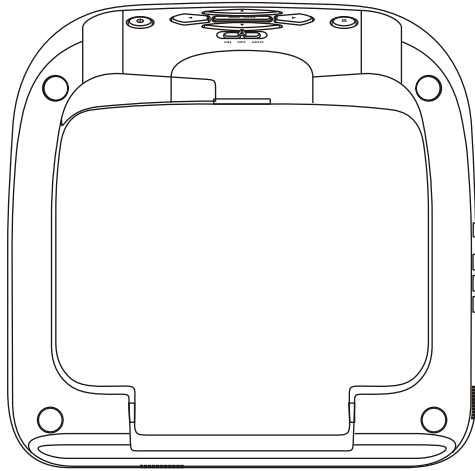


**ADV10PS2  
10.2" OVERHEAD LCD  
MONITOR WITH  
SONY PS2 PLAYER**



**///ADVENT®**

**OPERATION  
MANUAL**

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

## 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.

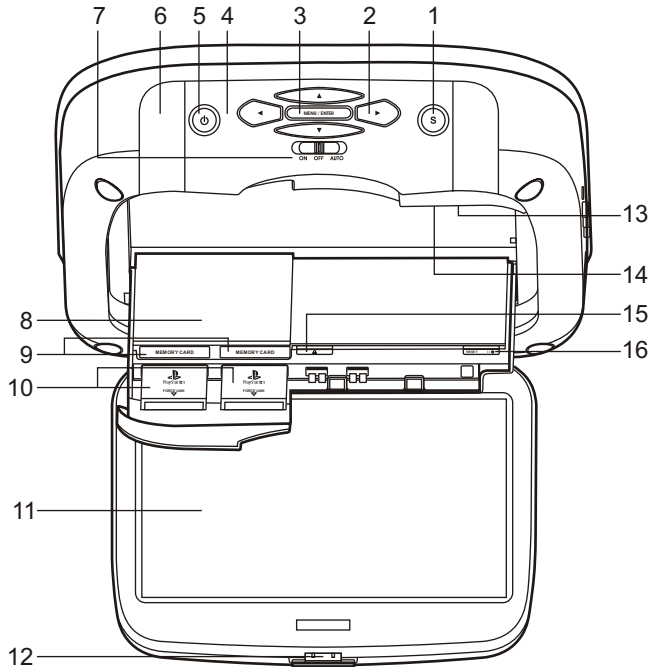
## Safety Precaution

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 PS2 Player
- OSD (On Screen Display) for Control of Picture Quality and Functions
- Single Channel Infrared Transmitter for IR Wireless Headphones
- Four Audio/Video Source Inputs (AV1, AUX, PS2).
- Dome Lights with 3-Position Switch.
- Built-in 16 Channel Frequency Wireless FM Modulator.
- Screen Mode Selection (4:3, 16:9)
- SONY PS2 Wireless Game Controller
- Full Function Remote Control
- Backlit Controls
- AV Output Via RCA Pigtail
- Playing DVD, CD and SONY PS2 Games.

## CONTROLS AND INDICATORS DIAGRAM (FRONT VIEW)



- 1. SOURCE Button (S)**  
Use to select the sources: AV1, AUX and PS2.
- 2. CURSOR Button (▲▼◀▶)**  
Use these buttons to access menu selections on the screen.
- 3. MENU/ENTER Button**  
Use these buttons to access SYSTEM MENU.
- 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.  
**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. PS2 CONSOLE**
- 9. MEMORY CARD SLOT 1 & MEMORY CARD 2**
- 10. PS2 WIRELESS FORCE 2 CONTROLLER**

**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 PS2 tray.

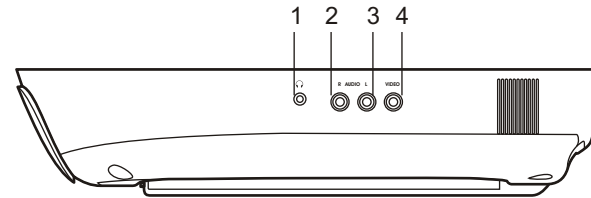
**15. OPEN (▲)**

The disc tray opens.

**16. RESET (I/O)**

ON/Standby and RESET indicator.

## CONTROL FUNCTION DESCRIPTION (SIDE VIEW)



**1. HEADPHONE JACK**

The jack is applicable for wired headphone with a 1/8" (3.5mm) plug to listen audio output.

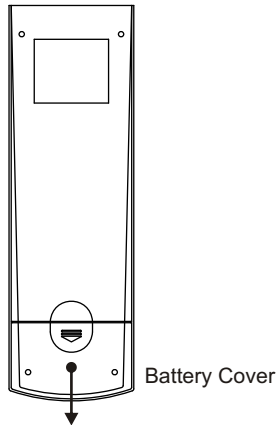
**2. Auxiliary Audio Right Input**

**3. Auxiliary Audio Left Input**

**4. Auxiliary Video Input**

## REMOTE CONTROL OPERATION

Back View



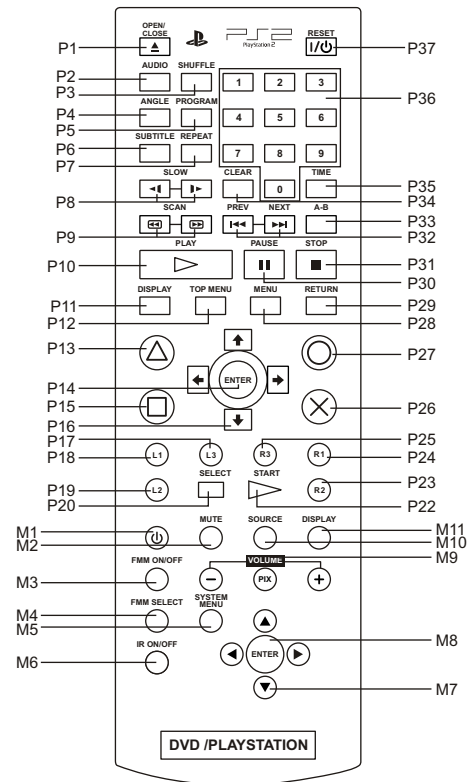
### Battery Installation

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

## MAIN FUNCTION OPERATION



- \* **P1 ~ P37:** SONY PS2 console (refer the SONY PS2 manual for detail).
- \* **M1 ~ M11:** Overhead LCD Monitor.

**P1. OPEN / CLOSE**

To open and close the disc tray.

**P2. AUDIO**

Displays and changes audio options on DVDs with multiple audio tracks.

**P3. SHUFFLE**

Begins playback of titles or chapters in a random order.

**P4. ANGLE**

Display and changes viewing angles on DVDs recorded with multi-angle options.

**P5. PROGRAM**

Begins playback of titles or chapters in a programmed sequence.

**P6. SUBTITLE**

Displays and changes subtitle options on DVDs with subtitle options.

**P7. REPEAT**

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

**P8. SLOW (◀ / ▶)**

Changes to playback/reverse playback in slow-motion.

**P9. SCAN (◀ / ▶)**

Fast reverse / forwards playback.

**P10. PLAY**

Starts playback.

**P11. DISPLAY**

Display the control panel.

**P12. TOP MENU**

Display the DVD-Video menu.

**P13.  $\Delta$  BUTTON: DVD MENU**

Select the item want to change.

**P14. ENTER**

Used to implement a selected setting or menu option.

**P15.  $\square$  BUTTON: TITLE MENU**

Select the title want to play.

**P16. DIRECTIONAL BUTTONS: CURSOR CONTROL**

Use these buttons to access menu selection on the screen.

**P17. L3 BUTTON**

Display Subtitle Options, to select the subtitle language, and turn it on or off.

**P18. L1 BUTTON**

Previous ( $\ll$ ), press to return to the previous chapter or track.

**P19. L2 BUTTON**

Search ( $\text{↔}$ ), fast reverse forwards playback.



**P20. SELECT**

Display the control panel.

**P21. START**

Play / Pause.

**P22. R2 BUTTON**

Search (⏏), forwards playback

**P23. R1 BUTTON**

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

**P24. R3 BUTTON**

Display Audio Options, press the language changes.

**P25. X BUTTON: ENTER**

**P26. O BUTTON: CANCEL / ■ (Stop)**

**P27. MENU**

Display the DVD-Video Menu.

**P28. RETURN**

Returns to the previously selected screen within the DVD's menu.

**P29. PAUSE**

Pauses playback.

**P30. STOP**

Stop playback. Selecting ■ (stop) again after playback is stopped clears resume play (playback from the last stopping point).

**P31. PREVIOUS(⏮) / NEXT (⏭)**

Return/skips to the beginning of the current, previous or 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**

Display the current title or chapter number, the elapsed time, etc.

**P35. NUMBER 0~9**

Used to the enter the number of a chapter.

**P36 STANDBY / RESET**

Turn the Power On/OFF

**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 menu.

**M6. IR ON/OFF**

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

**M7. CURSOR BUTTON (▲▼◀▶)**

Use these buttons to access menu selections on the screen.

**M8. ENTER**

Used to implement 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: AV1, AUX, PS2.

**M11. DISPLAY**

Press to display current information.

## 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.

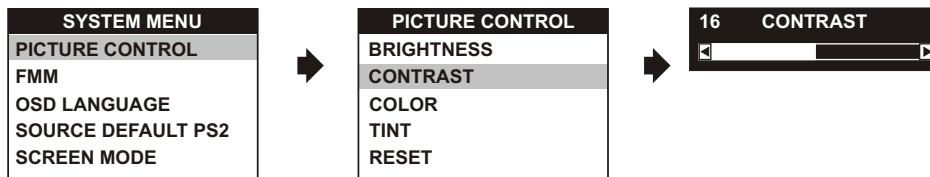
- 1) Press the MENU/ENTER button on unit to enter System Menu, the main page of the system menu will appear on screen.
- 2) Use the cursor buttons ▲ or ▼ to select the desired item in the main page and press the MENU/ENTER button to select.
- 3) The sub menu will appear on screen.
- 4) Use the cursor 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. (Items selected in the menu will have a green background)

### PICTURE CONTROL SELECT

When watching program, the picture quality can be adjusted to suit satisfactory.

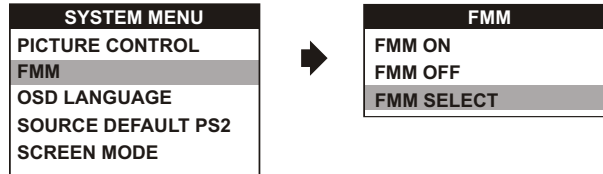
- 1) Each time this button is pressed, the on screen picture adjustment displays the “adjustment” for **BRIGHTNESS, CONTRAST, COLOR, TINT** (for NTSC only) or **RESET**.
- 2) Once the desired adjustment bar is displayed, use the Volume(+)/Volume(-)button to adjust the setting. The display will automatically turn off if no adjustment are made within 6 seconds, or is any other button is pressed.
- 3) Press the ▼button four time to select RESET, then press either Volume(-)or the Volume(+)button on the remote or the main unit and all of the picture settings (**BRIGHTNESS, CONTRAST, COLOR** and **TINT**)will return to the factory setting.



## **FMM SELECT**

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

FMM SELECT option - Selects the wireless FM Modulator Frequency (CH1 88.1MHz, CH2 88.3MHz, CH3 88.5MHz, CH4 88.7MHz, CH5 88.9MHz, CH6 89.1MHz, CH7 89.3MHz, CH8 89.5MHz, CH9 89.7MHz, CH10 89.9MHz, CH11 90.1MHz, CH12 90.3MHz, CH13 90.5MHz, CH14 90.7MHz, Ch15 90.9MHz, CH16 91.1MHz)



## **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.

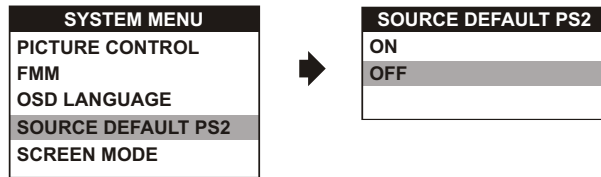


## **SOURCE DEFAULT PS2**

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

### **Note:**

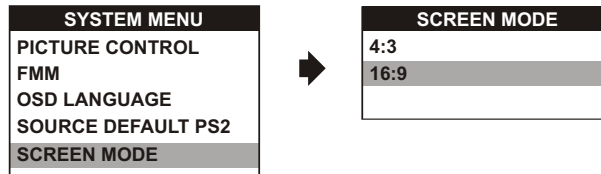
- If selected default source is set to PS2 every time the unit's power is cycled with the source set to something other than PS2, the unit will power up and automatically switch the source over to PS2.
- Unit will be set to Last Memory on as the default mode of operation.
- Selection of Source default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



## **SCREEN MODE SELECT**

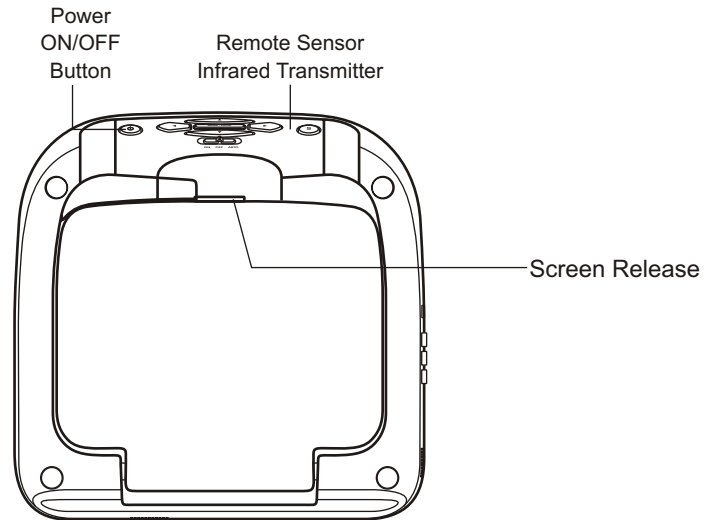
This allows the user to change the screen format (aspect ratio 4:3, 16:9).

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.



## **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:** AV1 sources are available only if pre-installed during your video product installation.

### **AUX**

The AUX 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 "AUX" is displayed on the screen.

### **PS2**

Press the units SOURCE button till the screen displays PS2.

Press (1/ψ) 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 GAME, DVDs, audio CDs.</li><li>• Both the unit and the disc are coded by region. If the regional codes don't match, the disc can't be played.</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 proper Frequency has been selected.</li><li>• Make sure that unit is using Single Channel Headphones.</li></ul>
Can't advance through a movie	<ul style="list-style-type: none"><li>• 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.</li></ul>

<b>PROBLEM</b>	<b>SOLUTION</b>
<p>⊘ Not allowed at the moment</p>	<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>
<p>Picture is distorted</p>	<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>
<p>No forward or reverse scan</p>	<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>

## REPLACEMENT PARTS

## SPECIFICATIONS

Remote Control

136-4926

LCD Backlighting

LED

Resolution

800 x 400

Pixels

960,000

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

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user ' s authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user ' s authority to operate the device.

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.







