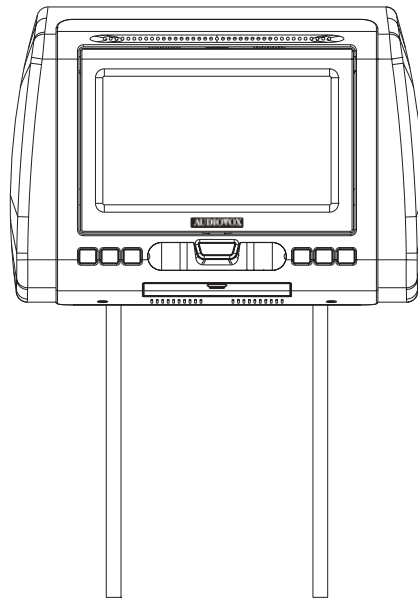


# AVXMTGHR1D

*7" LCD Monitor  
with DVD Player Build  
In for Rear Entertainment*



*Owner's Manual / Installation Guide*

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## **IMPORTANT NOTICE**

Installation of headrest products require careful planning and preparation. Be extremely careful of seats that have airbags built into them. Keep wiring away from any air bag wiring (usually identified by yellow connectors and yellow wire jackets). Damage to air bag wiring can result in personal injury to vehicle occupants. If you have any questions regarding wire routing or installation in a vehicle, please contact Audiovox Technical Support at 1-800-225-6074.

When connecting power and ground in a mobile video installation, insure 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.

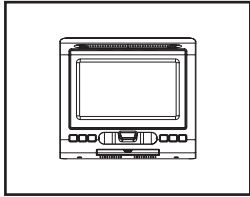
An LCD panel or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to be operator of the motor vehicle.

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

Licensed under one or more of the following patents:  
Patent NOS. 7,245,274 , 6,899,365 and 6,678,892

## **MATERIAL TO USE IN THIS PACKAGE:**

- 1) AVXMTGHR1D System Monitor (AVXMTGHR1D )  
Monitor with DVD Player



Note:  
Monitor include headrest cable.

**Note:** The AVXMTGHR1D monitor has been designed to be interchangeable from one headrest to the other. The headrests will still have the Green and Blue DIN cables on them and should be connected to their respective connectors.

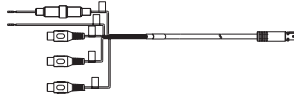


- 1) Remote Control  
(P/N 42-2S-39000G)  
-(1pcs)

- 2) AUX PIGTAIL  
(P/N 112B3227 )-(1pcs)



- 3) 8PINS (M) DIN CABLE\_RED  
WITH RCA CABLE  
(P/N 45-2Z-08200G)-(1pcs)



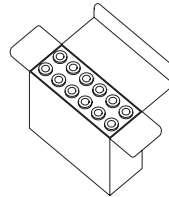
- 4) 8PIN (Male) AV OUT to RCA  
(P/N 45-2S-08230G)-(1pcs)



- 5) Heat Shrink Tube  
(P/N 31-02-10700G )-(2pcs)

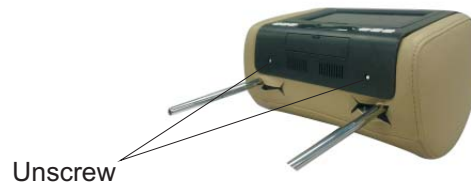


- 6) Plastic Pole  
(P/N 83-2S-0002 )-(1box)

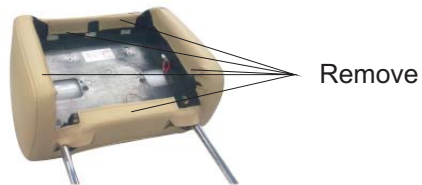


## HEADREST COVER REPLACEMENT:

1. Unscrew the two screws, and removed the screen.



2. Remove the Hearest cover.



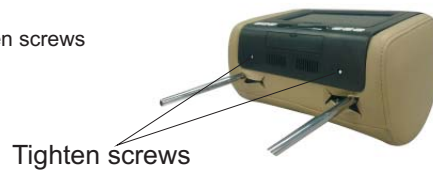
3. replace the leather with the matching color cover.



4. connected the cable, lock the monitor's buttons into position and push it in place to lock.



5. Tighten screws



## **VEHICLE PREPARATION**

- 1) Read the manuals and get familiar with the electrical requirements and connections.
- 2) Prepare the vehicle by removing any interior trim necessary to gain access to the vehicle's wiring as well as all areas where interconnecting wire harnesses will be located. (Refer to the Installation Procedure). The mounting method, and the location will vary from vehicle to vehicle, so this manual will only focus for the installation of the Monitors in the supplied configuration:
- 3) Locate an accessory power source (+12VDC present when the ignition key is in the accessory and run positions. 0VDC should be present when the ignition key is in the OFF position), and a good ground. Generally, these wires can be located at the ignition switch or fusebox.  
**(NOTE: Ensure that the switched power is fused at the source. Failure to do so may result in vehicle wiring damage.)**
- 4) Run the wiring harnesses throughout the vehicle as necessary. (Refer to the Wiring Diagrams on page 7, as well as the wiring instructions for the individual components and accessory options being installed). Be sure, that all the wiring is protected from sharp edges and is routed in such a manner that it will not be pinched, when it is fully installed. Be sure to leave enough slack in the wiring at each component to allow sufficient working room. Be sure to leave enough slack in the monitor cables to allow the headrest to move up or down, and the seat to move backward and forward.
- 5) Remove all the components from their packaging and then place them in the vehicle at their respective locations.
- 6) Install the Headrests:
  - a. Remove vehicle's original Headrests.
  - b. Hold the Headrest above the seat and insert the two cables into the headrest support tube holes. Make sure that the headrest is in the correct position (Display facing the rear).
  - c. Route the cables through the seat back and out the bottom of the seat.
  - d. Place the Headrest support tubes into the support tube holes while pulling the cables to remove the slack. Be sure to leave enough slack in the monitor cables to allow the headrest to move up or down.

- 7) Connect all the components together (electrically) and verify proper operation of all the system functions.
- 8) After verifying the proper operation of the system mount each component.
- 9) When all the components are mounted, recheck the entire system to be sure it is functioning correctly. Make sure that no wiring was pinched, or connected improperly during the final installation.

### **Wireless FM Modulator**

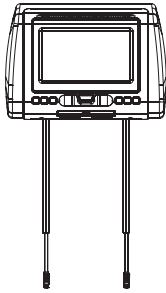
The AVXMTGHR1D is equipped with a built-in wireless FM Modulator\*, that allows you to listen to the DVD audio signal by tuning your vehicle's radio to the selected frequency, (,88.5MHz,88.9MHz,106.7MHz,107.1MHz,107.5MHz,107.9MHz). This feature is accessed by using the FM transmitter buttons on the remote (FMM ON/OFF, Channel Select).

Whenever the FM Modulator is on, broadcast reception on the vehicles radio will be poor Switching off the FM Modulator will allow normal radio reception.

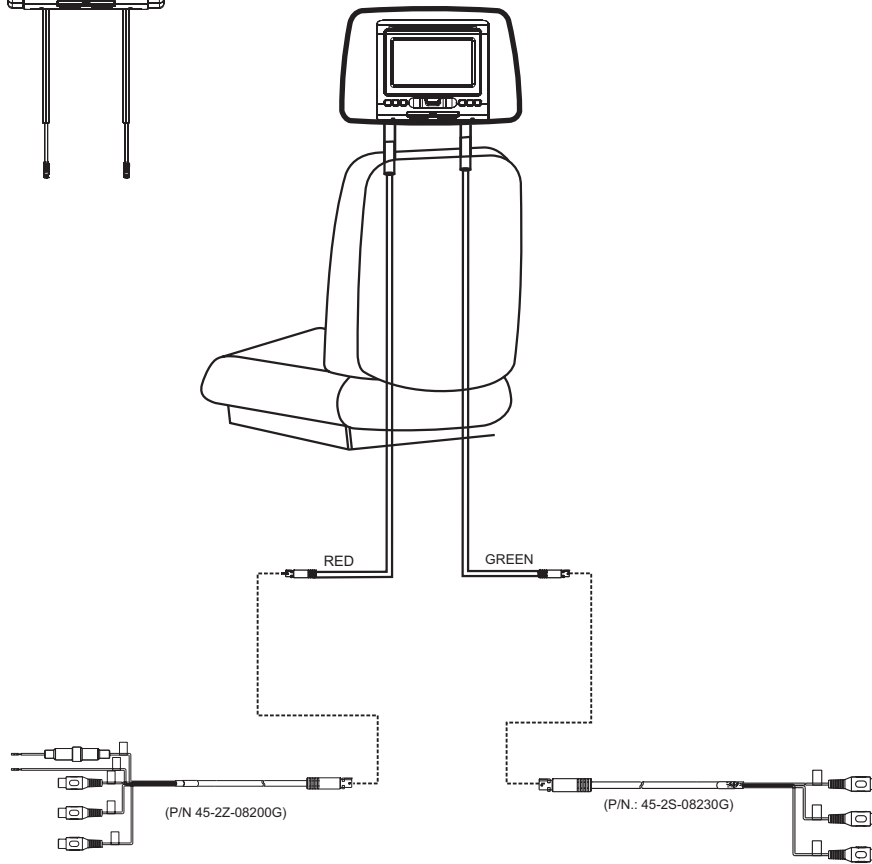
**\*Note:** In certain areas where there are a large number of FM radio stations (e.g. large cities, urban areas), the reception of the FM signal may not be satisfactory, resulting in static, distorted sound or signal bleed thru from strong local radio stations. This is not a defect in the product, but the result of a stronger local radio station overpowering the wireless FM transmitter in your Headrest monitor.

## AVXMTGHR1D WIRING DIAGRAM

Headrest Monitor



Headrest Monitor



**Note:** The headrests will still have the Red and Green DIN cables on them and should be connected to their respective connectors.



## **FEATURES**

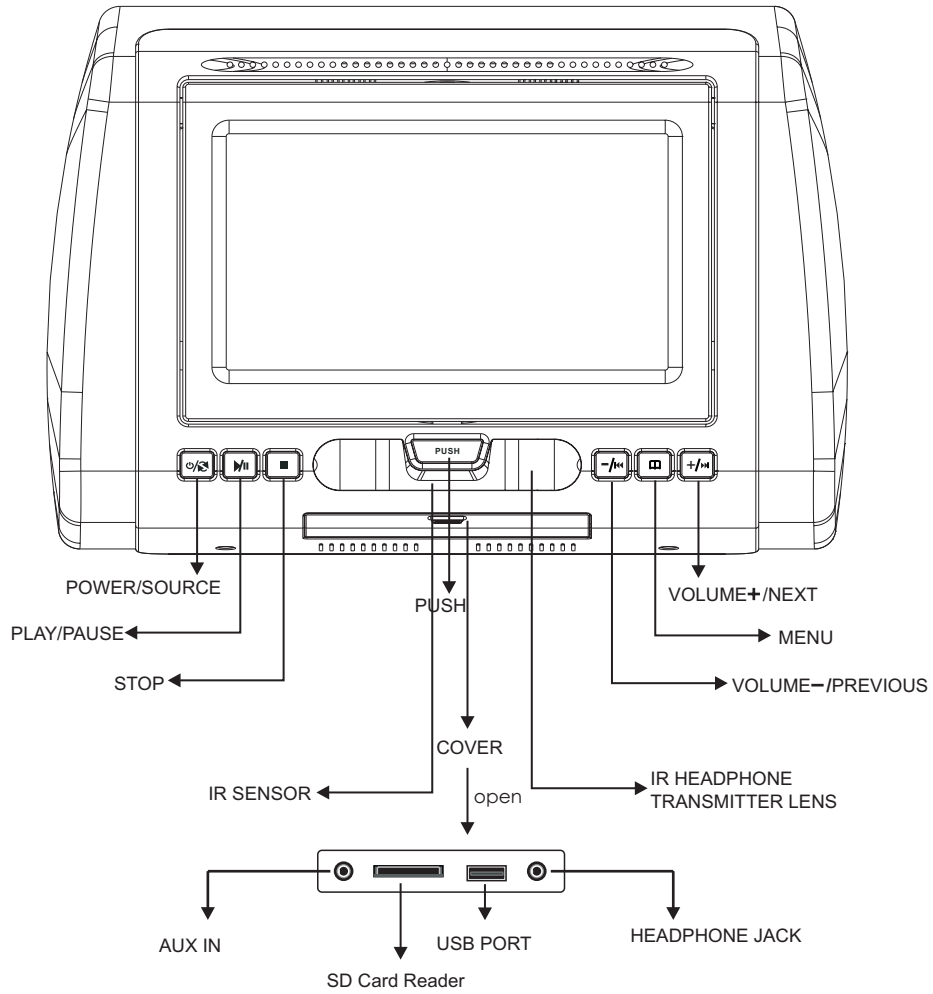
- 7" Digital TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor
- Built-in DVD Player
- OSD (On Screen Display) for control of picture quality and functions
- Three Audio / Video Source inputs (DVD/USB/SD CARD, AV and AUX).
- Last position memory for DVD
- Screen mode selection (4:3, 16:9)
- Full function remote control
- Playing DVD, CD and MP3 disc
- USB 2.0 port / SD Card Reader
- IR headphone (optional)

## **SPECIFICATIONS**

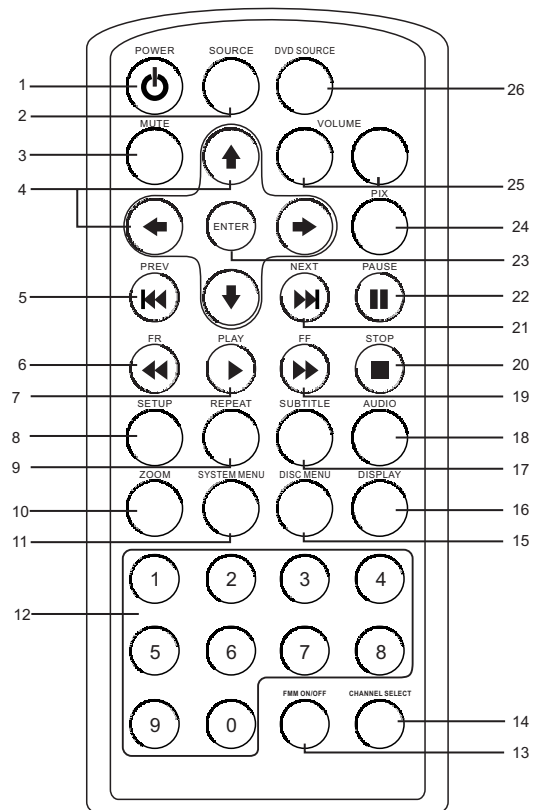
Type	TFT Active Martix LCD
Resolution	480x234
Pixels	336,960
Operation Temperature	32 ~113° F (0 ~ 45° C)
Storage Temperature	-4 ~ 149° F (-20 ~ 65° C)
Backlit life	20,000 Hours
Video Display System	NTSC / PAL
Headphone Audio Output	0.03W @ 32 ohms
Video Output	1.0Vp-p @ 75 ohms
Power Source	10V~16V DC
Dimension (L x W x H)	147mm x 275mm x 200mm

Specifications subject to change without notice.

**CONTROLS AND INDICATORS DIAGRAM (FRONT VIEW)**




## REMOTE CONTROL OPERATION



- |                  |                               |
|------------------|-------------------------------|
| 1. POWER         | 14. FMM CHANNEL SELECT        |
| 2. SOURCE        | 15. DISC MENU                 |
| 3. MUTE          | 16. DISPLAY                   |
| 4. CURSOR (▲▼◀▶) | 17. SUBTITLE                  |
| 5. PREVIOUS      | 18. AUDIO                     |
| 6. FR            | 19. FF                        |
| 7. PLAY          | 20. STOP                      |
| 8. SETUP         | 21. NEXT                      |
| 9. REPEAT        | 22. PAUSE                     |
| 10. ZOOM         | 23. ENTER                     |
| 11. SYSTEM MENU  | 24. PIX ( Picture Select )    |
| 12. NUMBERS      | 25. VOLUME DOWN (-) or UP (+) |
| 13. FMM ON/OFF   | 26. ZDVD Source               |

## **MENU ADJUSTMENT**

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

- 1) Press the “

## **MENU DISPLAY**



## **SETTINGS AND ADJUSTMENTS**

The Setup Menu contains features and options that let you customize your DVD player. For example, you can set a language for the on-screen display or prevent DVD playback for children.

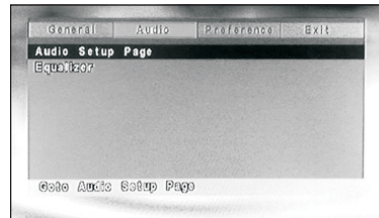
### **Using the Setup Menu**

1. Press the SETUP button on the remote. The Setup Menu appears on the screen as shown per diagram. There are 5 options on the top part of the Setup Menu. Each option represents a page.
2. To set the desired option, move the highlight into the setup area using the cursor button ►.
3. After entering the setup area, highlight the desired option using the cursor button ▲ or ▼.
4. Press ► to open the sub menu that contains the different options available. Press ▲ or ▼ to highlight the desired option, and press ENTER to confirm the selection.
5. Repeat steps 3~4 to set the options that reside on the same Setup Page.
6. To change to another Setup page, press ◀ to position the highlight back on the icon side of the setup page. Then, repeat steps 2~5.

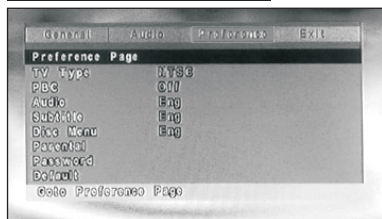
### **GENERAL PAGE**



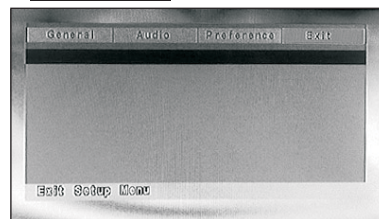
### **AUDIO SETUP PAGE**



### **PREFERENCE PAGE**



### **EXIT PAGE**



### Selecting Folders and Songs

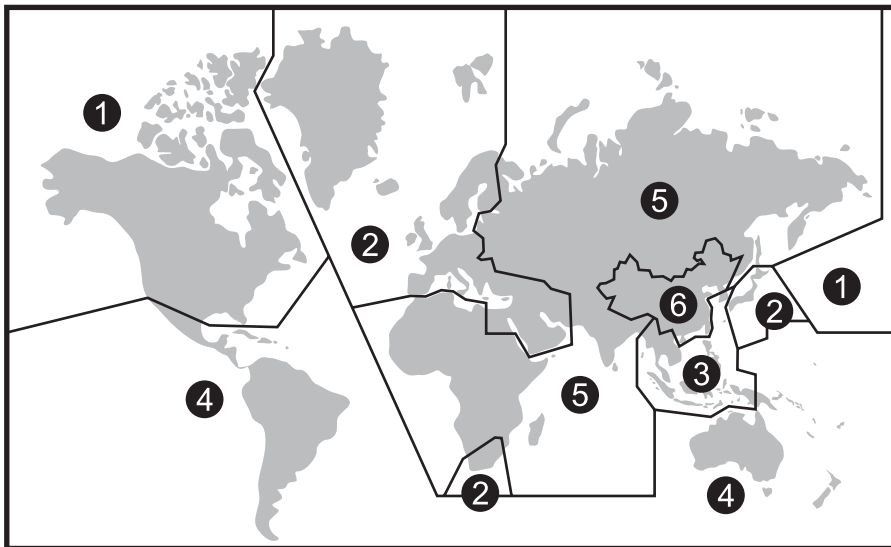
When an MP3 is loaded in the player, the navigation menu appears automatically.

1. Press ▲ or ▼ to move the highlight to the desired folder and press ENTER to display the songs in the folder.
2. Press ▲ or ▼ to move the highlight to the desired folder and press ENTER to begin playback of the highlighted song.

### Selecting a Play Mode

You can choose what order the songs will play on a disc temporarily. The default play mode is FOLDER. Press REPEAT consecutively to choose the desired play mode. The play mode options are :

- Repeat One Repeat the song that is playing.
- Repeat All Repeat the disc that is playing.
- Repeat Off Turn off repeat function.



Region 1- USA, Canada

Region 2- Japan, Europe, South Africa, Middle East, Greenland

Region 3- S. Korea, Taiwan, Hong Kong, Parts of South East Asia

Region 4- Australia, New Zealand, Latin America (including Mexico)

Region 5- Eastern Europe, Russia, India, Africa

Region 6- China

## 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 upwards.</li> <li>• Check the type of disc you put into disc tray. This DVD only plays DVD, audio CD and Mp3.</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>• If you are using the 2-channel IR headphones, make sure you turn on the IR headphone power, make sure the correct channel (A-B) is selected.</li> <li>• Make sure the Modulator is ON and the proper Frequency has been selected. Make sure that unit is set to M1 when 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>
⊘ 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 requested a 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>

