

VOH681A

Mobile
VIDEO



**Operation
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 VOH681A should never be installed where it will be visible, directly or indirectly, by the operator of the motor vehicle.

Please note that the state of Rhode Island forbids the installation of such a device in a motor vehicle.

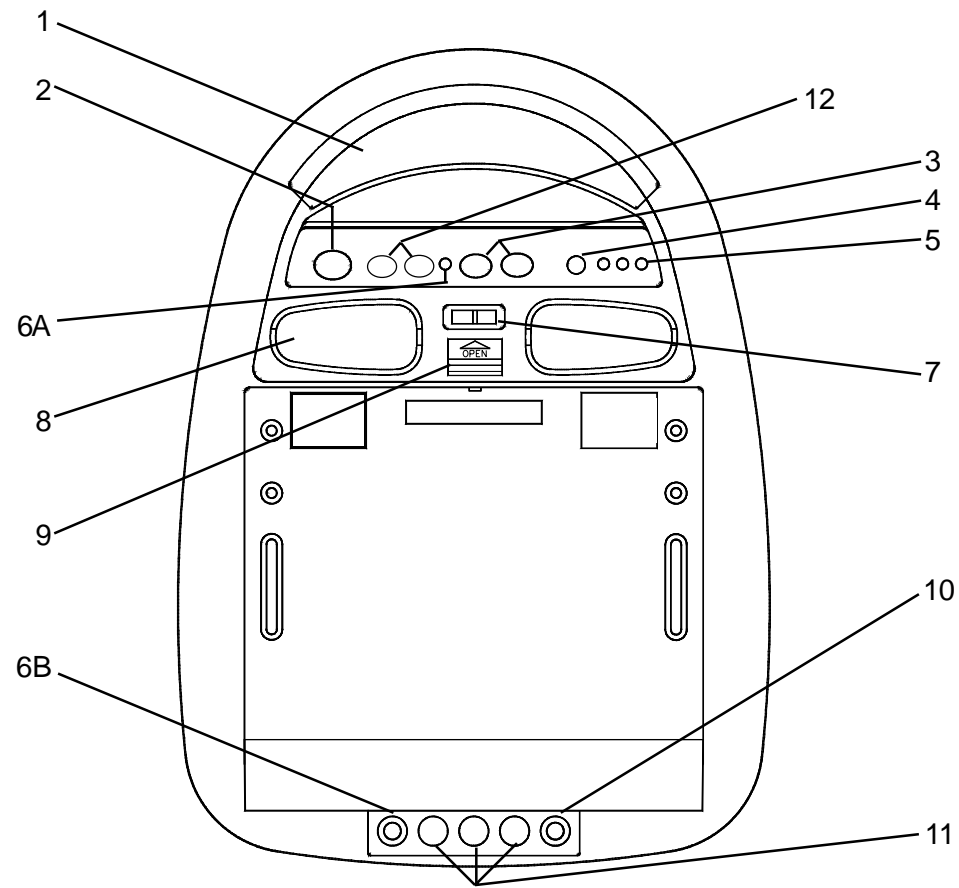
Safety Precaution

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

Congratulations on your purchase of the Audiovox VOH681A drop-down Video Monitor. The VOH681A 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. 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.

Features

- ◆ 6.8" TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor
- ◆ IR transmitter for Wireless Headphones
- ◆ Rear Remote Sensor Eye
- ◆ Three Audio/Video Inputs
- ◆ Headphone/Speaker Amplifier
- ◆ Headphone Jack for Wired Headphone
- ◆ Built-in Forward Remote Sensor Eye
- ◆ Built-in Dome Lights
- ◆ Backlit Controls for Low Light Operation
- ◆ Push button screen Brightness Controls



Front Panel

1. Infrared Transmitter - Used to transmit audio to wireless headphones.
2. Power button – (Bright red when system is On, dim when Off).
3. Volume Up/Down – Controls volume to headphone jacks and external speakers if connected.
4. Source Select – used to select one of the three A/V sources.
5. Source indicator LEDs - Indicate the current video source.
- 6A. Forward Remote Sensor Eye – Receives signals from infrared remote controls and relays them to remote mounted equipment.
- 6B. Rear Remote Sensor Eye - Receives signals from infrared remote controls and relays them to remote mounted equipment.
7. Three position Dome Light Switch
 - Auto – Automatically switches 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.
8. Dome lights – provide additional illumination.

9. Screen Release – Slide in direction of arrow to release the flip down screen.
10. Headphone Jack – allows plug-in of wired headphone with 1/8" stereo jack.
11. Auxiliary A/V Stereo Input – allows plug-in of camcorder, game, portable DVD player or other A/V source with RCA type output connectors.
12. Brightness Up/Down Control - use the brightness up/down buttons to adjust the picture to bright or dark.

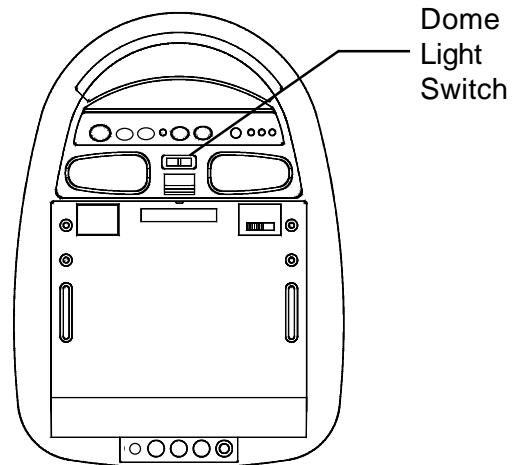
Turning the VOH681A On or Off

- 1 Sliding the screen release lock forward will unlock the LCD screen and it will drop down slightly. Pivot the screen downward until a comfortable viewing angle is reached. 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 the remote will turn the system on or off alternately. 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 and brightness controls to optimize the picture quality.
- 4 Remember to turn the unit off and pivot the LCD to the locked position when not in use.

Operation

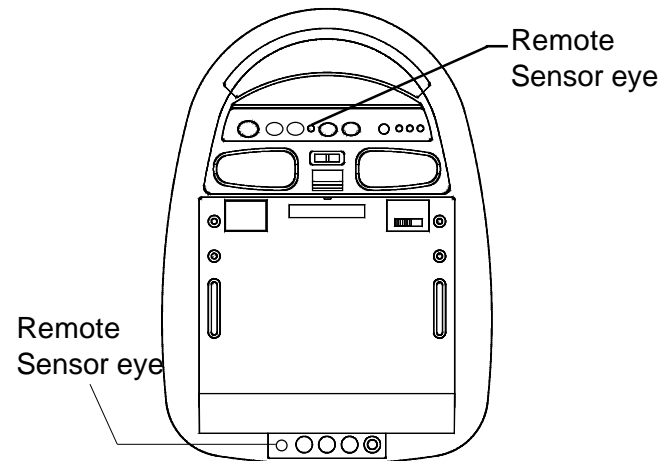
Overhead Dome Lights

The lights integrated into the VOH681A 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 at all times, and the auto position will allow the lights to turn on and off with the vehicle's interior lighting. Do not leave the vehicle unattended with the dome light switch in the on position, as this could result in a discharged battery.



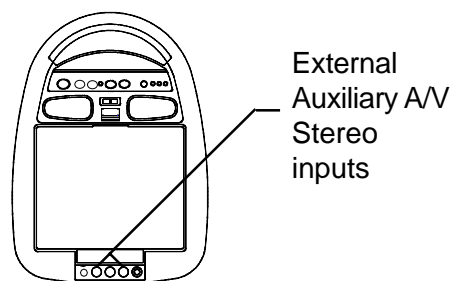
Remote Sensors

The VOH681A incorporates two infrared sensors which relay signals from any infrared remote control to allow a remote mounted device to be controlled simply by pointing its remote control at the remote sensor eye mounted on the pod. This provides control of auxiliary equipment such as Video Cassette and DVD players. The infrared sensors can relay signals from any manufacturer's remote control to its respective component connected to the AV1 or AV2 inputs.



External Auxiliary A/V Stereo inputs (Aux)

These inputs are provided to facilitate the temporary connection of optional audio / video equipment, such as a camcorder or video game system. They can be accessed by removing their protective plastic cover located behind the LCD hinge. To play a source with these inputs, use RCA patch cord to connect the audio / video signals to their respective jacks. Mono audio sources will require the use of an RCA Y cable (PN 0892165) to connect to both right and left inputs. Once the connections have been made, turn the VOH681A on and press the source selector button on the pod until the "AUX" indicator LED illuminates. The unit will now play the audio and video signals from the accessory connected.



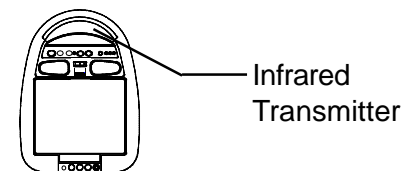
Optional Accessories

Wired Headphones

There is one 1/8" headphone jack on the VOH681A that can be used with any standard stereo headphone. This jack is controlled by the volume up / down buttons on the VOH681A or the remote control. Remove and save the protective plastic cover to access the jack. Remember to replace the cover when the jack is not in use.

Wireless Headphones

The VOH681A includes a built in infrared transmitter for use with Audiovox wireless headphones (PN MVSWS). Turning the headphone switch on, and wearing them activates the internal micro switch which will activate the internal IR receiver and 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. See the documentation accompanying your Audiovox wireless headphones.



Wired FM Modulator

Your video system may be equipped with an RF modulator, that allows you to listen to the VOH681A's audio signal by tuning your vehicle's radio to the selected frequency, (88.7 or 89.1 - Check with your installer) and turning 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 normal radio reception.

Video Output

The VOH681A provides a video output for an optional video monitor(s). (Refer to page 7 of the installation guide for more details.) This output will provide a video signal that duplicates the signal displayed by the VOH681A to an additional monitor or video display. Please see your installer for more information.

Audiovox Video Cassette Player (AV1)

In most installations a VCP will be connected to the "AV1" input. To view a video cassette, turn the VOH681A On and press the source button on its control pad until the "AV1" indicator LED illuminates. The VCP may also be operated with a remote or the buttons on its face. The VOH681A is now ready to play the audio and video signals from the VCP if it is connected to the "AV1" input. Inserting a tape into the VCP will automatically turn it on and activate the play mode. If a rewind tape had already been loaded into the VCP, prior to its activation, press play on the VCP or on the remote control to view the tape. For more information see the operator's manual accompanying your VCP.

AV2

The second video input may be connected to a DVD player, video game system, or other audio / video input. To play the AV2 source, turn the VOH681A on and press the source button on the pod until the "AV2" indicator LED illuminates. Turn the source component on with its power button or remote control. The VOH681A is now ready to play the audio and video signals from the source connected to AV2 inputs.

Warnings

- ❖ Do not use any solvents or cleaning materials when cleaning the video system.
- ❖ Do not use any abraasive cleaners, they may scratch the screen. Use only a lightly dampened lint free cloth to wipe the screen if it becomes 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 LCD screen.
- ❖ Caution children to avoid touching or scratching the screen, as it may become dirty or damaged.

Troubleshooting

PROBLEM	SOLUTION
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 its switch is turned to the off position.
IR sensor inoperative	<ul style="list-style-type: none"> • Verify that the batteries in the suspect remote are fresh. • Verify that the remote repeater eye is not obstructed. • Verify that the infrared transmitter is affixed over the sensor eye of the component to be controlled

Replacement Parts

Protective Plastic Cover	1023336
Optional Audiovox VCP Remote Control	0993000

Specifications

LCD Backlighting	Edge Light Tube
Resolution	1152 x 234
Pixels	269,568
Operation Temperature	0 - 40° C
Storage Temperature	-20 - 80° C
Expected Backlight Life	10,000 Hours
Video Display System	NTSC/PAL
Audio Output	0.1W @ 16 Ω



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