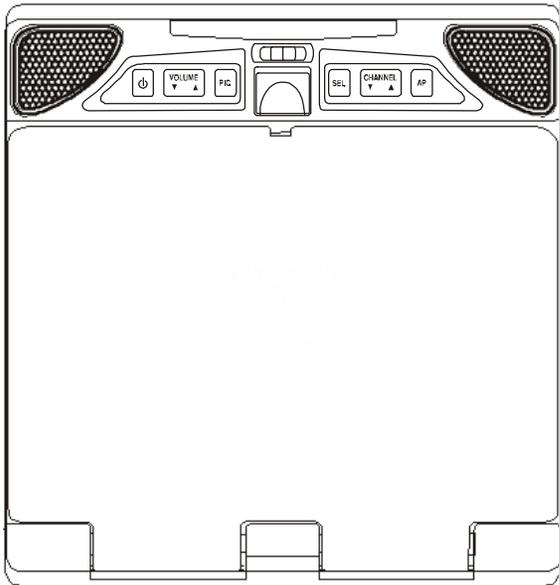


AUDIOVOX®
ELECTRONICS CORP.



VOH802 DL
8" LCD
OVERHEAD
TV/MONITOR

Mobile
VIDEO

OWNER'S
MANUAL

IMPORTANT NOTICE

It is unlawful in most jurisdictions for a person to drive a motor vehicle which is equipped with a television viewer or screen that is located in the motor vehicle at any point forward of the back of the driver's seat, or that is visible, directly or indirectly, to the driver while operating the vehicle. In the interest of safety, the VOH802 DL should never be installed where it will be visible, directly or indirectly, by the operator of the motor vehicle.

TELEVISION RECEPTION

This entertainment system is designed primarily for viewing pre-recorded movies or playing video games. Television reception in a moving vehicle will be limited and in some areas will not be possible due to weak and variable signal strength. Television viewing in a stationary vehicle will result in an improvement, but may still be marginal due to strength. The quality of the picture will not be consistent with home TV reception. Reception may be affected by the weather and distance from the TV station. A weak signal may cause the picture to roll, be snowy, or cause some color loss.

FEATURES

Congratulations on your purchase of the Audiovox VOH802 DL drop down TV/Video Monitor. The VOH802 DL 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 and to ensure that you obtain the best results from your equipment. **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.

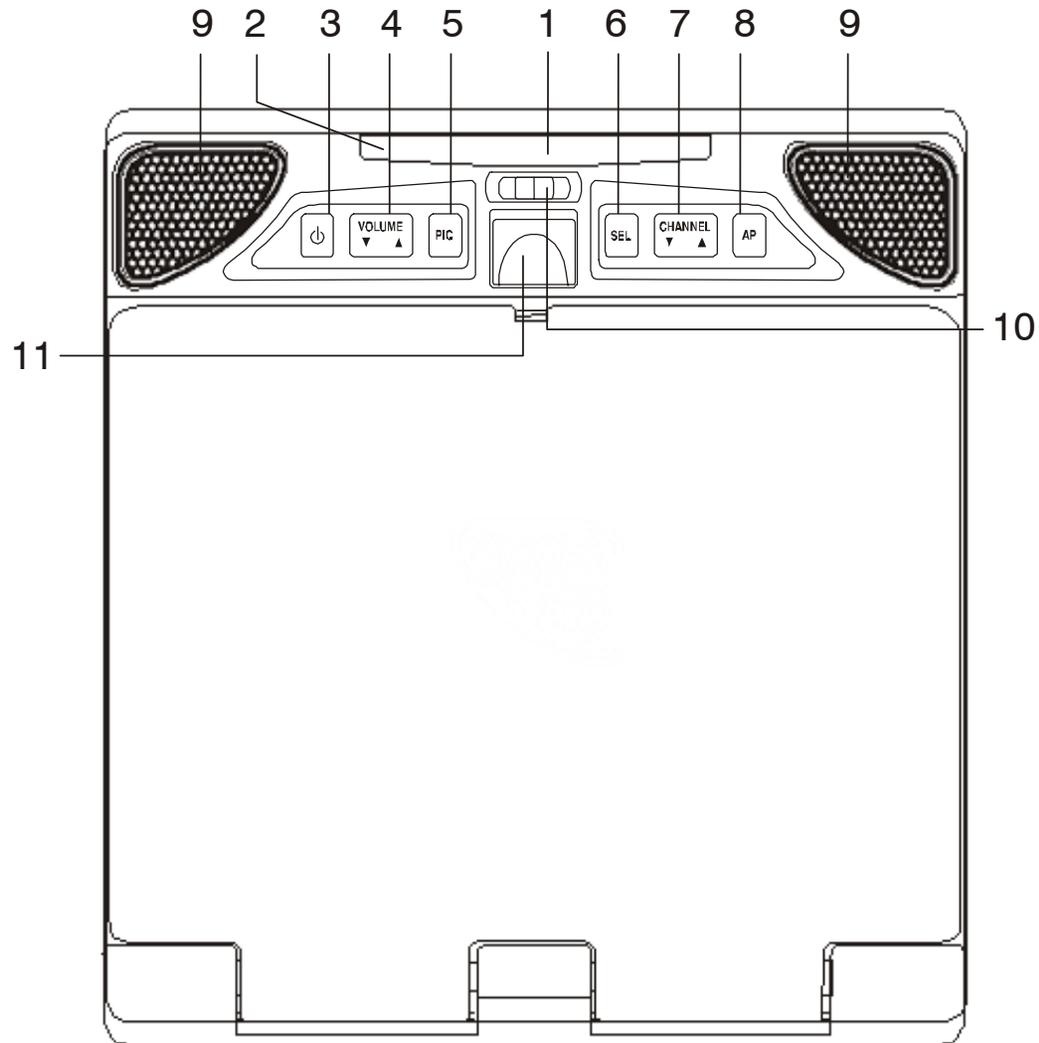
SAFETY PRECAUTION

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 adjustments to the system. System adjustments can be accomplished using the Remote Control while seat belts remain fastened. Enjoy your Audiovox entertainment system but remember safety of all passengers remains the number one priority.

- 8" TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor
- OSD (On Screen Display) For Control Of Picture Quality And Functions
- Full Function Remote Control
- Television Tuner
- Remote Sensor Eye
- Three Audio / Video Sources
- Speaker Amplifier
- Back-Lit Controls For Low Light Operation
- Inferred Wireless RF Headphone Transmitter
- Dual Dome Light
- Optional Jack for RF Transmitter (for the Wireless RF Headphones)

FRONT PANEL FEATURE

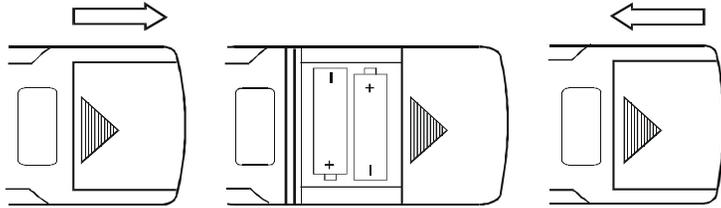
Figure 1



FRONT PANEL FEATURES – See Figure 1

1. **SENSOR EYE** – Allows the remote control to operate the VOH802 DL's OSD system (On Screen Display), volume to Wired Headphone Jacks (and optional external speakers), and for control of Video Media Player and other accessories.
2. **INFRARED TRANSMITTER** – Used to transmit audio to Wireless Headphones.
3. **POWER BUTTON** – (Bright red when system is ON, dim when system is OFF).
4. **PIX AND VOLUME UP/DOWN** – Controls Volume to Headphone Jacks and external Speakers if connected. Also, used to adjust the picture control setting when “contrast”, “bright”, “color” or “tint” is displayed on the screen.
5. **PICTURE SELECT** – Each time this button is pressed, the screen picture adjustment display cycles through “adjustment bars” for CONTRAST, BRIGHTNESS, COLOR, and TINT. Once the desired adjustment bar is displayed, use the VOLUME UP/DOWN buttons to adjust the setting. The display will automatically turn off if no adjustments are made within 6 seconds. or if any other button is depressed.
6. **SELECT** – Used to select one of the Three A/V sources.
7. **CHANNEL UP/DOWN** – Changes the TV channel.
8. **AUTO PROGRAM SWITCH (AP)** – Auto Program used to program local channels into TV memory. Press when vehicle is in a new location.
9. **DOMELIGHTS** – Provide additional illumination.
10. **THREE POSITION DOME LIGHT SWITCH**
 - Auto – Automatically switched on the dome lights in conjunction with the vehicle's interior illumination.
 - Off – The Dome lights will not turn on in this position.
 - On – Turns on the Dome lights.
11. **SCREEN RELEASE** – Slides in the direction of the arrow to release the drop down screen.

REMOTE CONTROL OPERATION



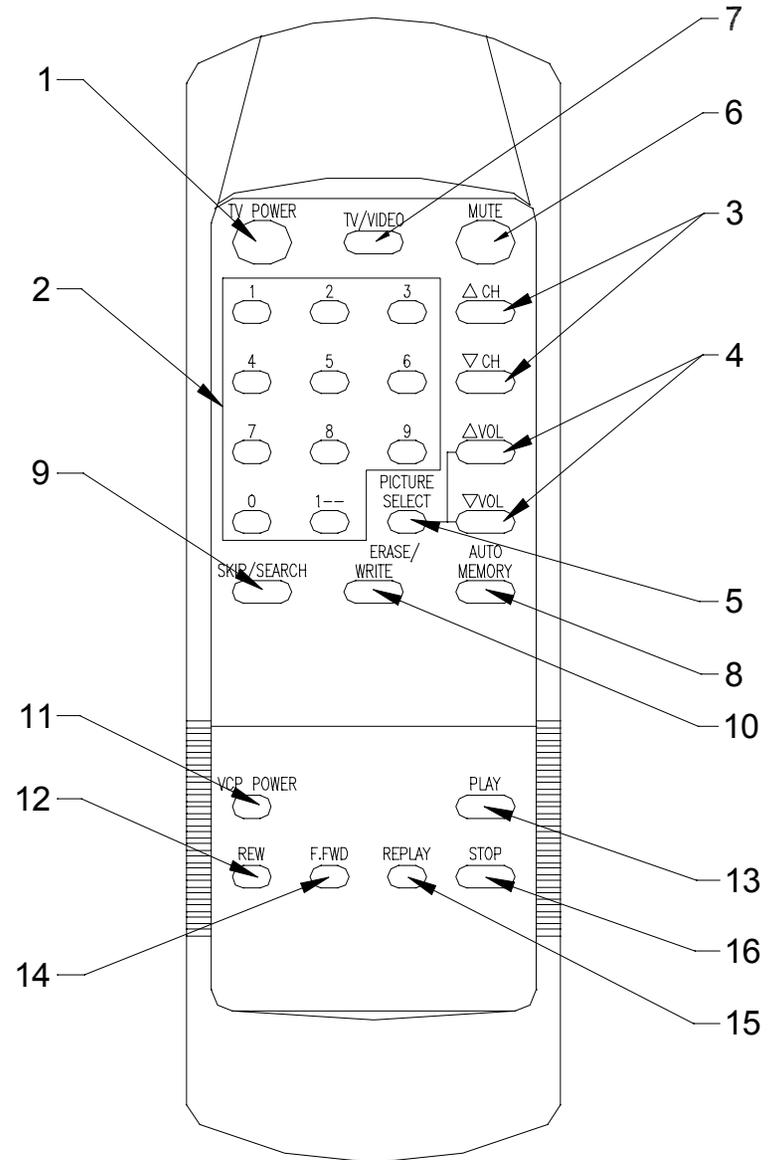
BATTERY INSTALLATION

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

- 1) Turn the Remote Control face down. Press down on the ridged area of the battery cover, and slide it off.
- 2) Install Two “AAA” batteries as shown. Make sure that proper polarity (+ or -) is observed.
- 3) Slide the cover back until it clicks into position.

The Remote Control will operate the VOH802 DL, Audiovox Televisions and Video Media Players. It is not a universal remote control and will not control equipment from other manufacturers.

If a universal Remote Control is used with the VOH802 DL, choose the remote control encoding scheme for Audiovox Televisions when programming the remote.



REMOTE CONTROLLED TV FUNCTIONS

1. **POWER ON/OFF**

Press this button to turn the VOH802 DL on. The channel number or current video source will be displayed on screen, and the picture will appear in a few seconds. Press the button again to turn the VOH802 DL off.

2. **DIRECT ACCESS (0-9) BUTTONS**

Use these buttons to make a direct channel selection. The channel number chosen will be displayed on the screen for about 4 seconds. The direct access is carried out with 0-9 keys (0-99CH). The "1__" key will not function as it is only used for cable channels above 99.

3. **CHANNEL UP/DOWN BUTTONS**

Use these buttons to advance to the next higher or lower channel. See also: SKIP/SEARCH BUTTON.

4. **VOLUME UP/DOWN BUTTONS**

Use these buttons to raise or lower the volume level of the Wired Headphones or External Speakers if installed. They are also used to make adjustments in the picture select mode.

NOTE: These buttons will not affect the volume of wireless headphones or a wired RF modulator. When using these devices the volume must be adjusted with the headphone volume control or with your radio's volume control. (See page 10,

Headphones, or page 11, Wired FM Modulator).

5. **PICTURE SELECT BUTTON**

Each time this button is pressed, the screen picture adjustment display cycles through "adjustment bars" for CONTRAST, BRIGHTNESS, COLOR, and TINT. Once the desired adjustment bar is displayed, use the VOLUME UP/DOWN buttons to adjust the setting. The display will automatically turn off if no adjustments are made within 6 seconds, or if any other button is depressed.

6. **MUTE BUTTON**

Press this button to shut off the sound to the Wired Headphones and External Speakers if installed. The screen will display the volume adjustment bar for 6 seconds, indicating that the sound has been turned off. Pressing the button again restores sound to the previously set level. The mute feature may also be released by pressing the VOLUME UP/DOWN buttons.

7. **TV / VIDEO BUTTON**

Any video equipment connected to the AUDIO/VIDEO inputs can be used with the TV by pressing this button. Each time the button is pressed, the Audio/Video source will change in the following sequence VIDEO1, VIDEO2, and TV.

8. **AUTO MEMORY BUTTON**

When the AUTO MEMORY BUTTON is depressed, all channels in TV mode are searched and tuned; all channels with strong signals detected are automatically stored.

9. **SKIP/SEARCH BUTTON**

This button selects between SKIP and SEARCH mode. In "SKIP mode" the TV only stops on channels that are programmed into memory when the CHANNEL UP/DOWN buttons are used. When the SKIP is turned off, the TV keep only stop on all keep channels.

10. **ERASE/WRITE BUTTON**

When tuned to a channel press this button to store or erase the channel from memory. The stored channel numbers are displayed in "GREEN" on the screen, and the erased channels are in "RED". When skip mode is on, the VOH802 DL will tune to only the stored channels when using the CHANNEL UP/DOWN buttons.

REMOTE CONTROLLED VCP FUNCTIONS

These features can only be used with an Audiovox Video Tape Player, if this option was installed with your video package. For more information consult the Audiovox VCP Owner's Manual.

11. **POWER BUTTON**

This button is used to turn the VCP on and off.

12. **"REW" REWIND BUTTON**

If this button is pushed while the tape is stopped, the Video Tape will rewind. If this button is pushed while the tape is playing, the VCP will go into rewind search mode.

13. **PLAY BUTTON**

Press this button to activate play mode while a Video Tape is loaded into the VCP. This button may also be used to disengage search and pause modes.

14. **"FFWD" FAST FORWARD BUTTON**

If this button is pushed while the tape is stopped, Video Tape will fast forward. If this button is pressed while the Video Tape is playing, the VCP will go into fast forward search mode.

15. **REPLAY BUTTON**

Pressing this button will rewind the Video Tape and immediately begin playback when the Video Tape is fully rewound.

16. **STOP BUTTON**

Press this button to stop the Video Tape.

CHANNEL TUNING SETUP

In order to easily access all available channels, it may be necessary to perform the channel Auto-Programming procedure whenever the vehicle's geographic location has changed, i.e. city-to-city, weak signal area.

1. Press the AUTO MEMORY button on the remote control unit or the AUTO PROGRAM button on the flip down video unit. You will see the TV cycle through all its channels. The built-in microprocessor will automatically note each channel that is actively broadcasting in your area.

(A) To tune only strong clear channels with the CHANNEL UP/DOWN buttons, press the SKIP/SEARCH button on the Remote Control Unit until "SKIP MODE ON" is displayed on the bottom of the screen. The TV will now tune only to strong active channels when the UP or DOWN buttons are used on the monitor or the remote control.

(B) To tune to weak or marginal channels with the CHANNEL UP/DOWN buttons, press the SKIP/SEARCH button on the Remote Control Unit until "SKIP MODE OFF" is displayed on the bottom of the screen. Tune to the desired channel using the CHANNEL UP/DOWN buttons or go directly to the channel by using the 0-9 buttons on the Remote Control.

2. To ERASE a channel, press the ERASE/WRITE button on the Remote Control Unit until "MANUAL MEMORY XX ERASE" is displayed on screen. To STORE a channel, press the button until the MANUAL MEMORY XX ADD is displayed on screen.

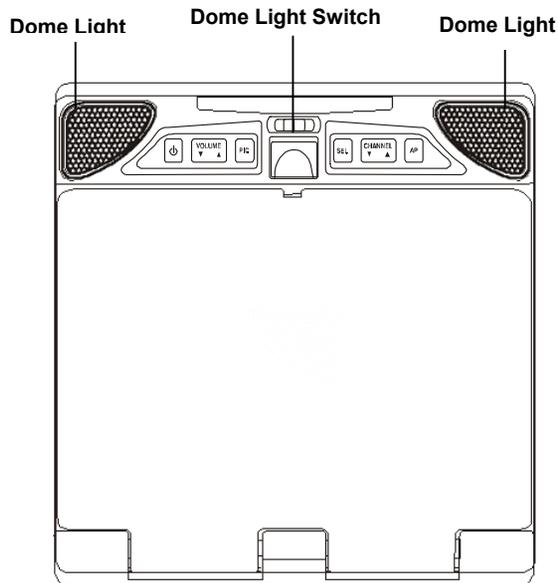
TURNING THE VOH802 DL ON AND OFF

- 1 Sliding the screen release lock forward viewing will unlock the screen and it will drop down slightly. (Pivot the screen downward until a comfortable angle is reached). After the unit has been turned on and is displaying a picture, adjustment to the viewing angle can be made by pivoting the screen to optimize the picture quality. The internal friction detent will hold the screen in position while the system is in use.
- 2 Pressing the power button on the pod or remote will alternately turn the system on or off. When in use the internal back lighting will illuminate the controls.
- 3 Remember to turn the unit off and pivot the display screen to the locked position when not in use.

OPERATION

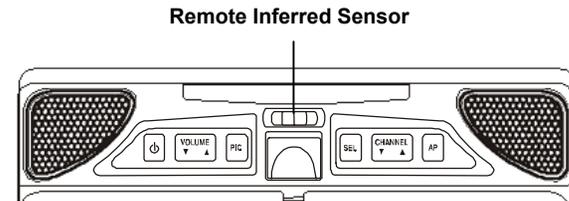
OVERHEAD DOME LIGHTS

A three-position slide switch controls the Dome Lights on the VOH802 DL. Sliding the switch to the ON position will turn the Dome Lights ON. The OFF position will prevent the Dome Lights from turning ON at all times and the auto position will allow the Dome Lights to turn ON and OFF with the vehicle's interior lighting. Do not leave the vehicle unattended with the Dome Lights switch in the ON position, as this could result in a discharged battery.



REMOTE INFERRED SENSOR/REPEATER

The VOH802 DL incorporates a Remote Infrared Sensor, which relays the signals from the Remote Control to allow the VOH802 DL and VCP to be controlled simply by pointing it's Remote Control at the remote sensor. This provides control of auxiliary equipment such as an Audiovox VCP or DVD Player. The Remote Infrared Sensor can relay signals from most manufacturers Remote Control to its respective component connected to the Video 1 and 2 inputs. In this case you must use the Remote Control supplied with the other manufacturers component.



OPTIONAL ACCESSORIES

WIRELESS HEADPHONES

The VOH802 DL includes a built in Infrared Transmitter for use with Audiovox Wireless Headphones (P/N MVIRHS). Turning the Headphone switch ON activates will activate the internal IR Receiver, the volume can then be adjusted separately with the controls on each headset. Any number of wireless headphones can be used, but all must be within a line of sight from the transmitter, as infrared transmissions, like visible light travel only in a straight line.

The VOH802 DL has a Jack labeled “to FM Transmitter”, this Jack is for connection of an optional Audiovox RF Transmitter (P/N WTXRF01). This Transmitter is for use with the Audiovox Wireless RF Headphones (P/N WHPRF01).

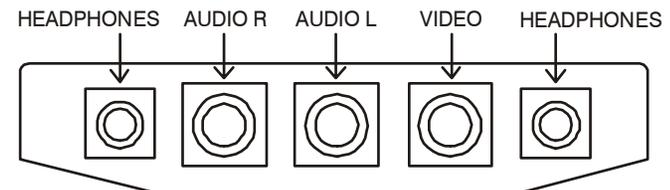
Consult the documentation accompanying the Audiovox Wireless Headphones for more information.

AUXILIARY A/V STEREO INPUTS JACK

The VOH802 DL may be equipped with an auxiliary A/V stereo input connector (optional).

These inputs are provided to facilitate the temporary connection of optional audio/video equipment, such as a camcorder or video game system. To play a source with these inputs, an RCA patch cord is required to connect the audio/video signals to their respective jacks. Mono audio sources will require the use of an RCA Y-cable (P/N 0892165) to connect to both right and left inputs, if patch cords are installed into the AUX inputs, the VIDEO INPUT 2 will be temporarily bypassed. Once the connections have been made, turn the VOH802 DL on and press the source button on the VOH802 DL or the TV/Video button on the remote control until “Video 2” is displayed on the screen. The unit will now play the audio and video signals from the accessory connected. The remote control will not operate the accessory components.

VOH802DL Jack Panel



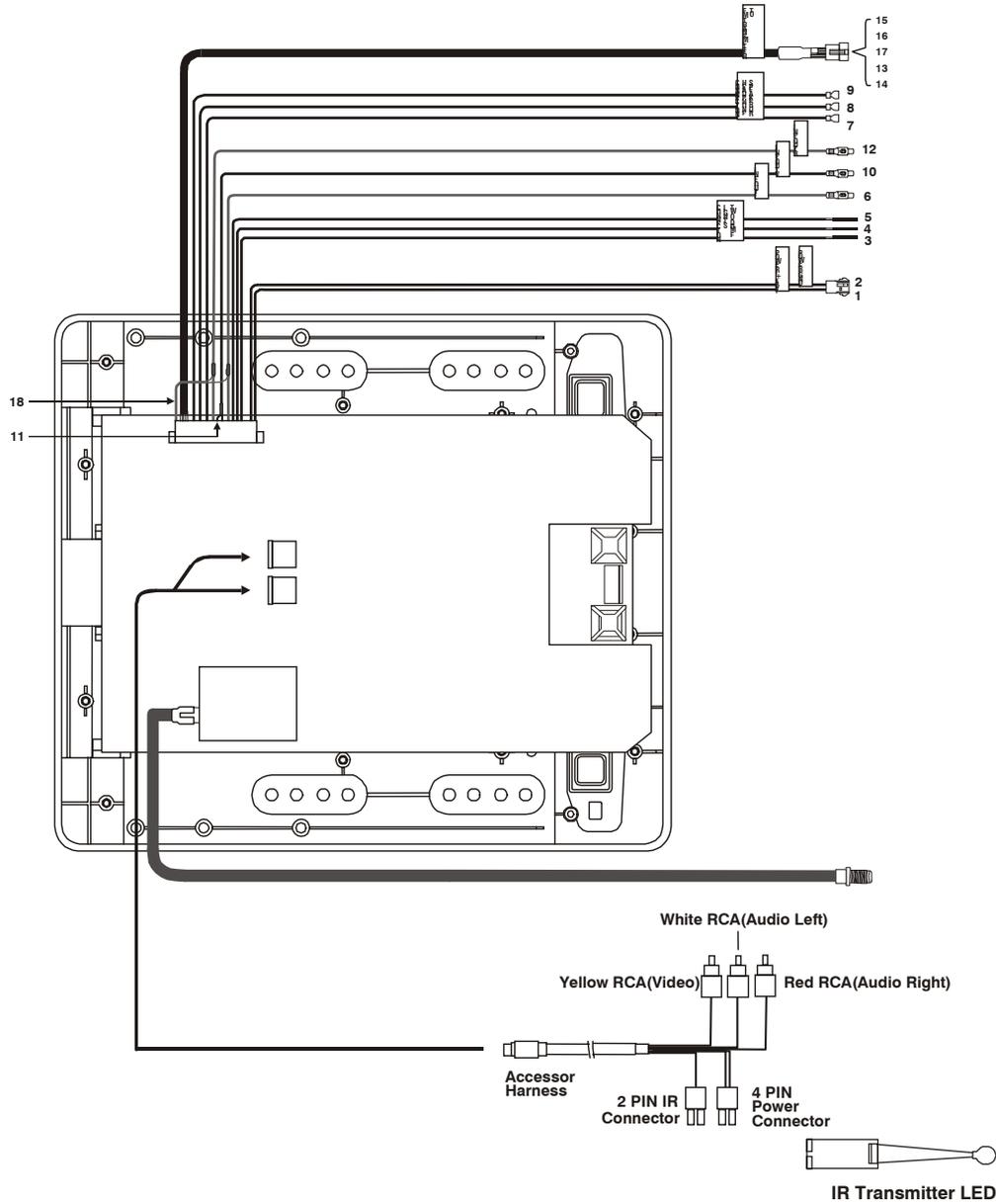
WIRED FM MODULATOR (P/N FMM100)

Your video system may be equipped with an optional RF modulator, that allows you to listen to the VOH802 DL's audio signal by tuning your vehicle's radio to the selected frequency, (88.7 or 89.1- check with your installer) and tuning on the remote mounted RF modulator switch. (In most cases this toggle switch will be located underneath the driver's side of the dash, check with your installer for the exact location.) Whenever the RF Modulator is ON, broadcast radio reception will be poor. Turning the remote mounted toggle switch OFF will allow for normal radio reception.

VIDEO OUTPUT

The VOH802 DL provides a video output for an optional Video monitor(s). This output will provide a video signal that duplicates the signal displayed by the VOH802 DL to an additional Monitor or Video display. Please see your installer for more information.

TYPICAL SYSTEM CONNECTIONS



Negative Dome Light Switching	
Lamp Auto	Purple/Brown
Constant 12V	Black/Red
Lamp ON	Red/Black

Positive Dome Light Switching	
Lamp Auto	Purple/Brown
Ground	Black/Red
12Vdc	Red/Black

PIN 1 - Power/Red
PIN 2 - Power GND/Black
PIN 3 - Dome Light ON - Red/Black
PIN 4 - Lamp Common - Black/Red
PIN 5 - Dome Light Auto - Purple/Brown
PIN 6 - Line Out (L)/White
PIN 7 - Spk Out (R) /Green
PIN 8 - Spk Out-GND/Black
PIN 9 - Spk Out (L)/Grey
PIN 10 - Video Out/Yellow
PIN 11 - Video GND/Black
PIN 12 - Line Out (R)/Red
PIN 13 - Power 12V(FM Trans.)/Red
PIN 14 - Power GND (FM Trans.)/Black
PIN 15 - Audio (L) Out (FM Trans.)/White
PIN 16 - Audio GND (FM Trans.)/Black
PIN 17 - Audio (R) Out (FM Trans.)/Red
PIN 18 - Line Out GND/Black

Troubleshooting

PROBLEM	SOLUTION
Poor TV Reception	<ul style="list-style-type: none"> • Perform auto programming of the tuner • Verify antenna condition. • NOTE: Due to the nature of TV signals, vehicle motion, direction the vehicle is facing, distance from the transmitter, nearby surroundings and weather may adversely affect TV reception. These conditions may result in the following: picture roll, "snowy" picture, or momentary loss of color. Please refer to page 2 for more information on TV reception.
Poor radio reception (FM modulator installed)	<ul style="list-style-type: none"> • Check the condition of the vehicle's radio antenna. • Verify that the antenna is fully raised • If a wired RF modulator has been installed, verify that it's switch is turned to the off position
IR sensor inoperative	<ul style="list-style-type: none"> • Verify that the batteries in the remote are fresh • Verify that the remote eye is not obstructed. • Verify that the infrared transmitter is affixed over the sensor eye of the component to be controlled

Specifications

LCD Brightness	250 nits (min)
Resolution	1440 x 234
Pixels	336, 960
Operation Temperature	-10 ~ 65° C
Storage Temperature	- 40 ~ 85° C
Video Display System	NTSC
Audio Output	1W @ 16Ω
Current Draw	1.5A
Weight	3.3 Lbs
Overall Dimensions	2.3 x 8.6 x 9.8 Inch (H x W x D)



36 MONTH LIMITED WARRANTY

Applies to Audiovox 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, 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.

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 tapes, 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 WITHIN A PERIOD OF 48 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. 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.

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