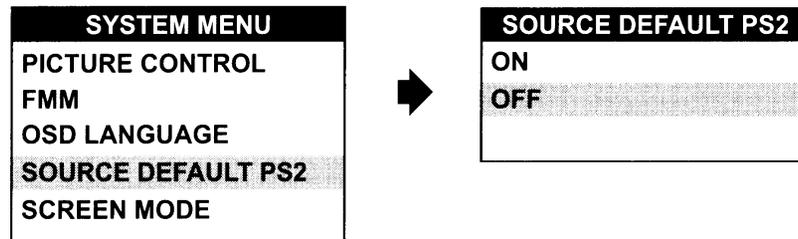


## **SOURCE DEFAULT PS2**

This allows the user to set the system default source to PS2 (via System Menu).

### ***NOTE: :***

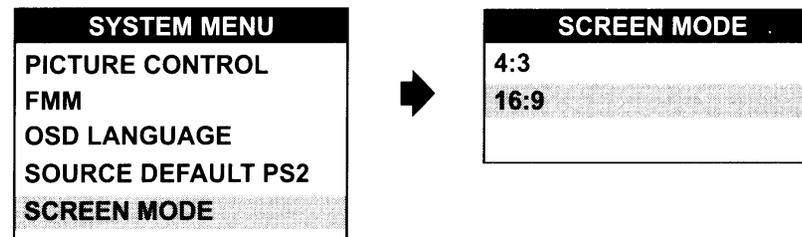
- If selected default source is set to PS2 every time the unit's power is cycled with the source set to something other than PS2, the unit will power up and automatically switch the source over to PS2
- Unit will be set to Last Source on as the default mode of operation.
- Selection of Source default can only be made from within the system menu.



## **SCREEN MODE**

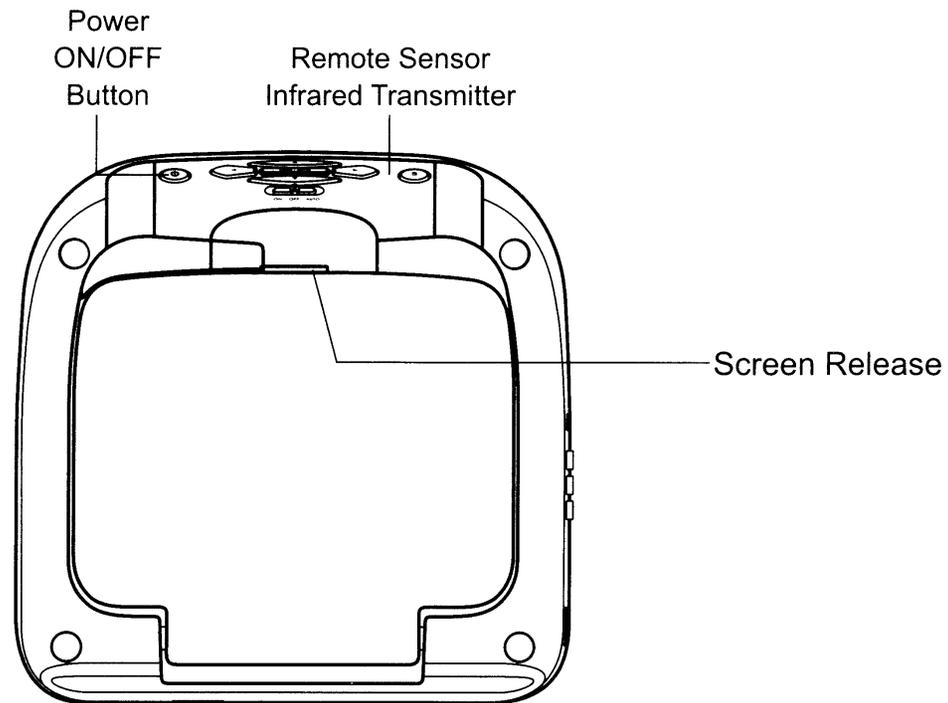
This allows the user to change the screen format (aspect ratio 4:3, 16:9).

To select the screen aspect ratio format highlight SCREEN MODE and press MENU/ENTER button to enter the submenu. Then press the Cursor button ▲ or ▼ to select from 4:3 or 16:9. Press MENU/ENTER button to confirm the setting.



## TURNING THE UNIT ON OR OFF

1. Pushing in the Screen Release button will unlock the LCD screen and it will drop down slightly. Pivot the screen downward until a comfortable viewing angle is reached. The hinge friction will hold the screen in position while the system is in use.
2. Pressing the power button\* on the unit or the remote control will turn the system on and off. When in use the internal backlighting will illuminate the controls.
3. After the unit has been turned on and is displaying a picture, adjust the viewing angle, by pivoting the screen to optimize the picture quality.
4. Remember to turn the unit off and pivot the LCD to the locked position when not in use.



## **OVERHEAD DOME LIGHTS**

The Dome Lights integrated into the unit are controlled by a three position slide switch. Sliding the switch to the ON position will turn the lights ON. The OFF position will prevent the lights from turning ON with the vehicle's interior lighting, and the auto position will allow the lights to turn ON and OFF with the vehicle's interior lighting. Refer to the Installation Guide for wire connections. Do not leave the vehicle unattended with the dome light switch in the ON position, as this could result in a discharged battery.

## **ACCESSORIES**

### **WIRELESS HEADPHONES**

The unit includes a built-in infrared transmitter for use with the supplied wireless headphones. The headphone volume is adjusted using the controls on each headset. Any number of wireless headphones may be used but they must be used within a line of sight from the transmitter, as infrared transmissions, like visible light travel only in a straight line. See the documentation accompanying your wireless headphones.

### **WIRED HEADPHONES (OPTIONAL)**

There is one 1/8" headphone jack on the unit that can be used with any standard wired stereo headphones with a 1/8" plug. This jack is controlled by the volume up/down buttons on the remote control or the ◀ (left) ▶ (right) buttons on the overhead.

## **SOURCE FEATURE**

### **AV1**

The AV1 input may be connected to a external video source, video game system, or other audio / video devices. To access the audio / video inputs, turn the unit on and press the S (source) button or the Source button on the remote control until "AV1" is displayed on the screen. Turn the video source component on with its power button or remote control and it is now ready to play the audio and video signals from the source connected .

**NOTE:** *The AV1 source is available only if pre-installed during your video product installation.*

### **AUX**

The AUX input (located on th right side of the unit) may be connected to a external video source, video game system, or other audio / video devices. To access the audio / video inputs, turn the unit on and press the S (source) button or the Source button on the remote control until "AUX" is displayed on the screen.

### **PS2**

Press the source button until the screen displays PS2.

Press (I/⏻) RESET on unit/remote control to turn ON the PS2 Console.

## TROUBLESHOOTING

PROBLEM	SOLUTION
IR remote inoperative	<ul style="list-style-type: none"> <li>• Verify that the batteries in the remote are fresh.</li> <li>• Verify that the remote sensor eye is not obstructed.</li> </ul>
Disc won't play	<ul style="list-style-type: none"> <li>• Insert a disc with the label side facing up.</li> <li>• Check the type of disc you put into disc tray. This PS2 only plays PS2 GAMES, DVDs, audio CDs.</li> <li>• Both the unit and the disc are coded by region. If the region codes don't match, the disc can't be played.</li> <li>• Make sure screen source is set to PS2.</li> </ul>
Play starts, but then stops immediately	<ul style="list-style-type: none"> <li>• The disc is dirty. Clean it.</li> <li>• Condensation has formed. Allow player to dry out.</li> </ul>
No sound or distorted sound	<ul style="list-style-type: none"> <li>• Make sure your DVD is connected properly. Make sure all cables are securely inserted into the appropriate jacks.</li> <li>• Make sure the Modulator is ON and the Frequency selected on the unit matches the frequency set on the radio.</li> <li>• Make sure that unit is using Single Channel Headphones or Dual Channel Headphones set to channel A.</li> <li>• For wireless headphones make sure the batteries are fresh.</li> </ul>
Can't advance through a movie	<p>It can't advance through the opening credits and warning information that appear at the beginning of movies because the disc is programmed to prohibit that action.</p>

<b>PROBLEM</b>	<b>SOLUTION</b>
⊘ Not allowed at the moment	<ul style="list-style-type: none"> <li>• The feature or action cannot be completed at this time because:               <ol style="list-style-type: none"> <li>1. The disc's software restricts it.</li> <li>2. The disc's software doesn't support the feature (e.g., angles)</li> <li>3. The feature is not available at the moment.</li> <li>4. 4 title or chapter number that is out of range.</li> </ol> </li> </ul>
Picture is distorted	<ul style="list-style-type: none"> <li>• The disc might be damaged. Try another disc.</li> <li>• It is normal for some distortion to appear during forward or reverse scan.</li> </ul>
No forward or reverse scan	<ul style="list-style-type: none"> <li>• Some discs have sections that prohibit rapid scanning or title and chapter skip.</li> <li>• If you try to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.</li> </ul>

### **Service and Repair**

Warranty on all components in this system ( ADV10PS2, Remote Control, Game Controllers and built-in Sony PlayStation2) is handled by Audiovox Electronics Corporation. For service call 1-800-225-6074.

## REPLACEMENT PARTS

## SPECIFICATIONS

Remote Control

136-4926

LCD Backlighting

LED

Resolution

800 (RGB) x 480

Pixels

1,152,000

Operation Temperature

32 ~131° F (0 ~ 50° C)

Storage Temperature

-4 ~ 158° F (-20 ~ 70° C)

Backlit life

10,000 Hours

Video Display System

NTSC / PAL

Headphone Audio Output

0.03W @ 32 ohms

Video Output

1.0Vp-p @ 75 ohms

Power Source

12V DC

Dimension

L x W x H

12" x 12" x 2.5"

315mm x 315mm x 64.5mm

Specifications subject to change without notice.



## ADVENT LIMITED WARRANTY

*Applies to ADVENT Mobile Video Products*



AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that, should this product or any part thereof (except game controllers), under normal use and conditions, be proven defective in material or workmanship within 36 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor. If your new vehicle's radio, CD/DVD player is covered by the manufacturer's warranty for a period of 48 months as set forth in the OEM Warranty Booklet, the company will extend the Advent Mobile Video product warranty for the same period of time. This is not applicable to extended warranty purchases beyond the original manufacturer's warranty. A game controller, if supplied, is similarly warranted for ninety (90) days.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to digital memory/media devices, gaming devices, discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

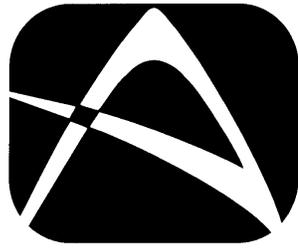
This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITH IN A PERIOD NOT EXCEEDING 12 MONTHS AFTER EXPIRATION OF THE WARRANTY. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Audiovox Electronics Corporation, 150 Marcus Blvd., Hauppauge, New York 11788 1-800-645-4994

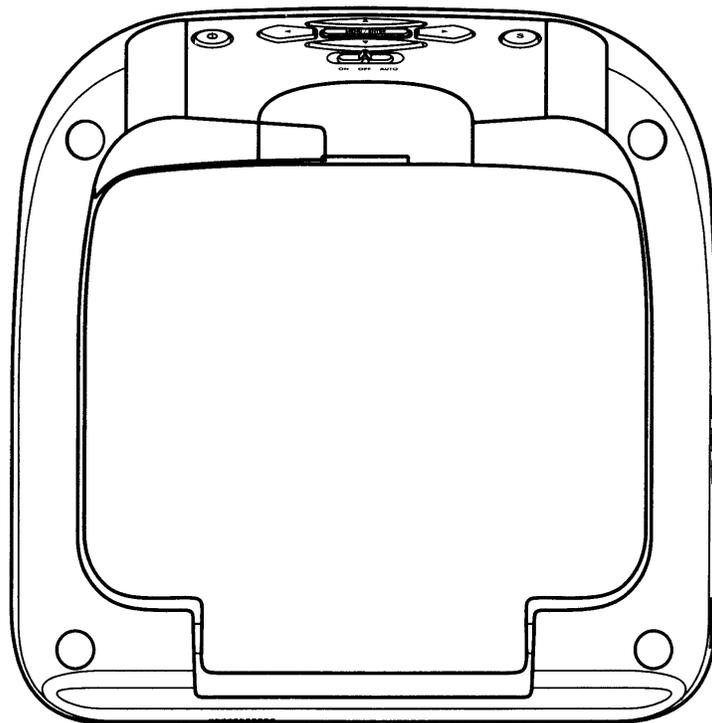
128-7188B





**AUDIOVOX<sup>®</sup>**  
**ELECTRONICS CORP.**

**VOD10PS2**  
**10.2" OVERHEAD LCD MONITOR**  
**WITH SONY PS2 PLAYER**



**Installation Guide**

## Important Notice

An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

An LCD panel or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

Installation of overhead products requires careful planning and preparation. Be extremely careful when working on a vehicle with side curtain air bags. Do not route wires near any portion of the side curtain air bag assemblies. This includes any anchor points in A, B, C or D pillars of the vehicle. Routing wires in these areas or running wires by the side curtain air bags can prevent the side curtain air bag from fully deploying which can result in personal injury to vehicle occupants. If you have any questions regarding wire routing in a vehicle, please contact Audiovox Technical Support at 1-800-225-6074.

When connecting power and ground in a mobile video installation ensure that the ACC wire is fused at the point where it is connected to the vehicle ACC wiring. Failure to do so can result in damage to the vehicle if a short circuit develops between the vehicle connection point and the mobile video product.

---

## Important Note

The VOD10PS2 incorporates two new features:

- 1) A wireless FM Modulator
- 2) Snap on Covers with matching Trim Rings (Shale and Pewter).  
Select the color that matches the interior trim.

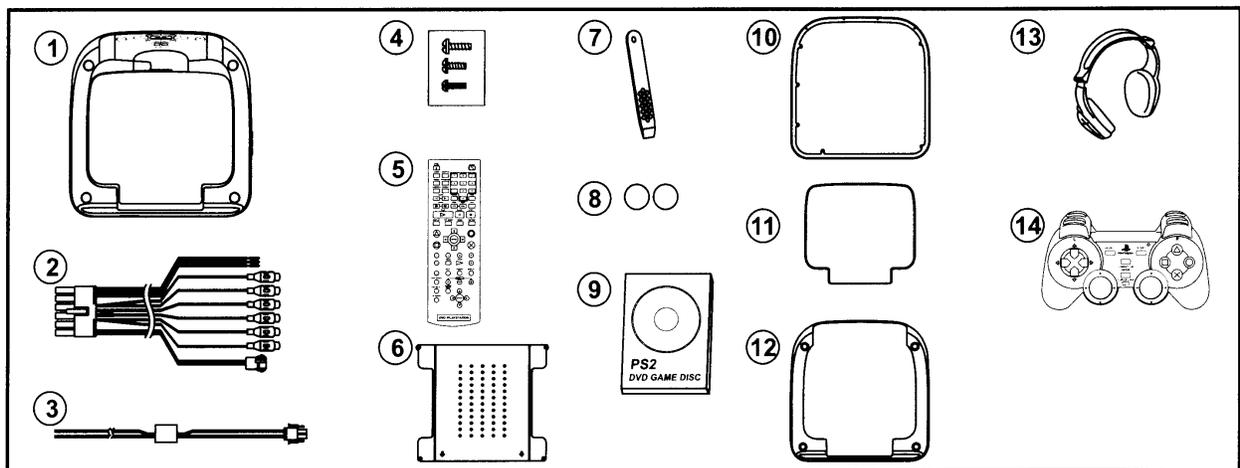
Please be advised that the wireless FM modulator will perform well in most applications. However, in certain applications the quality of the wireless signal may be less than optimal, resulting in static or strong local station bleed thru. If this is the case, an optional relay box is available. The Audiovox part number is SIRSWB and it plugs into the 1/8" jack located next to the FM antenna on the side of the chassis. This relay box is installed between the vehicle antenna and the car radio to provide the best possible FM reception of the DVD player audio. When the SIRSWB is installed it is recommended that the wireless FM antenna that is plugged into the printed circuit board next to the 3.5mm jack be unplugged.

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Licensed under one or more of the following patents,  
Patent NOS. 5,775,762 and 5,927,784

## MATERIALS INCLUDED IN THIS PACKAGE:

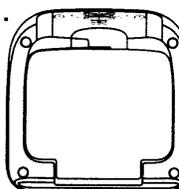
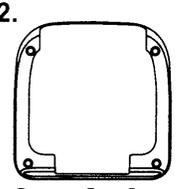
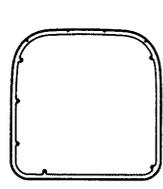
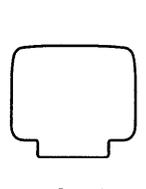
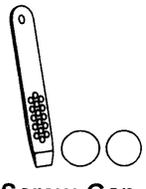
- |  |          |
|--|----------|
| 1) 10.2" Overhead LCD Monitor With SONY PS2 Player     | - (1pc)  |
| 2) 12 Pin Power / Signal Harness (P/N 112-3959)        | - (1pc)  |
| 3) 2 Pin Power Wire Harness With Choke (P/N 112B3143)  | - (1pc)  |
| 4) Hardware Package                                    |          |
| Screws ISO M5 x 10mm                                   | - (4pcs) |
| M4 x 16 Self Drilling Screws                           | - (4pcs) |
| M3 x 8 Self Tapping Screws                             | - (6pcs) |
| 5) Remote Control (P/N 136-4926)                       | - (1pc)  |
| 6) Universal Mounting Bracket (P/N 108-4010)           | - (1pc)  |
| 7) Pry Tool  | - (1pc)  |
| 8) Screw Cap - Shale                                   | - (4pcs) |
| - Pewter   | - (4pcs) |
| 9) PS2 DVD GAME DISC                                   | - (2pcs) |
| 10) Trim Ring - Shale (P/N 172-0010)                   | - (1pc)  |
| - Pewter (P/N 172-0011)                                | - (1pc)  |
| 11) Snap On Cover (Screen Back) - Shale (P/N 172-0012) | - (1pc)  |
| - Pewter (P/N 172-0013)                                | - (1pc)  |
| 12) Snap On Cover (Shroud) - Shale (P/N 172-0014)      | - (1pc)  |
| - Pewter (P/N 172-0015)                                | - (1pc)  |
| 13) Wireless Headphones (P/N IR1CFF)                   | - (2pcs) |
| 14) PS2 Game Controller (P/N 136-4927)                 | - (2pcs) |



## TOOLS REQUIRED:

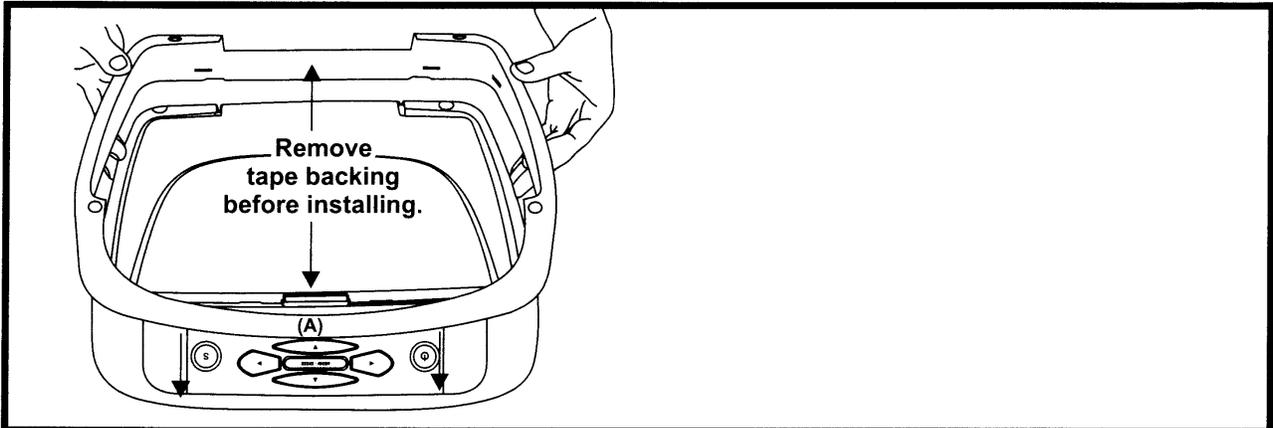
- #2 Phillips Screwdriver
- #1 Phillips Screwdriver
- Utility or Razor Knife or Shears
- Wire Strippers
- Upholstery hook tool (for removal of panels as necessary)
- Electrical Tape
- Masking Tape
- Multimeter (to verify 12 volt DC and continuity: Do not use a test light or logic probe)
- Marker pen – to mark headliner
- Scribe (to mark trim ring if used)
- Misc. electrical connectors (to connect to vehicle power source). Requirements will vary from vehicle to vehicle)
- DVD Movie (to verify system operation after installation)

## Installing The Snap On Covers

<p>1.</p>  <p><b>Housing</b></p>	<p>2.</p>  <p><b>Snap On Cover (Shroud)</b> 1 Pewter, 1 Shale</p>	<p>3.</p>  <p><b>Trim Ring</b> 1 Pewter, 1 Shale</p>	<p>4.</p>  <p><b>Snap On Cover (Screen Back Cab)</b> 1 Pewter, 1 Shale</p>	<p>5.</p>  <p><b>Screw Cap (L &amp; R)</b> 4 Pewter, 4 Shale</p>
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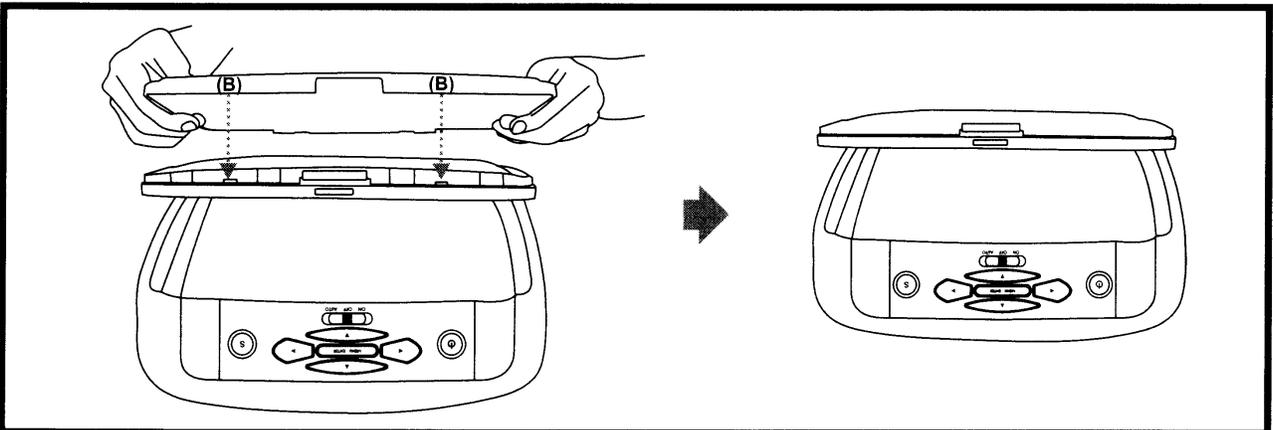
Place the pod on a soft surface to avoid damaging the plastic.

## Installing The Shroud



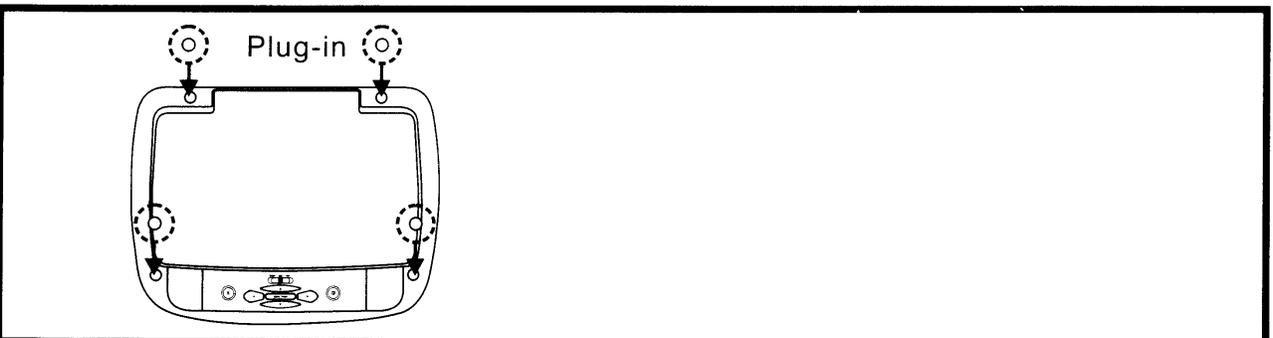
Begin by hooking area "A" (above) over the dome light and slide the cover over the pod. The cover will snap in place.

## Installing The Screen Cover



Open the screen and hook the two tabs "B" on the bottom edge of the screen. Snap the opposite side over the hinge.

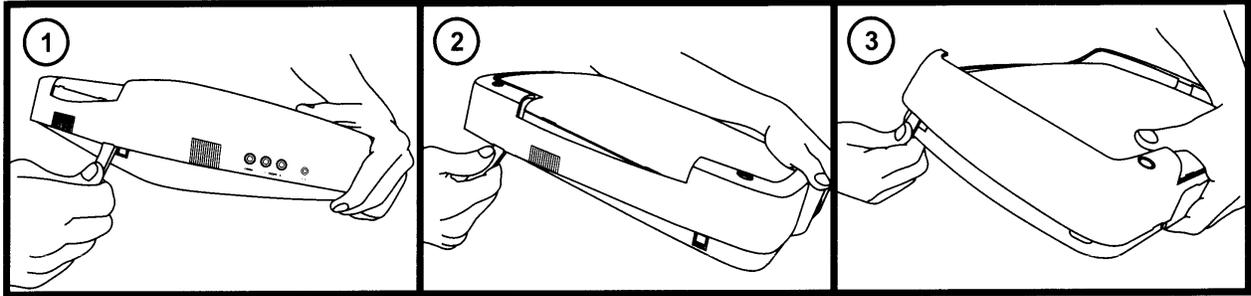
## Installing The Screw Cap



Screw cap get installed after the unit is mounted.

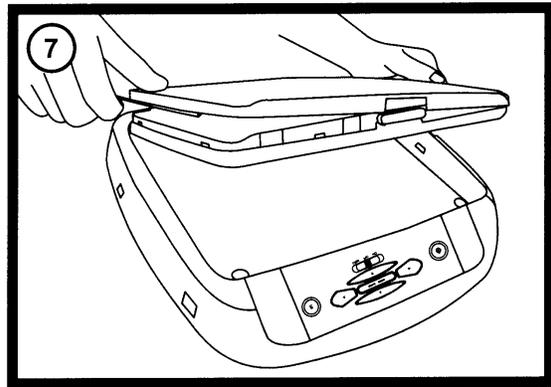
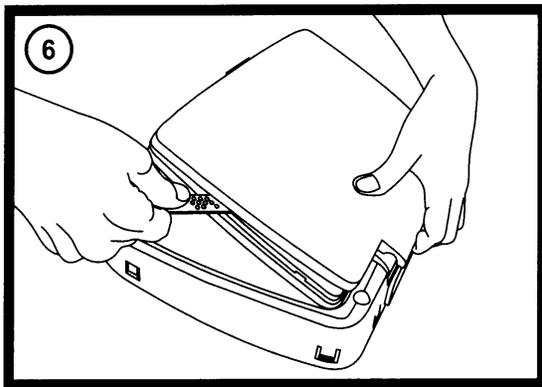
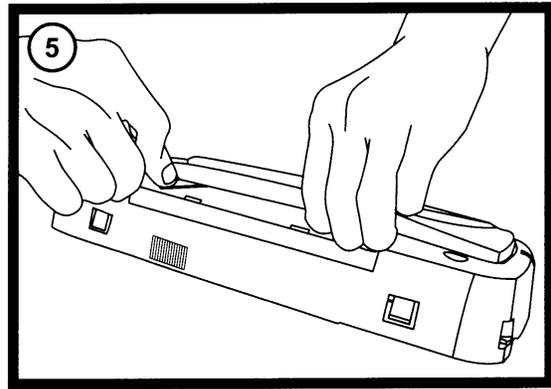
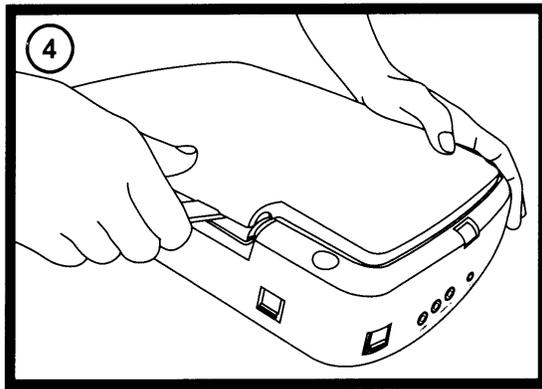
### **Removing The Snap On Cover (Shroud) From The Housing**

Work on a soft surface to avoid damaging the plastic.  
Insert the supplied **pry tool** between the Housing and **Snap On Cover (Shroud)**, then press the **pry tool** to release the **Snap On Cover (Shroud)**.



### **Removing The Snap On Cover (Screen Back) From LCD The Housing**

Insert the supplied **pry tool** between the Housing and **Snap On Cover (Screen Back)**, then press the **pry tool** to release the **Snap On Cover (Screen Back)**.



## GENERAL INSTALLATION APPROACH:

- 1) Decide upon system configuration and options that will be installed.
- 2) Review all manuals to become familiar with electrical requirements and hook ups.
- 3) Decide upon mounting locations of all components and method of mounting.
- 4) Prep the vehicle by removing any interior trim necessary to gain access to vehicle's wiring as well as all areas where interconnecting wire harnesses will need to be located. If any access holes need to be cut into the vehicle (headliner, other trim components etc.), this should be done now as well.
- 5) Route the wiring harnesses throughout the vehicle as necessary. (Refer to the Wiring Diagrams on this manual as well as the wiring instructions for the individual components and accessory options being installed). Be sure that all wiring is protected from sharp edges and is routed in such a manner that pinched when all components and interior trim are fully installed. Be sure to leave enough slack in the wiring at each component to allow working room.
- 6) Remove all A/V system components from their packaging and place them loosely in the vehicle at their respective locations.
- 7) Connect all components together (electrically) and verify proper operation of all system functions.  
**Note:** This is best done BEFORE, components have been permanently mounted.
- 8) After verifying proper operation of the system, proceed to mount of each component.
- 9) When all components are mounted, recheck function of entire system again to ensure that no wiring was pinched or connected improperly during final installation.

## VEHICLE PREPARATION:

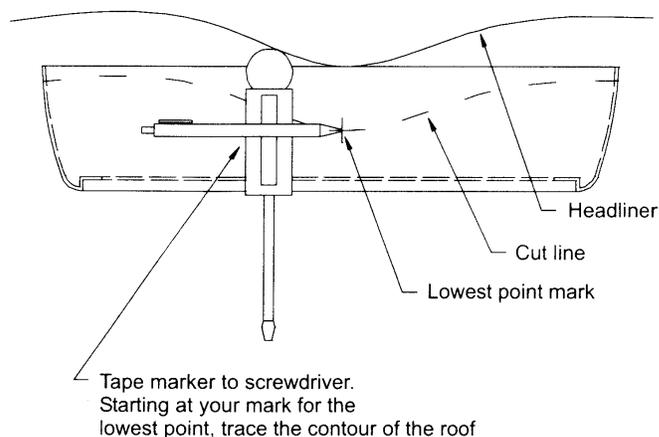
- 1) Locate an accessory power source (+12v when key is in the ACC. and run positions, and 0v when key is off), and also a good ground generally, these wires can be found at the ignition switch or fuse-box.
- 2) The mounting method and location will vary from vehicle to vehicle, so this manual will only focus on the installation of the VOD10PS2 and related console accessories.
- 3) Generally, the best location for the video monitor is where the vehicle's factory dome light is installed. The monitor should be located in such a manner that it can be comfortably viewed by rear seat passengers.  
**NEVER INSTALL THE MONITOR IN A PLACE WITHIN THE DRIVER'S VIEW. THIS IS NOT ONLY DANGEROUS, BUT IT IS ALSO ILLEGAL IN MANY STATES.**
- 4) Once the mounting location of the monitor has been determined, there may be additional preparation work necessary, depending on the vehicle structure and installation method. Some of the steps that may be required are:
  - A) Removal of the vehicle's dome light
  - B) If the trim ring will be used, it may have to be trimmed to fit the contour of the vehicle's headliner. Refer to the "Trim Ring Installation" section in this manual.

## TRIM RING INSTALLATION:

**Note:** This page only covers special installation considerations for thick trim ring installation. If the video monitor is to be installed in a vehicle with the thick trim ring, it may need to be trimmed to fit the contour of the vehicle Headliner.

**Note:** The trim rings supplied with this unit are not designed to be trimmed.

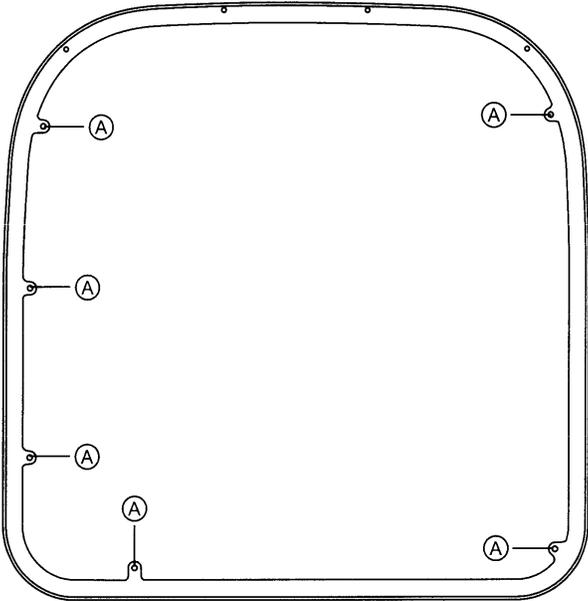
- 1) In this installation, the video monitor is mounted directly to the overhead cross-member in the roof using the mounting screw bosses. These screw bosses should contact the cross-member directly (i.e.: no gap between the screw boss and the roof structure). Also, be sure that the screws do not pierce the outer roof skin when fully fastened to the cross-member. The trim ring is attached to the video monitor using the perimeter screw bosses. It is important that the screws used in this installation are not over tightened, and that the video monitor and trim ring are mounted in such a way that the assembly does not distort (or bend) when the mounting screws are tightened. An alternate method is to use the mounting bracket. First secure the mounting bracket to the cross-member, then screw the monitor into the mounting bracket. See the drawing in this manual.
- 2) It is best to mount the video monitor to the roof structure without the trim ring first. There should be a gap between the headliner and the outer flange of the video monitor. The trim ring should be cut to fill this gap. Apply masking tape to the outer surface of the trim ring in the areas where the cut will be made.
- 3) Mark the cut to follow the necessary contour of the roof. The suggested method of marking is as follows:
  - A) First mark the narrowest point of the trim ring on the masking tape. Be careful to consider not only vertical location, but fore-aft location.
  - B) Using the handle of a screwdriver, make a "transfer marking tool". See diagram below. Place the tool against the roof and the marker against the masking tape on the trim ring. Trace the cut to be made around the entire perimeter of the trim ring.
  - C) Cut the trim ring using a sharp utility knife or shears. Make the cut in several passes over the marked line, each time cutting a little deeper. It is not necessary to cut completely through the plastic, the cut only need be over 50% of the wall thickness of the plastic. By bending the cut back and forth several times, the plastic will break cleanly at the cut.
  - D) Check the fit of the trimmed console and make any minor adjustments necessary.
- 4) The trim ring can be painted or covered with a material that matches the headliner before assembling the trim ring to video monitor.
- 5) The finished trim ring should be attached to the video monitor, then attach the assembly to the roof.



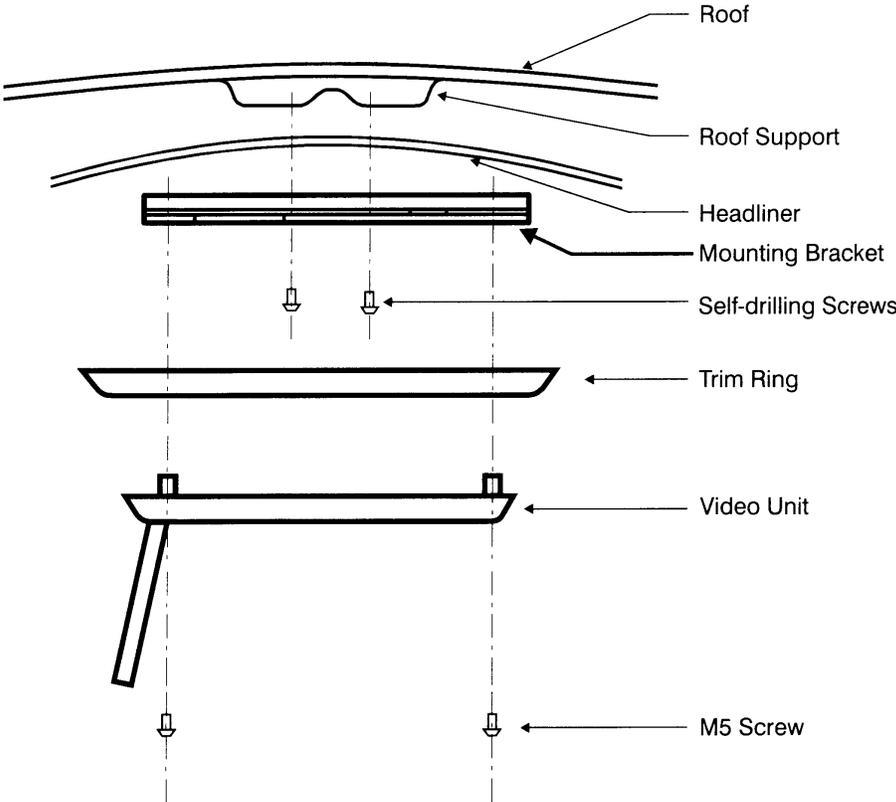
# TRIM RING INSTALLATION:

Supplied screws as below use for install Trim Ring to unit. Please refer illustration below.

- A) M3 x 8 Self Tapping Screws (6pcs)



## MOUNTING THE TRIM RING



# WIRING DIAGRAM

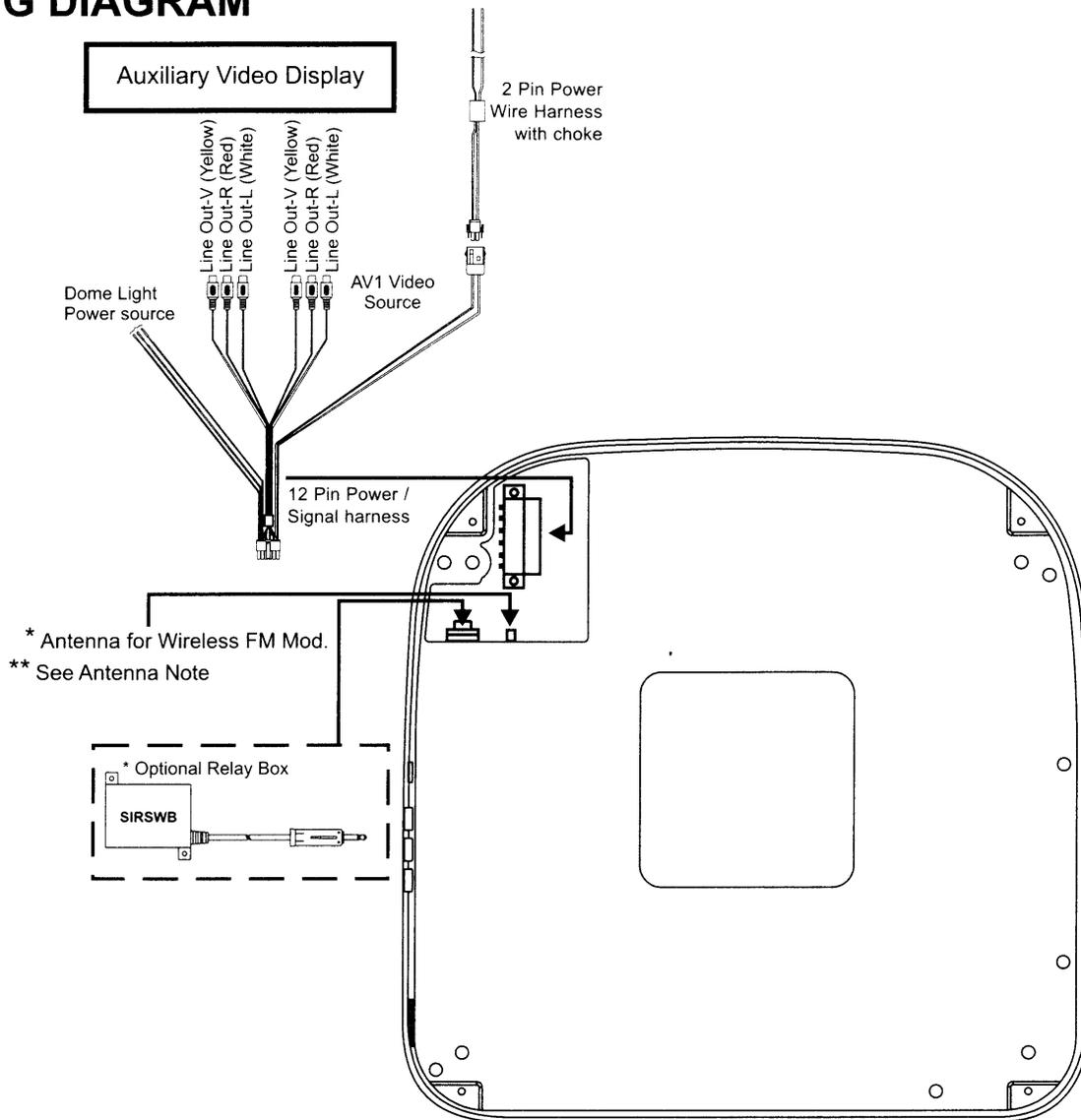


Figure A

- 1) Make the connections to the vehicle for the 12 pin wiring harness.
  - 2) Connect power harness to vehicles electrical system by tapping into an accessory hot line and a good ground.
  - 3) Connect the 12 pin harness to the mating connector on the video monitor.
  - 4) Verify all functions of the system before final mounting of the finished assembly.
- A/V Source Definitions:
1. PS2 - Built in song PS2
  2. AV1 - Supplied 12 Pin Power / Signal Harness to 3 RCA Jack Pigtail is used for AV1 input.
  3. AUX - AUX input.

**\*NOTE:** If the optional relay box is P/N SIRSWB installed, it recommended that the antenna for the FM modulator antenna wire is unplugged. See VOD10PS2 Wiring Diagram (Figure A) for antenna location.

**\*\*NOTE:** Extending the wireless antenna beyond its 12 inch length will cause the FM modulator to exceed FCC limits of wireless transmission. When installing the unit position the antenna for best reception.

## CONNECTING THE DOME LIGHTS

The dome lights in the video monitor require three connections to the vehicle's wiring. There are two common types of dome light circuits used, positive or negative switched system. Positive switched systems supply voltage to the interior lights to turn on, negative switched systems apply ground to illuminate the bulbs.

To determine which system you have to locate the wires at the dome light:

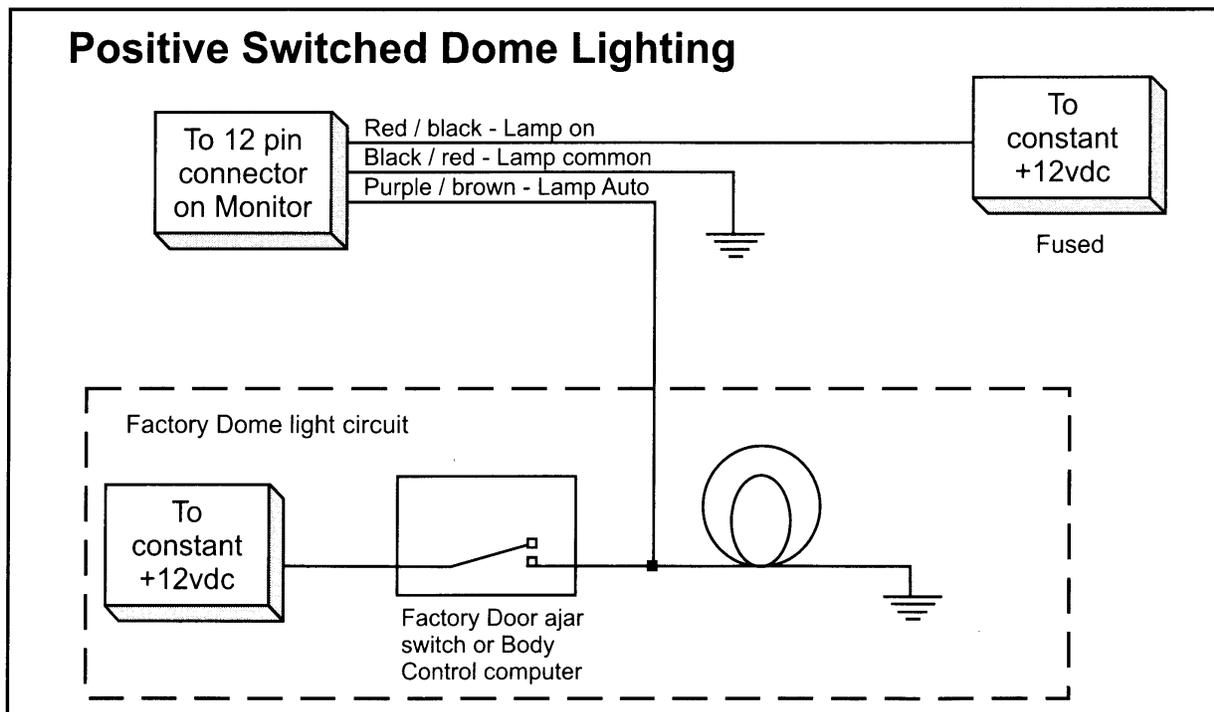
On a positive switched system, with all the doors closed and the lights out, both wires at the dome light will rest at ground. When the light is activated, one of these wires will switch to +12 vdc. This is the vehicle's switching wire.

On a negative switched system, with all the doors closed and the lights out, both wires at the dome light will rest at + 12vdc. When the light is activated, one of these wires will switch to ground. This is the vehicle's switching wire.

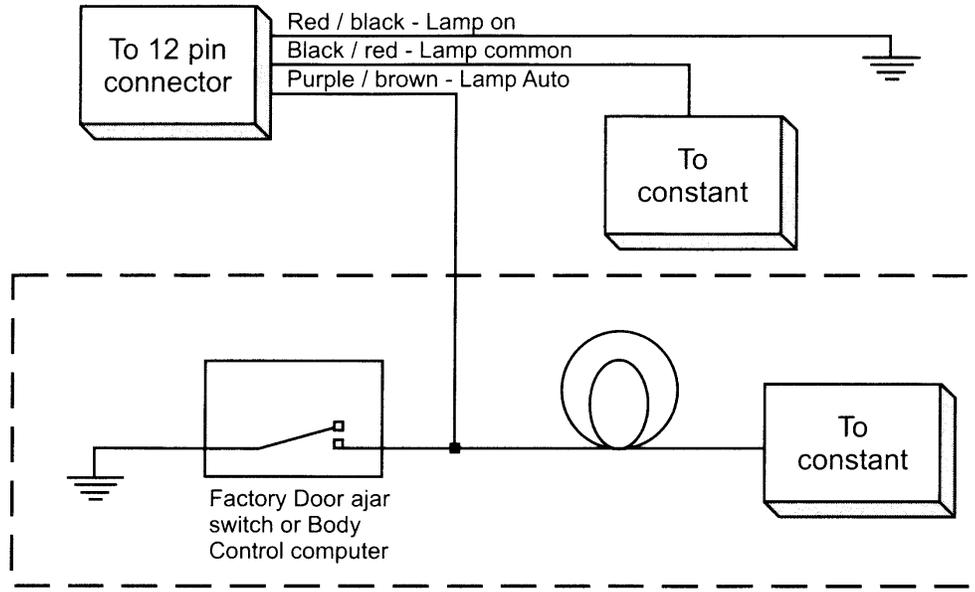
For positive systems, connect the violet / brown (Lamp auto) wire to the vehicle's switched wire. Then connect the red / black (lamp on) wire to a fused constant 12 volt source and the black / red (lamp common) wire to a good ground.

For negative systems, connect the violet / brown (Lamp auto) wire to the vehicle's switched wire. Then connect the red / black (lamp on) wire to a good ground and the black / red (lamp common) wire to fused constant 12 volt source. Negative systems are commonly found on General Motors and import vehicles.

**Note:** Some vehicles which incorporate transistorized control of the dome light circuit, such as the 1999 Dodge Caravan, may require that the violet / brown (Lamp auto) wire be connected to the door pin switch wire, as the additional current draw of the monitor's lights may not be supported by the output of the vehicles body control computer.



## Negative Switched Dome Lighting



### Troubleshooting:

**SYMPTOM:**

**No power at Video Monitor**

**REMEDY:**

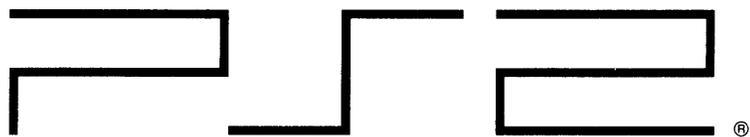
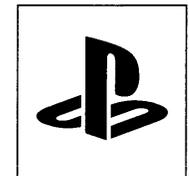
Verify +12 VDC on Red wire at 2 pin Power Harness behind video monitor. Verify ground connection with continuity test from known good ground to black wire at 2 pin Power Harness

**Power but no video or sound**

Verify that the correct source is selected (i.e.: 1,2,3 or 4). Verify that the source is on and playing a known good media (such as a videotape). Verify connections at both ends of the source component harness.



**SONY**<sup>®</sup>



**PlayStation**<sup>®</sup>2

**Quick Reference / Safety and Support**

**Aide-mémoire / Sécurité et support technique**

**Referencia rápida / Seguridad y soporte técnico**

SCPH-90001

Before using this product, carefully read the supplied documentation. Also read the User's Guide available at our Web site - <http://www.us.playstation.com/support>.

Avant d'utiliser ce produit, lisez attentivement la documentation fournie ainsi que le mode d'emploi de l'utilisateur disponible sur notre site Web à l'adresse <http://www.us.playstation.com/support>.

Antes de utilizar este producto, lea detenidamente la documentación suministrada. Asimismo, lea la guía del usuario disponible en nuestro sitio Web <http://www.us.playstation.com/support>.

3-289-799-21(1)F2

## Warning

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

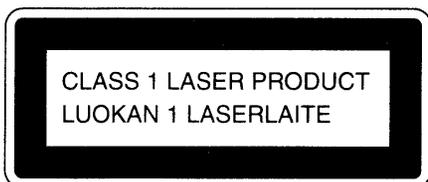
To prevent fire or shock hazard, do not place a container filled with liquids on top of the console.

To avoid electrical shock, do not disassemble. Refer servicing to qualified personnel only.

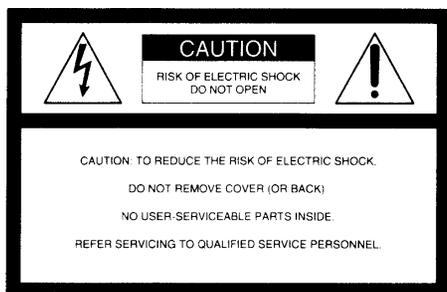
## Caution

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

The use of optical instruments with this product will increase eye hazard.



This appliance is classified as a CLASS 1 LASER product under IEC60825-1: 2001.



This graphical symbol with supplemental marking is located on the bottom surface of the PlayStation®2 console (when it is in a horizontal position).

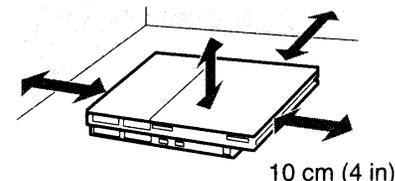


This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the console.

Place the console at least 10 cm (4 in) away from walls or surrounding objects. Placing the console close to walls or other objects can cause it to overheat.



## Software title compatibility

Some PlayStation® or PlayStation®2 format software titles may perform differently on this console than they do on previous PlayStation®2 or PlayStation® consoles, or may not perform properly on this console. For more information, visit our Web site at <http://www.us.playstation.com> or call SCEA Consumer Services at 1-800-345-7669.

## About the lithium coin memory back-up battery

The lithium coin memory back-up battery inside this product contains Perchlorate. The following statement is required by the State of California, USA: Perchlorate Material - special handling may apply, See <http://www.dtsc.ca.gov/hazardouswaste/perchlorate>

## Photosensitivity/Epilepsy/Seizures

A very small percentage of individuals may experience epileptic seizures or blackouts when exposed to certain light patterns or flashing lights. Exposure to certain patterns or backgrounds on a television screen or when playing video games may trigger epileptic seizures or blackouts in these individuals. These conditions may trigger previously undetected epileptic symptoms or seizures in persons who have no history of prior seizures or epilepsy. If you, or anyone in your family, has an epileptic condition or has had seizures of any kind, consult your physician before playing.

**IMMEDIATELY DISCONTINUE** use and consult your physician before resuming gameplay if you or your child experience any of the following health problems or symptoms:

- dizziness,
- altered vision,
- eye or muscle twitches,
- loss of awareness,
- disorientation,
- seizures, or
- any involuntary movement or convulsion.

**RESUME GAMEPLAY ONLY ON APPROVAL OF YOUR PHYSICIAN.**

## Use and handling of video games to reduce the likelihood of a seizure

- Use in a well-lit area and keep as far away as possible from the television screen.
- Avoid large screen televisions. Use the smallest television screen available.
- Avoid prolonged use of the PlayStation®2 console. Take a 15-minute break during each hour of play.
- Avoid playing when you are tired or need sleep.

## Information

### For customers in the USA

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

If you have questions about this product, call our technical support line at 1-800-345-7669, or write to:

Sony Computer Entertainment America  
Consumer Services/Technical Support  
PO Box 5888, San Mateo, CA 94402-0888 U.S.A.

#### Declaration of Conformity

Trade Name : SONY  
Model No. : SCPH-90001  
Responsible Party : Sony Electronics Inc.  
Address : 16530 Via Esprillo, San Diego, CA 92127 U.S.A.  
Telephone No. : 858-942-2230

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

## Important safety instructions

For your protection, please read these safety instructions completely before operating the PlayStation®2 console, and keep this manual for future reference.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

# Precautions

## Safety

This product has been designed with the highest concern for safety. However, any electrical device, if used improperly, has the potential for causing fire, electrical shock or personal injury. To help ensure accident-free operation, follow these guidelines:

- Observe all warnings, precautions and instructions.
- Stop use and unplug the AC power cord from the electrical outlet immediately if the device functions in an abnormal manner or produces unusual sounds or smells.
- Never connect cables other than those specified in this manual to the network connector.
- Contact SCEA Consumer Services via our Web site at <http://www.us.playstation.com> or call 1-800-345-7669 if the device does not operate properly.

## Use and handling

- When operating the unit, play in a well-lit room and keep a safe distance from the TV screen.
- Avoid prolonged use of the console. To help prevent eye strain, take a break of about 15 minutes during every hour of play.
- Stop using the console immediately if you experience any of the following symptoms. If the condition persists, consult a doctor.
  - Lightheadedness, nausea, or a sensation similar to motion sickness
  - Tired, uncomfortable or aching hands or arms
  - Tired, dry or aching eyes
- Do not use the console near water.
- Do not place the console and connected accessories on the floor or in a place where they may cause persons walking by to trip or stumble.
- Do not place the console or accessories on surfaces that are unstable, tilted or subject to vibration.
- Do not expose the console or accessories to high temperatures, high humidity or direct sunlight (use in an environment where temperatures range from 5°C to 35°C/ 41°F to 95°F).
- Do not place the console in locations of poor ventilation such as small, enclosed areas, directly against a wall or on a thick carpet or bedding.

- Do not expose the console to dust, smoke or steam. Also, do not place the console in an area subject to cigarette smoke or excessive dust. Cigarette smoke residue or dust build-up on the internal components, such as the lens, may cause the console to malfunction.
- Do not allow liquid or small particles to get into the console.
- Do not put any objects on the console.
- Do not touch or insert foreign objects into the connectors of the console or accessories.
- Do not allow dust or foreign matter to build up around the console vents. Remove the dust with a low-powered vacuum cleaner.
- Do not leave a disc in the console when moving or changing the position of the console.
- Do not touch a disc while it is spinning.
- Do not close the disc cover in a way that could pinch your hand or fingers.
- Adjust the settings of the DVD player according to the instructions provided before playing a DVD.
- Keep the console and accessories, including cable ties and fasteners, out of the reach of small children.

## AC power cord use

- Do not touch the plug of the AC power cord with wet hands.
- Do not touch the console or connected accessories during an electrical storm.
- Do not touch the console for extended periods of time while the console is turned on as extended contact may cause low-temperature burns.
- To help ensure safe operation, regularly inspect the AC power cord. If damaged, stop use immediately. Contact SCEA Consumer Services via our Web site at <http://www.us.playstation.com> or call 1-800-345-7669 for assistance.
- Do not use a power cord other than the supplied AC power cord.
- Unplug the AC power cord from the electrical outlet before cleaning or moving the console, or when you do not intend to use the console for an extended period of time. When disconnecting, grasp the power cord by the plug and pull straight out of the electrical outlet. Never pull by the cord and do not pull out at an angle.
- Do not connect the AC power cord to a voltage transformer or inverter.

## Notes on safety when using the analog controller (DUALSHOCK®2)\*

- Stop using the console immediately if you begin to feel tired or if you experience discomfort or pain in your hands or arms while operating the analog controller (DUALSHOCK®2). If the condition persists, consult a doctor.
- The vibration function of the analog controller (DUALSHOCK®2) can aggravate injuries. Do not use the vibration function if you have any ailment or injury to the bones, joints or muscles of your hands or arms. Note that some PlayStation®2 and PlayStation® format software titles set the vibration function to "On" by default. In most cases, the vibration function can be set to "Off" in the options menu of the software. If you have an ailment or an injury, do not play such titles using the analog controller (DUALSHOCK®2) unless you have set the vibration function to "Off".
- Avoid prolonged use of the analog controller (DUALSHOCK®2). Take a break at about 30-minute intervals.

\* These notes also apply to other controllers.

## Network (except Local Area Networks)

- A broadband Internet connection is required to connect to a network.
- When you connect your PlayStation®2 console to a network, the Internet service provider may charge additional usage fees. For details, refer to the information provided in your service contract or contact your Internet service provider.
- Parents are encouraged to monitor children in online gaming to ensure safe and responsible Internet usage.

## Cable compatibility

Do not connect cables or telephone cords of the following types to the network connector:

- Cables not appropriate for use with a 10Base-T/100Base-TX network
- Standard residential telephone lines
- Any ISDN (digital) compatible phone or data line
- PBX phone lines
- Other "unknown" types of telephone lines

If you connect the wrong type of cable, too much electrical current may pass through the connector, causing a malfunction, excessive heat or fire in the connector.

## Disc handling

- Do not touch the disc surface when handling a disc; hold it by the edges.
- Do not stick paper or tape onto discs and do not write on discs.
- Fingerprints, dust, dirt or scratches on the disc can distort the picture or reduce sound quality. Always handle carefully and make sure discs are clean before use.
- Do not leave discs near a heat source, in direct sunlight or in high humidity.
- Store discs in their cases when not in use.
- Clean discs using a soft cloth, lightly wiping from the center outwards. Do not use solvents such as benzene, commercially available cleaners not intended for CDs or anti-static spray intended for vinyl LPs.
- Do not use irregularly shaped discs (for example, heart- or star-shaped discs) or damaged, reshaped or repaired discs.

## Never disassemble the console or supplied accessories

Use the PlayStation®2 console and accessories according to the instructions in the product documentation. No authorization for the analysis or modification of the console, or the analysis and use of its circuit configurations, is provided. There are no user serviceable components inside the PlayStation®2 console. Disassembling the console will void the warranty. Additionally, there is a risk of exposure to laser radiation as well as to electrical shock hazards.

## When connecting the console to a plasma or projection\* TV

Do not leave a still image on the TV screen for an extended period of time, as this may leave a faint image permanently on the screen.

\* Except LCD screen types

## Note on safety when playing DVDs or CDs

If you set the volume too high, it may harm your hearing or damage the speakers. Exercise care when setting the volume.

## Moisture condensation

If the console or disc is brought directly from a cold location to a warm one, moisture may condense on the lens inside the console or on the disc. Should this occur, the console may not operate properly. In this case, remove the disc and turn off and unplug the console. Do not put the disc back in until the moisture evaporates (this may take several hours). If the console still does not operate properly, contact SCEA

Consumer Services via our Web site at <http://www.us.playstation.com> or call 1-800-345-7669 for assistance.

## **Cleaning**

- For safety reasons, before cleaning the console or connected accessories, 1) turn off the console, 2) disconnect the power plug for the console from the electrical outlet, and 3) disconnect the Ethernet cable from the console.
- When cleaning the console, use a soft, dry cloth. Do not use solvents or other chemicals or a chemically-treated dust cloth to clean the product.
- Do not touch the lens located inside the disc cover. To help protect the lens from dust, keep the disc cover closed except when inserting or removing discs.

## **Exterior protection**

To help prevent damage to the painted parts, follow the precautions below:

- Do not spill liquids such as alcohol, solvents or other chemicals on the product.
- Do not place any rubber or vinyl materials on the console exterior for an extended period of time.

### **Differences to previous PlayStation®2 models**

This version of the PlayStation®2 console may be different from previous models in compatibility with optional accessories and the method of operating game software. For full details visit our Web site at <http://www.us.playstation.com> or contact SCEA Consumer Services at 1-800-345-7669.

## About the PlayStation®2 console documentation

The PlayStation®2 console documentation includes the following:

- **Quick Reference (this document)**

This document contains information on setting up and performing basic operations on the console, as well as safety and troubleshooting information.

- **User's Guide (<http://www.us.playstation.com/Support/PS2>)**

This document (in PDF format) is accessed from a PC through the Internet and contains information on performing advanced operations on the console, technical specifications and other information.

For up-to-date information regarding the PlayStation®2 console, visit <http://www.us.playstation.com/Support/PS2>.

## Checking the package contents

If any items are missing, contact SCEA Consumer Services via our Web site at <http://www.us.playstation.com> or call 1-800-345-7669 for assistance.

- PlayStation®2 console ...1
- Analog controller (DUALSHOCK®2) ...1
- AV cable ...1
- AC power cord ...1
- Printed materials

# 1

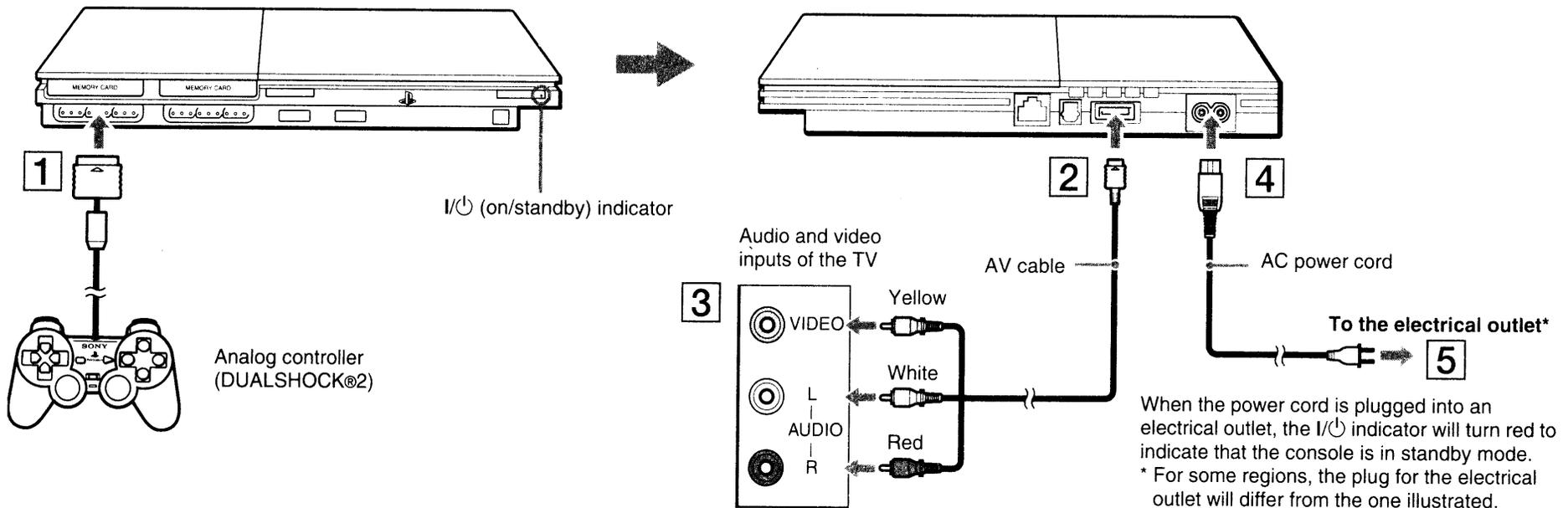
## Setting up the PlayStation®2 console

### ⚠ Warning

- Do not plug the AC power cord for the console into an electrical outlet until you have made all other connections.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.

### Before setting up

- Do not place the console in locations subject to excessive cigarette smoke or dust. Cigarette smoke residue or dust build-up on the internal components, such as the lens, may cause the console to malfunction.
- Make sure the TV is turned off before connecting the PlayStation®2 console.



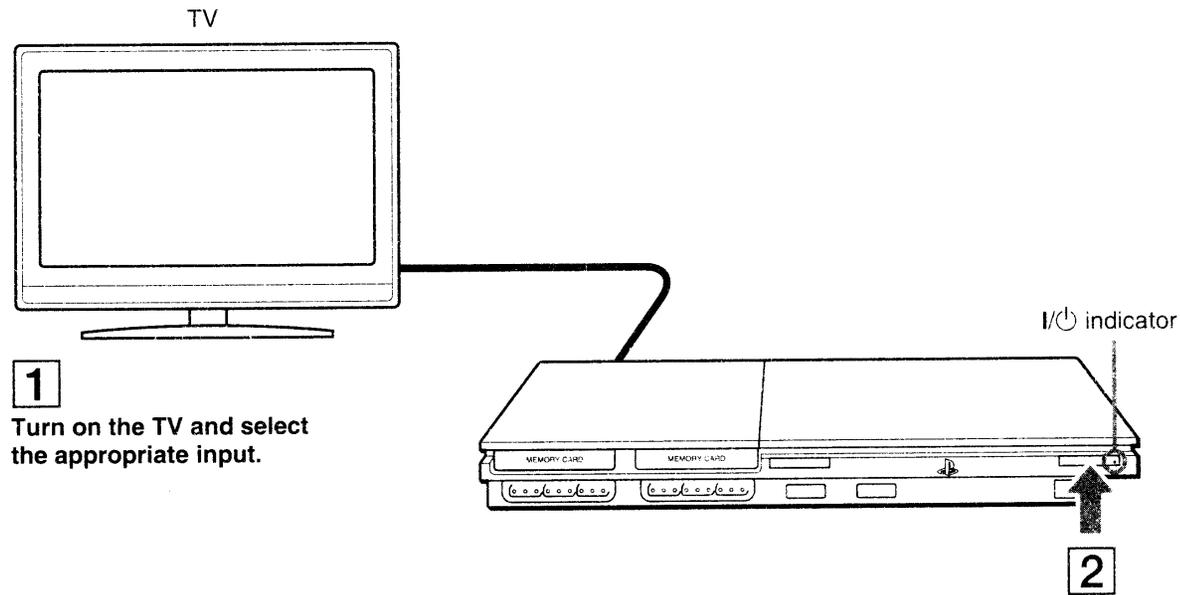
When using a cable other than the supplied AV cable, see "When using a cable other than the supplied AV cable" (→ page 15).

### Hint

You can connect various USB devices to the PlayStation®2 console, but not all are compatible. Refer to the instructions supplied with the USB device for more information.

# 2

## Turning the console on and off



**1**  
Turn on the TV and select the appropriate input.

**2**  
Press the I/O (on/standby)/RESET button. The I/O indicator will turn green. The TV will then display output from the console.

### Turning off the console

Press and hold the I/O/RESET button for at least one second. The I/O indicator will turn red to indicate that the console is in standby mode.

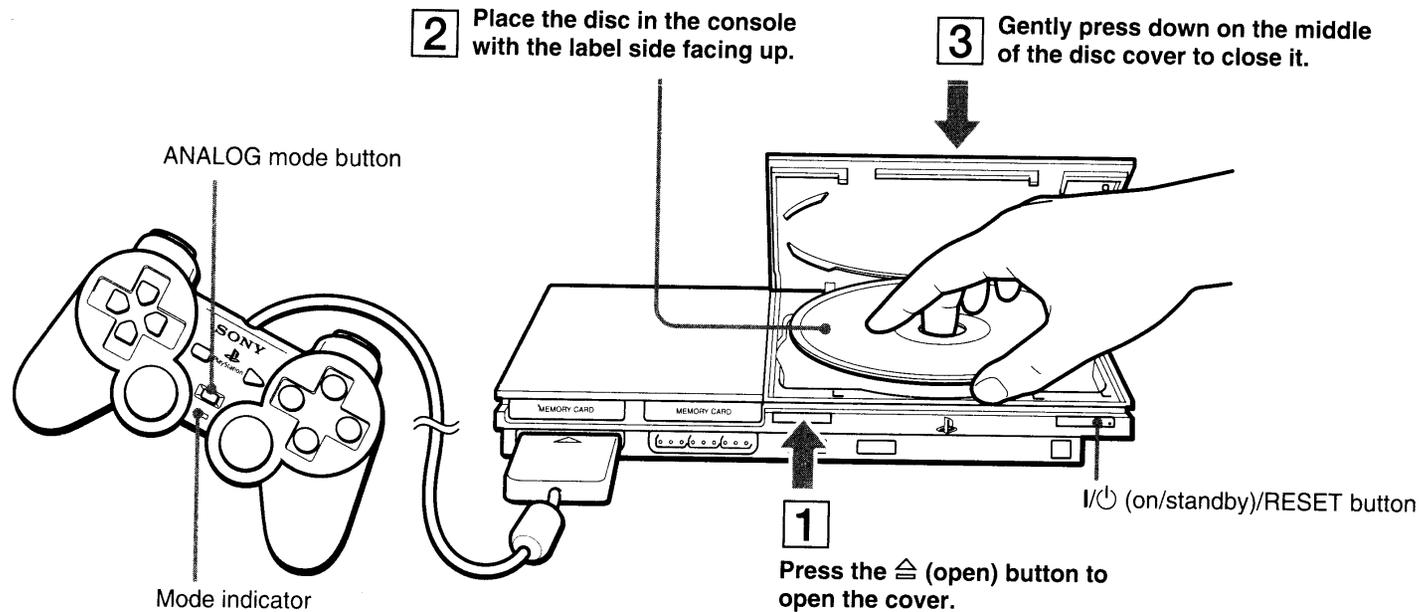
#### Hint

In standby mode, power to the console is not completely turned off. If you will not be using the console for an extended period of time, unplug the power cord from the outlet.

# 3

## Playing content

You can play games, DVD-Videos and audio CDs on the PlayStation®2 console. Insert the disc to start playback.



For instructions on playing a game, see "Playing a game" (→ page 12).

For DVDs, see "Watching a DVD" (→ page 13).

For audio CDs, refer to the User's Guide (→ page 8).

### Outputting Dolby Digital or DTS audio

Connect a digital audio device to the PlayStation®2 console using a commercially available optical digital cable (for audio).

- To output audio from DVD-Videos: From the control panel (→ page 13), set "Dolby Digital" or "DTS" to "On" under  (Setup) → "Audio Setup" → "Audio Digital Out".
- To output audio from games: The setup method varies depending on the game. For details, refer to the instructions supplied with the game.

## Playing a game

You can play PlayStation®2 and PlayStation® format software on the PlayStation®2 console.

Insert the disc to start playback.

## Resetting a game

Press the I/O/RESET button. Be careful not to accidentally press the I/O/RESET button while playing a game, as doing so will cause the game to reset.

## Ending a game

After saving game data, turn the console off, and then remove the disc.

The analog controller (DUALSHOCK®2) is equipped with pressure-sensitive buttons and sticks. This enables you to control game action with enhanced precision based on the force with which buttons are pressed or the angle at which the analog stick is tilted. It is also a force feedback controller with a vibration function.

## Switching modes

Depending on the game, you may need to set the controller to either digital or analog mode. Press the ANALOG mode button of the controller to switch to the analog mode (indicator: red). To return to digital mode, press the ANALOG mode button again. Some games make this adjustment automatically.

You can save and load game data using a memory card (sold separately). You can also delete game data or copy game data from one memory card to another.

## Memory card types

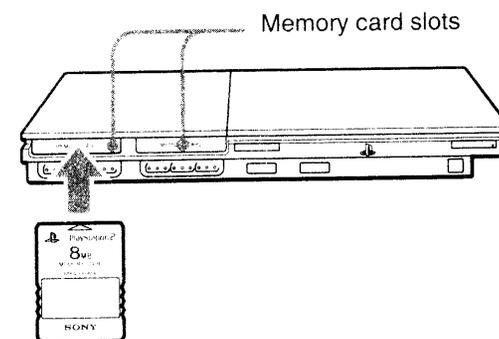
There are two types of memory cards. Select a memory card suitable for the software in use.

Memory card type	Compatible software	Amount of memory
Memory card (8MB) (for PlayStation®2) (SCPH-10020 U)	PlayStation®2 format software	Approx. 8 MB
Memory card (SCPH-1020 U)* * This product is no longer manufactured.	PlayStation® format software	15 memory blocks (approx. 120 KB)

MagicGate™ is a term of copyright-protection technology developed by Sony Corporation.

## Inserting a memory card

Insert the memory card into a memory card slot. Some games designate a specific memory card slot to use.



## Copying or deleting saved data

You can delete saved data or copy data to another memory card. Use directional buttons and the  button to select items.

- 1** With no disc inserted in the console, turn on the console, and then insert a memory card.
- 2** Select "Browser", and then select the memory card you want to copy or delete data from.
- 3** Select the icon for the data item, and then select "Copy" or "Delete".  
Follow the on-screen instructions to complete the operation.

## Playing online games

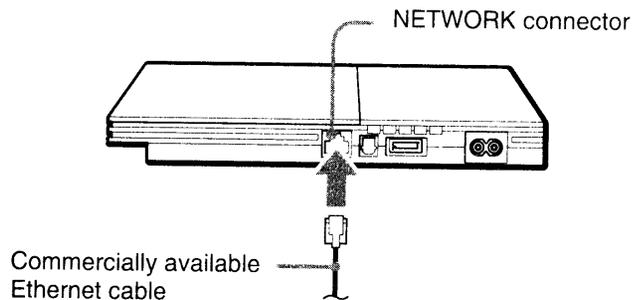
You can play online games by connecting the PlayStation®2 console to a network.

### Items you will need

- A network adaptor compatible PlayStation®2 game
- Broadband Internet service
- A commercially available Ethernet cable
- A memory card (8MB) (for PlayStation®2) (sold separately)

## Creating a network configuration

When playing online games, insert a commercially available Ethernet cable into the network connector, and then create a network configuration. Refer to the instructions supplied with the online game for creating a network configuration.

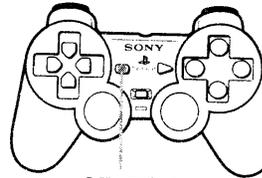


## Watching a DVD

You can play DVDs on the PlayStation®2 console.

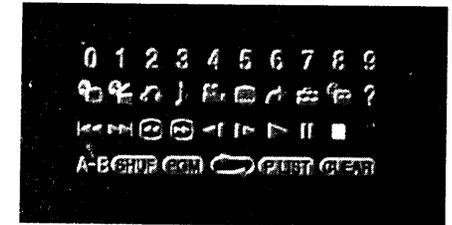
Insert the disc to start DVD playback.

Press the SELECT button.



The control panel is displayed on the screen.

Select an icon.



## Control panel items

You can select the following options in the control panel.

Icon		Function
	Menu	Displays the DVD-Video menu
	Top Menu	Displays the DVD-Video menu
	Return	Returns to the previously selected screen within the DVD's menu
	Audio Options	Displays and changes audio options on DVDs with multiple audio tracks
	Angle Options	Displays and changes viewing angles on DVDs recorded with multi-angle options

Icon		Function
	Subtitle Options	Displays and changes subtitle options on DVDs with subtitle options
	Go To	Skips to the selected title, chapter or the specified time, and starts playback
	Setup	Displays and changes options for language, picture quality, Parental Control level, audio, etc.
	Time Display	Displays the current title or chapter number, the elapsed time, etc.
	Help	Displays the direct button functions of the analog controller (DUALSHOCK®2)
<b>0~9</b>	Go to Chapter	Used to enter the number of a chapter you want to play
	Previous/Next	Returns/skips to the beginning of the current, previous or next chapter
	Search	Fast reverses/forwards playback
	Slow	Changes to playback/reverse playback in slow-motion
	Play	Starts playback
	Pause	Pauses playback
	Stop	Stops playback. Selecting  (Stop) again after playback is stopped clears resume play (playback from the last stopping point).
<b>A-B</b>	A-B Repeat	Specifies a scene for playback, and starts playback of the scene that has been set
<b>SHUF</b>	Shuffle Play	Begins playback of titles or chapters in a random order
<b>PGM</b>	Program Play	Begins playback of titles or chapters in a programmed sequence
	Repeat Play	Selects repeated playback of all the titles on the disc, or one title or one chapter

Icon		Function
<b>PLIST</b>	Original/Play List	For DVD-RW discs (VR mode), selects Original or Play List content to play
<b>CLEAR</b>	Clear	Clears selected numbers or playback modes

### Hints

- For more details on control panel items, refer to the User's Guide (▶▶ page 8).
- The DVD player can be operated using the DVD remote control (for PlayStation®2) (sold separately).
- Some control panel options cannot be selected during resume play. To select these options, cancel resume play by selecting (Stop) on the control panel and then selecting (Stop) again after playback is stopped.
- In rare instances, certain DVDs may not operate properly with the PlayStation®2 console. This is primarily due to variations in the manufacturing process or software encoding of the DVD-Video software. If you experience problems, try restarting your DVD. If problems persist, call the publisher of the DVD or contact SCEA Consumer Services via our Web site at <http://www.us.playstation.com> or contact 1-800-345-7669 for more information.

## Parental control settings

### Setting parental control restrictions

From the control panel, select  (Setup) → "Custom Setup" → "Parental Control".

Follow the on-screen instructions to register or enter the password. After the password is registered or entered, proceed through the various screens to select a region and parental control level.

#### Hints

- If you select "Other" in the region options, refer to the User's Guide (•▶ page 8) for a list of region codes.
- For the parental control level, note that the lower the value, the stricter the restriction.
- To clear the parental control setting, set the option to "Off".
- To change your password, select "Change Password" from the parental control options and follow the on-screen instructions to complete the operation.

### Temporary override of parental control restrictions

Start DVD playback. When prompted by the system, select "Yes", and then enter the password.

#### Hints

- You cannot change the parental control setting without a password.
- When DVD playback is stopped, the parental control level will return to its default setting.
- If you forget your password, see "Troubleshooting" (•▶ page 18).

## When using a cable other than the supplied AV cable

Picture quality varies depending on the type of cable used. Use the information below to determine the best connection method. If you use a cable other than the supplied AV cable, refer to the instructions supplied with the cable.

TV	Cable type
A TV with component video input connectors	Component AV cable (SCPH-10490 U)
A TV with S VIDEO inputs	S VIDEO cable (SCPH-10480 U)
A TV without video inputs	RFU adaptor (SCPH-10071)

#### Picture quality scale

High quality



■ RFU adaptor ■ AV cable (supplied) ■ S VIDEO cable ■ Component AV cable

This scale is intended only as a reference. Depending on the product or condition of your TV, the picture quality may be different.

## Compatible software

DVD	PlayStation®2 format DVD-ROM
	DVD-ROM (DVD-Video)
	DVD+R / DVD+RW
	DVD-R / DVD-RW (Video mode / VR mode)
CD	PlayStation®2 format CD-ROM
	PlayStation® format CD-ROM
	CD-DA (Audio CD)

### Notes

- Some discs may not be playable due to scratches, dust or recording problems.
- Throughout this manual, the term "DVD-Video" is used to refer to DVD-R, DVD-RW (Video mode), DVD+R and DVD+RW discs.
- The audio CD playback feature of this product 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 product.
- The DVD side of a DualDisc should play on this product but the audio side of a DualDisc may not be playable because these discs do not conform to the specifications required for an Audio Compact Disc. For further information, please visit <http://www.us.playstation.com/News/ConsumerAlerts/DualDisc.html>

### Region codes

Some discs are assigned "region codes" for each geographic sales region. This console can play discs with the following region codes.

Disc	Region code
DVD	 
PlayStation®2 format DVD-ROM PlayStation®2 format CD-ROM PlayStation® format CD-ROM	

### DVD-Videos

This console can only play discs recorded for the NTSC broadcast standard.

### DVD-R, DVD-RW, DVD+R and DVD+RW discs

- Only discs that have been finalized can be played.
- Copy-protected video from a digital broadcast recorded on Content Protection for Recordable Media (CPRM) compatible DVD-RW discs or on CPRM compatible DVD-R discs cannot be played on this console.

## Accessories

When purchasing optional accessories, be sure to purchase those that are compatible with this model of the PlayStation®2 console.

### About the DVD remote control (for PlayStation®2)

When purchasing a new DVD remote control, choose model number SCPH-10420 U which does not include the IR receiver unit (for PlayStation®2).

### About multitaps

Only the multitap (for PlayStation®2) (SCPH-70120 U) (sold separately) can be used with this console. Do not connect multitap products with other model numbers to the console as this may result in damage to the console.

## Accessories not compatible with this model

The following accessories for the PlayStation® console and the PlayStation®2 console are not compatible with this model of the PlayStation®2 console.

Model number	Product name
SCPH-20401 U	Internal hard disk drive (40GB) (for PlayStation®2)
SCPH-10281	Network adaptor (Ethernet/modem) (for PlayStation®2)
SCPH-1070 U	Multitap
SCPH-10090 U	Multitap (for PlayStation®2)
SCPH-10040 U	Vertical stand (for PlayStation®2)
SCPH-70110 U	Vertical stand (for PlayStation®2)
SCPH-10110 U	Horizontal stand (for PlayStation®2)

## Troubleshooting

Go through this section if you experience difficulty in operating the PlayStation®2 console. Should any problem persist, contact SCEA Consumer Services via our Web site at <http://www.us.playstation.com> or call 1-800-345-7669 for assistance. For additional support information, visit our Web site at <http://www.us.playstation.com/Support/PS2>.

### Check the following items first:

- Check that the console is turned on. Press the I/⏻/RESET button to turn on the console (the I/⏻ indicator will turn green).
- Check that the AC power cord is fully inserted into the electrical outlet.
- Check that the cables are correctly and securely connected.

## Picture

### There is no picture on the TV screen.

- ➔ Switch the input mode of the TV as appropriate for the input connector in use on the console.
- ➔ There may be a problem with the cable. Try using another cable that is compatible with the PlayStation®2 console.

### The picture is unstable.

- ➔ Set "Component Video Out" to "Y Cb/Pb Cr/Pr" in the System Configuration menu when connecting the console to the component AV inputs on a TV\*. Use the supplied AV cable to make the setting, and then connect to the TV using the component AV cable (sold separately).
  - \* When connecting the console to a TV that only supports RGB input, set "Component Video Out" to "RGB".
- ➔ When the console is connected to a VCR or a DVD recorder, copy protection used by some DVDs may cause the picture to become unstable, or the picture may get brighter or darker. If this happens, connect the console directly to the TV.

- ➔ If the console is connected to a TV or cable\*<sup>1</sup> that does not support progressive scan (480p), no video will be displayed when "Progressive" is set to "On" under  (Setup) → "Screen Setup" in the DVD player's control panel. In this case, with a DVD inserted, press the I/⏻/RESET button and immediately press and hold down the START button of the controller\*<sup>2</sup>. The "Progressive" setting will be cleared and video from the DVD will be displayed properly.

\*1 The component AV cable (sold separately) is compatible with progressive scan.

\*2 Connect the controller to controller port 1.

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

- ➔ If the console is connected to a widescreen TV (16:9), check the settings on the TV as they may override those for the console. Refer to the instructions supplied with your TV for details.
- ➔ Adjust the image size of the DVD to match your TV screen. Start a DVD, and then stop playback. Adjust the "TV Type" setting under  (Setup) → "Screen Setup" in the control panel.
- ➔ With some DVDs, image size cannot be changed.
- ➔ Check that the console is directly connected to the video input connector of the TV. If there is a selector or receiver (AV amplifier) connected between the console and the TV, the image size cannot be changed.
- ➔ With some TVs, image size cannot be changed.

## Sound

### There is no sound.

- ➔ Check that the TV volume is not set to "mute" and adjust the TV volume to an appropriate level.
- ➔ If the console is connected to an audio device, check the settings on the connected device. Refer to the instructions supplied with the device for details.
- ➔ There may be a problem with the cable in use. Try using another cable that is compatible with the PlayStation®2 console.
- ➔ Some PlayStation®2 format software titles do not support audio output from the DIGITAL OUT (OPTICAL) connector. When playing such software, no sound will be produced even if you connect using an optical digital cable for audio.

Connect the console to the audio device using an analog AV cable, such as the supplied AV cable.

---

**There is no sound or the sound quality from the digital audio device is poor.**

- ➔ If the console is connected to a digital audio device, you must adjust the "Digital Out (Optical)" setting. Turn on the console with no disc inserted, and in the System Configuration menu set "Digital Out (Optical)" to "On".
- ➔ When playing DTS audio, set "DTS" to "On" in  (Setup) → "Audio Setup" → "Audio Digital Out". If the connected device does not have a built-in DTS decoder, DTS audio cannot be played.

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**The surround effect is not produced when playing a DVD with a Dolby Digital audio track.**

- ➔ Check that the console is connected to an audio device with a built-in Dolby Digital decoder using an optical digital cable.
- ➔ To play Dolby Digital audio, set "Dolby Digital" to "On" in  (Setup) → "Audio Setup" → "Audio Digital Out" in the DVD player control panel.

## Operation

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**A disc cannot be played.**

- ➔ Check that the disc is of a type that can be played on the console.
- ➔ Check that the disc is clean and in good condition. If the disc is dirty, wipe it gently with a soft cloth.
- ➔ Some PlayStation® format software may not perform properly on this console. For more information, contact SCEA Consumer Services via our Web site at <http://www.us.playstation.com> or call 1-800-345-7669 for assistance.
- ➔ If the disc has a label, place the disc in the console with the label side facing up.
- ➔ If a DVD-R or DVD-RW disc is not finalized, it cannot be played.
- ➔ Copy-protected video from a digital broadcast recorded on Content Protection for Recordable Media (CPRM) compatible DVD-RW discs or on CPRM compatible DVD-R discs cannot be played on this console.
- ➔ Check that the region code of the DVD is correct for the console in use. Also check that the broadcast standard is correct.

- ➔ The parental control feature may be set on the disc. Follow the on-screen instructions and temporarily raise the parental control restriction level.

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**The controller does not function correctly.**

- ➔ If a software title is compatible only with the analog controller (DUALSHOCK®2), it will not work properly with the analog controller (DUALSHOCK®). Use a controller that is appropriate for the software title. Refer to the instructions supplied with the software for details.
- ➔ Some software specifies a specific controller port that must be used. Check that the controller is connected to the correct port. Refer to the instructions supplied with the software for details.
- ➔ There may be a problem with the controller in use. Try using another controller that is compatible with the PlayStation®2 console.

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**The response to button operations is slow.**

- ➔ The response speed of some LCD TVs and PC displays is slow. This is not a malfunction.

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**The left and right analog sticks of the controller do not operate properly.**

- ➔ When these symptoms occur, rotate the left and right analog sticks of the analog controller (DUALSHOCK®2) in a large circle to adjust the sticks to an optimal range of operation. Be sure to rotate in a circle, not twist the sticks.

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**The console does not recognize the memory card. Data cannot be saved or copied to the memory card.**

- ➔ Check that the memory card is compatible with the software in use. To save or load PlayStation®2 format software, use a memory card (8MB) (for PlayStation®2) (SCPH-10020 U). To save or load PlayStation® format software, use a memory card (SCPH-1020 U).
- ➔ You cannot copy saved data from PlayStation®2 format software to a memory card (SCPH-1020 U).
- ➔ Check that the memory card is securely inserted into the console.

- ➔ There may be a problem with the memory card in use. If you have another memory card that is compatible with the PlayStation®2 console, try switching memory cards.

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#### **Data saved on a memory card is corrupted.**

- ➔ While saving, loading, copying or deleting data, do not attempt any of the following. Doing so may cause the data to become corrupted.
  - Do not remove the memory card or the controller.
  - Do not open the disc cover.
  - Do not reset the console.
  - Do not turn off the console.

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#### **The console does not function properly.**

- ➔ Static electricity and other similar occurrences may affect the console's operation. Turn off the console and unplug it from the electrical outlet. Then plug in the console and turn it on.

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#### **The I/⏻ indicator flashes in red and the console does not work.**

- ➔ Do not use the console until the flashing stops. Placing the console in an extremely hot location or blocking the console's vents raises the internal temperature of the console, thereby preventing proper operation.

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#### **You forgot your password.**

- ➔ You can clear the password using the following procedure:
  - 1 Insert a DVD without the parental control feature.**
  - 2 In the control panel, select ■ (Stop) to stop playback, and then select ■ (Stop) again to clear resume play.**
  - 3 In the control panel, select  (Setup) → "Custom Setup" → "Parental Control" and then press the ⊗ button.**  
The screen to enter a password is displayed.
  - 4 Press the SELECT button on the controller, and then enter the number "7444" on the screen that is displayed.**  
The registered password is cleared, and the screen for registering a new password is displayed. Enter a new password.

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#### **The DVD does not function. Some DVD settings cannot be changed.**

- ➔ The playback status or settings of some DVDs are preset intentionally by the manufacturer. Because the PlayStation®2 console plays DVDs according to the settings on the disc, some functions may not be available even if you follow the procedures in this document and the User's Guide (➔ page 8).
- ➔ Some settings cannot be changed during playback or resume play. Select ■ (Stop) in the control panel to stop playback, and then select ■ (Stop) again to clear resume play.

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## **Network**

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#### **A connection to the network cannot be established.**

- ➔ Check that the network settings are correct. Refer to the information from your broadband Internet service provider and the instructions supplied with the software in use and adjust the settings accordingly.
- ➔ Check that the Ethernet cable is properly connected.
- ➔ Check that you are using the correct type of Ethernet cable (cross cable or straight cable). Refer to the instructions supplied with the network device for details.
- ➔ Check that the network device is properly connected. Also check that the settings of the network device in use are correct. Refer to the instructions supplied with the network device for details.

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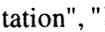
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## About copy protection

Attempted copying of DVD's played on this device may be prevented or restricted by copy protection technology contained on the DVD. Attempted recording or copying of DVD's for private use by the removal or circumvention of copy protection technology may be prohibited under applicable law.





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Content descriptors are short, standardized phrases that indicate elements in a game that may have triggered a particular rating and/or may be of interest

or concern. To fully understand what to expect from a game, parents should check both the content descriptors and the rating symbol.

Following are some of the more frequently used content descriptors on PlayStation games:

## **Animated Blood**

Cartoon or pixilated depictions of blood.

## **Blood**

Depictions of blood.

## **Blood and Gore**

Depictions of blood or the mutilation of body parts.

## **Comic Mischief**

Scenes depicting slapstick or gross vulgar humor.

## **Language**

Mild to moderate use of profanity.

## **Mild Violence**

Mild scenes depicting characters in unsafe and/or violent situations.

## **Suggestive Themes**

Mild provocative references or materials.

## **Violence**

Scenes involving aggressive conflict.

Please visit **WWW.ESRB.ORG** for a complete listing of content descriptors.

### ABOUT ENTERTAINMENT SOFTWARE RATING BOARD (ESRB)

The ESRB is a non-profit, self-regulatory body established in 1994 by the Entertainment Software Association (ESA). ESRB independently applies ratings, enforces advertising guidelines, and helps ensure responsible online privacy practices for the interactive entertainment software industry.



**ENTERTAINMENT  
SOFTWARE  
RATING BOARD**  
WWW.ESRB.ORG

# The Entertainment Software Rating Board

## A GUIDE TO VIDEO GAME RATINGS

We understand that it can be difficult to tell which games are appropriate for children just by looking at the title. In order to make informed purchase decisions, parents and other consumers should check the rating of video games. The Entertainment Software Rating Board (ESRB) independently applies and enforces ratings adopted by the entertainment software industry.

The ESRB rating system has two parts: rating symbols, which are printed on the front of each PlayStation game box, and content descriptors, which are printed on the back. Rating symbols suggest age appropriateness for the game, and content descriptors indicate elements in a game that may have triggered a particular rating and/or may be of interest or concern.

To take full advantage of the ESRB rating system, it's important to check both the rating symbol (on the front of the game box) and the content descriptors (on the back of the game box).



See reverse for more information on content descriptors.



**TITLES RATED EC (Early Childhood)** have content that may be suitable for persons ages 3 and older. Titles in this category contain no material that parents would find inappropriate.



**TITLES RATED E (Everyone)** have content that may be suitable for persons ages 6 and older. Titles in this category may contain minimal cartoon, fantasy or mild violence and/or infrequent use of mild language.



**TITLES RATED E10+ (Everyone 10 and older)** have content that may be suitable for persons ages 10 and older. Titles in this category may contain more cartoon, fantasy or mild violence, mild language, and/or minimal suggestive themes.



**TITLES RATED T (Teen)** have content that may be suitable for persons ages 13 and older. Titles in this category may contain violence, suggestive themes, crude humor, minimal blood and/or infrequent use of strong language.



**TITLES RATED M (Mature)** have content that may be suitable for persons 17 years and older. Titles in this category may contain violence, blood and gore, sexual content, and/or strong language.



**TITLES RATED AO (Adults Only)** have content that should only be played by persons 18 years and older. Titles in this category may include prolonged scenes of intense violence and/or graphic sexual content and nudity.

Adults Only or AO ratings are rare. PlayStation does not publish Adults Only games.



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