

AVA ENTERPRISES, INC. 3451 LUNAR COURT, OXNARD CA 93030

USER'S MANUAL

**Universal Headrests
with
Pre-installed
9.2" Widescreen
TFT Monitors**

Troubleshooting

If you experience operation or performance problems with this product, compare your installation with the electrical wiring diagram on the previous page. If problems persist, read the following troubleshooting tips which may help eliminate the problems.

SYMPTOM	CAUSE	REMEDY
No picture or sound.	Power cord is not properly connected.	<i>Check that power connections are properly made and all fuses are in functioning condition.</i>
	Video input cables not properly connected.	<i>Check all cables.</i>
No picture.	Video input source is not operating properly.	<i>Replace or repair video source (DVD player, video game, etc.)</i>
	Video signal not present.	<i>Check all cables. If necessary, repair or replace video source.</i>
	Contrast and/or brightness is set improperly.	<i>Adjust contrast and brightness levels to see if picture appears.</i>

Specifications

MODEL	Universal Headrests with Pre-installed 9.2" TFT Monitors
VIDEO SYSTEM	
Screen size	9.2"
LCD panel type	Widescreen Active Matrix TFT
Compatibility	NTSC/PAL
Resolution, pixels	1152 x 234 (widescreen)
Brightness	450 NITS
Video inputs	One RCA video input
GENERAL	
Power requirements	12V DC
Power consumption	6W
Dimensions	Monitor face: 9.6" x 6.9.2" Headrest cushion: 8.2"H x 11.2"W x 5.3"D

All specifications subject to change without notice.

USER'S MANUAL

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Universal Headrests with Pre-installed 9.2" TFT Monitors

Congratulations on your purchase of a this video monitor system.

It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of viewing pleasure.

General precautions

Please read this manual completely and carefully prior to attempting to install your new mobile video equipment. Installed correctly, this equipment will provide you with years of enjoyable and safe usage.

Installation of this equipment in any portion of a vehicle which impairs or distracts the driver is improper and dangerous. The manufacturer assumes no liability whatsoever for failure to follow the proper installation of this product.

Please keep this manual in a safe place for future reference.

Safety precautions

- Do not operate this equipment while driving – safe driving should always be your highest priority.
- Do not install this product in a location which allows the monitor screen to be visible to the driver of the vehicle. In some states and countries, the viewing of images on a screen inside a vehicle is illegal, even by people other than the driver. Be sure that the installation and operation of this system is in compliance with local rules and regulations.
- Do not open or attempt to repair this unit yourself. Dangerous high voltages are present which may result in electric shock. Refer any repairs to a qualified service technician.
- Do not attempt to repair a damaged, broken or faulty power cord. Replace it with a new one immediately.

- To avoid risk of electronic shock or damage to the monitor, do not permit any of this equipment to become damp or wet from water or drinks. If this does occur, immediately unplug the power cord and send the monitor to your local dealer or service center as soon as possible.

- If there is smoke or any peculiar odor present during use or if there is damage to any of the component enclosures, immediately unplug the power cord and send the monitor to your local dealer or service center as soon as possible.

SHOCK HAZARD! Do not open the case of this product. There are dangerous voltages present within the unit. There are no user-serviceable parts within the unit.

On-screen (OSD) menu system

This monitor incorporates an on-screen menu display systems which permits you to setup the monitor for a wide variety of installations and applications.

Enter the OSD menu system by pressing the MENU BUTTON on the front of the monitor or on the remote control. The monitor will display a menu with the following functions, which you can adjust individually:

BRIGHTNESS: Makes the image more or less bright

CONTRAST: Increases or decreases the image intensity

COLOR: Makes the colors more or less saturated

TINT: Permits you to shift the color range, making it greener or redder.

Note: Tint adjustment only available when monitor is in NTSC mode.

RESET: Returns all settings to factor values

EXIT: Allows you to exit the OSD system.

The basic navigation method for this menu system is to:

1 - Press the MENU button to enter the OSD system.

2 - Press MENU to move to the desired setting you wish to adjust.

3 - Use the left and right arrows to change the setting.

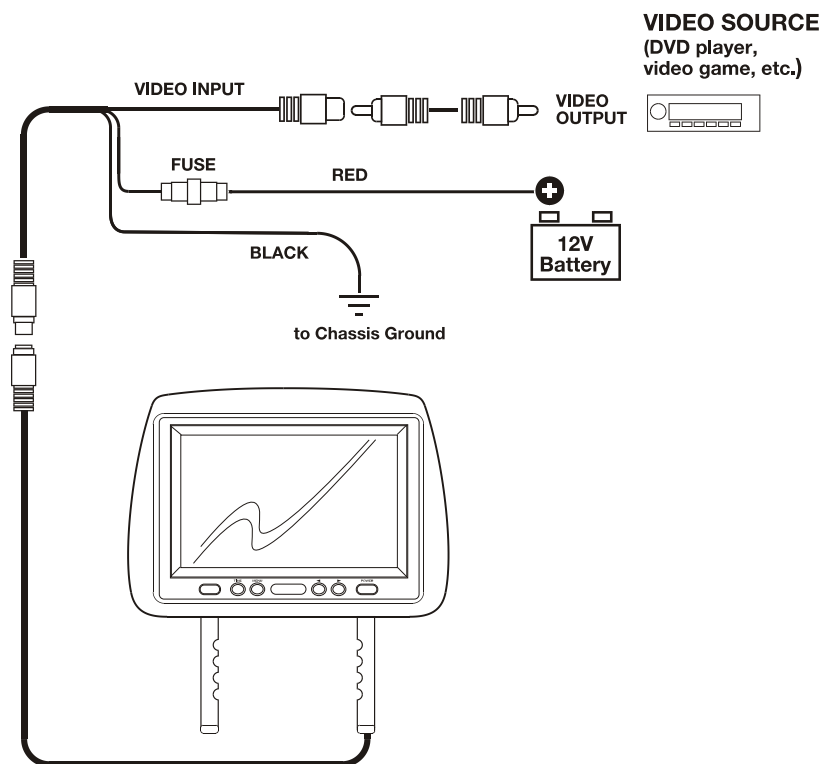
4 - Press MENU to confirm the setting and move to other settings you wish to change.

To exit the OSD system press the MENU button until you have highlighted EXIT and press MENU again, OR press the UP or DOWN arrow on the remote.

System wiring

On a towel or soft cloth, gently place the monitor assembly “face down” on a stable work surface.

Using the wires provided, complete the audio, video and power connections in your vehicle as shown in the diagram below.



Installation precautions

Choose a mounting location in your vehicle where the unit will not distract or otherwise interfere with the driver's ability to control the vehicle.

Do not install components in areas which are susceptible to rain, moisture, direct sunlight, extreme heat or cold, excessive dust, dirt or humidity.

If installation requires drilling holes or other modifications to the vehicle, consult with your nearest dealer or professional car audio installer.

Use only the installation parts and hardware provided with the unit to ensure proper installation. Using other parts can cause malfunction and possible damage to your new video monitor.

Use only a power source with 12 Volts DC (negative ground).

Before final installation, temporarily connect the wiring according to the diagram near the end of this manual, check it to ensure that it has been connected properly, and test the unit to make sure it is working correctly.

After the monitor is installed, do not arbitrarily pull it down or strike it.

Operating precautions

Turn the unit off when it is not in use.

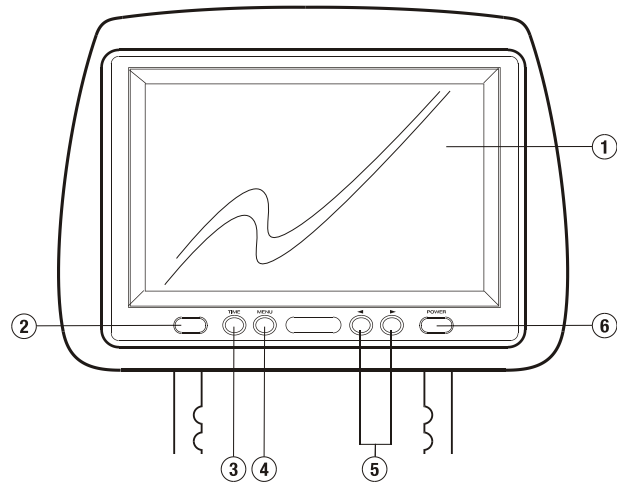
Do not place objects on or suspend objects from the power cord, as this may damage the cord.

What is included?

When first unpacking your new video monitor, please check first that the package contains all of the items below. If something is missing, contact the store where you purchased the player.

- One pair of universal headrests with built-in 9.2-inch TFT video monitors
- One remote control
- On pair of adapter tubes (needed when replacing headrests with large diameter posts)
- Two video/power interface cables with inline fuse

Monitor Controls and Features



- ① **LCD DISPLAY**
- ② **IR REMOTE CONTROL SENSOR**
- ③ **TIMER**
Press this button to select the auto-shutoff timer to the monitor.
- ④ **MENU**
Press this button to enter the OSD (On-Screen Display) menu system for changing video display options.
- ⑤ **UP/DOWN BUTTONS**
Use these buttons for changing settings within the OSD (On-Screen Display) menu system
- ⑥ **POWER ON/OFF**

Installing the monitor

Remove the existing headrest from the seat.

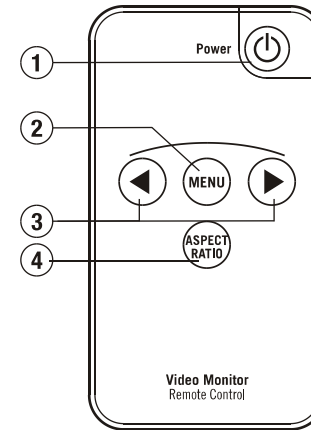
Adjust the spacing of the posts of your new headrest monitor to match those of the holes in the seatback. To do so, grasp one post in each hand, and push one forward and one back while pull them apart (to increase the distance) or push them together (to reduce the distance).

Compare the outside diameter of the new headrest posts with the holes in the seatback. If the holes in the seatback are significantly larger than the new headrest posts, you may need to use the adapter tubes (included). These tubes are approximately 12mm in diameter. If needed, slide an adapter tube onto each of the headrest posts.

Insert the cable into the proper hole in the seatback and feed the cable down into the seatback and out the bottom (if you are unable to do this properly, see a professional mobile video installer).

Insert the headrest posts into the seatback and pull the cables from below the seat to take up the slack. Run them to the location of the video source unit (such as a DVD player) and connect the wires as shown in the System Wiring diagram.

Remote Control Features



- ① **POWER**
Press to turn the monitor ON or OFF.
- ② **MENU**
Press this button to scroll through Brightness > Contrast > Color > Tint (TNT only available for NTSC). If you want to adjust any of them, use the INCREASE/DECREASE BUTTONS (item 3 below)
- ③ **INCREASE/DECREASE BUTTONS**
These buttons are used to increase or decrease parameters in the on-screen display menu system.
- ④ **ASPECT RATIO**
Press this to switch the display mode from 4:3 to 16:9 (widescreen)

Changing the battery in the remote control

The remote battery is held in a small "drawer" on one edge of the remote. To open this drawer, press and hold the small button on the edge of this drawer (as shown below) and slide the drawer out.

Insert a new battery and push the drawer back fully into the remote.

