



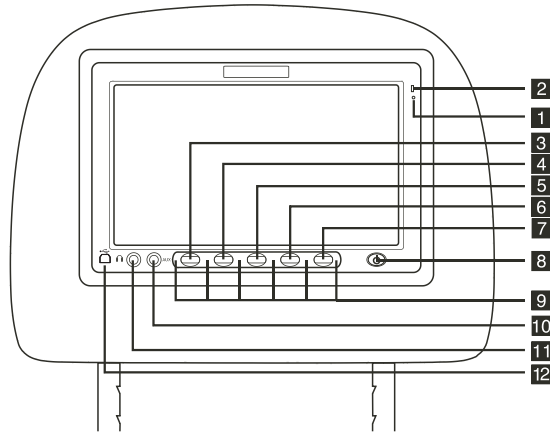
All-In-One Headrest Monitor/DVD System Owner's Manual

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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.

Basic Operation



1. **IR Sensor** - Allows the remote to navigate the OSD (On Screen Display) on this unit and to control other functions and accessories.
2. **Light Sensor** - Detects ambient light levels and dims the screen accordingly.
3. **MONITOR / DVD CONTROL BUTTON #1** - When set to Monitor Control mode, operates as the UP button.
When set to DVD Control mode, operates as the PLAY button.
4. **MONITOR / DVD CONTROL BUTTON #2** - When set to Monitor Control mode, operates as the DOWN button.
When set to DVD Control mode, operates as the STOP button.
5. **MONITOR / DVD CONTROL BUTTON #3** - When set to Monitor Control mode, operates as the MENU button.
When set to DVD Control mode, operates as the PLAY button.
6. **MONITOR / DVD CONTROL BUTTON #4** - When set to Monitor Control mode, operates as the SOURCE button.
When set to DVD Control mode, operates as the PAUSE button.
7. **MONITOR / DVD CONTROL BUTTON #5** - When set to Monitor Control mode, operates as the ZOOM button.
When set to DVD Control mode, operates as the NEXT button.
8. **POWER / TOGGLE** - Press momentarily to toggle between on-screen DVD and Monitor Control functions.
Press and hold to turn the monitor off.
9. **Infrared Remote Controller Receiver**
Transfers the volume input of the wireless headphones.
10. **AUXILIARY INPUT JACK** - Allows an external A/V source to be connected and viewed. The external source can only be viewed on the monitor that it is physically connected to.

Basic Operation

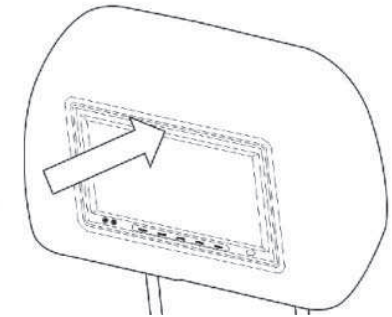
11. **HEADPHONE JACK** - Allows the use of wired headphones (not included) to be connected to the monitor.
12. **USB jack** - When you insert an external input, the system will automatically enter the USB external function. The USB is form of DAT, AVI, MPEG1, MPEG2, DIVX6.0 below use only. USB adaptor provided.

Loading a Disc

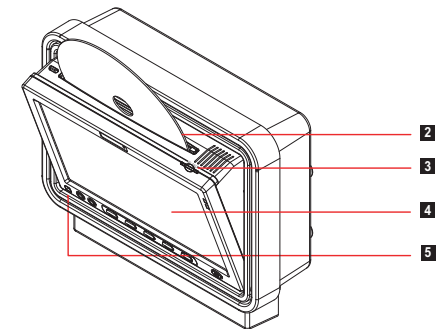
To open/reveal the DVD loading slot, PRESS on the top-center of the monitor frame (indicated by the Nameplate).

NOTE: Do not put pressure directly on the screen. Latch the monitor in the fully closed position when DVD loading slot is not in use.

To load a disc, insert the disc vertically with the label surface facing the rear of the vehicle.
Gently lower the disc into the disc slot, until the loader motor accepts the disc and lowers it into the DVD player. Once the disc has been loaded, press on the monitor frame to conceal the DVD loading slot.



1. **EJECT** - Press this button to eject the disc.
2. **Disc Slot**
3. **SD Card** - (The printed face should be facing the headrest)
4. **LCD Panel**
5. **Mini USB Slot** - Only works with supplied adaptor cable



NOTE: This unit will play the following formats:

Video: VCD(.dat), DVD(.vob), AVI(.avi BELOW 720*480, DIVX BELOW DIVX3.11), MP4(.mp4)

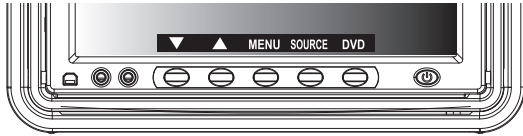
Music: WMA(.wma),CD(.cda),MP3(.mp3)

Monitor On-Screen Functions

SOFT BUTTON CONTROLS

When any of the DVD / Monitor buttons are pressed, a row of icons will appear directly above the buttons. To alternate between DVD and Monitor Control functions, quickly press the POWER / TOGGLE button. To select a desired function, press the button directly underneath the desired icon.

MONITOR CONTROLS



▲ (UP) - Increases volume output of wired headphone jack. When in MENU mode also increases the value of the desired function.

▼ (DOWN) - Decreases volume output of wired headphone jack. When in MENU mode also decreases the value of the desired function.

MENU - Accesses monitor picture adjustment settings. Each press of the MENU button advances through the functions as follows:

► **ZOOM MODE** ► **CONTRAST** ► **BRIGHTNESS** ► **COLOR** ► **TINT** ► **SHARPNESS** ► **FM SOURCE**
► **FM CHANNEL** ► **RESET DEFAULT**

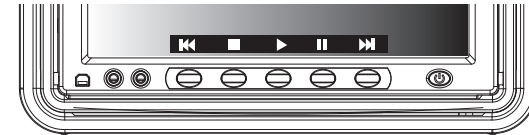
Once the desired selection has been made, use the ▲ or ▼ buttons to change the function setting.

SOURCE - Changes the source displayed on the monitor. Each press of the SOURCE button changes the source in the following sequence: **Driver DVD - Driver HD5 - Passenger DVD - FRONT AUX - Ext. AUX**

DVD / HD5 - Press to switch between DVD and HD5.

Adjusting the Picture Settings

DVD / HD5 CONTROLS



Press the POWER button (⏻) to display the DVD / HD5 control icon.

- ▶ (Play) - Plays a disc that is loaded into the integrated DVD / HD5 player.
- (Stop) - Stops playing a disc that is loaded into the integrated DVD / HD5 player.
- ⏪ (Pause) - Pauses a disc that is loaded into the integrated DVD / HD5 player.
- ⏮ (Previous) - Accesses the previous chapter or track.
- ⏭ (Next) - Accesses the next chapter or track.

The multiple picture adjustment settings allows the user to tailor the picture to their preferences. To access the picture adjustment settings, press the MENU button. Each press of the MENU button will advance through the settings shown below. Once the desired selection has been made, use the ▲ or ▼ buttons to change the setting level.

200M MODE- Adjust to wide screen or normal screen.

CONTRAST - Adjust to increase or decrease picture contrast.

BRIGHTNESS - Adjust to brighten or darken the picture.

COLOR - Adjust to increase or decrease the color intensity.

TINT - Adjust to increase or decrease the color hue.

SHARPNESS - Adjust to sharpen or soften the picture.

HIGH MEDIUM LOW

FM SOURCE - Driver DVD - Passenger DVD - Ext AUX - FM Off

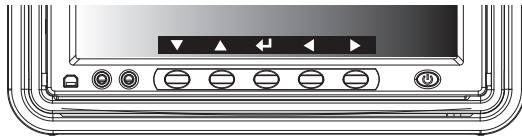
FM CHANNEL - CH1 88.5MHz CH2 88.7MHz CH3 88.9MHz CH4 89.1MHz CH5 89.3MHz
CH6 89.7MHz CH7 89.9MHz

RESET DEFAULT : Resets the above picture settings to the default values.

HD5 / Device Option

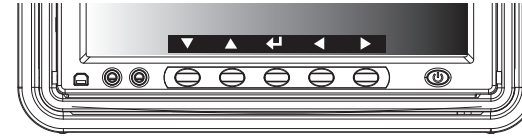


Press power button to switch OSD



- ◀ Left: Press Left button move to desired Device.
- ▶ Right: Press Right button to move to desired device.
- ⏪ Play: play the desired device.


HD5 / SETTINGS

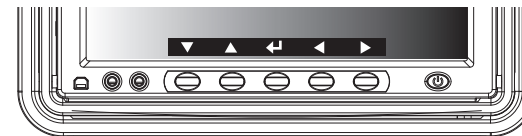


- ▼ Down: Press down button to move to desired setting items.
- ▲ UP: Press up button to move to desired setting.
- ⏪ Play: execute the desired setting description.
- ◀ Left: Press Left button to next setting description.
- ▶ Right: Press Right button to previous setting description.

HD5 Media options

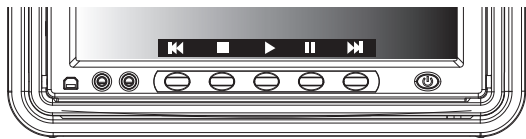


Press the power button () to display the HD5 CONTROLS.



- ◀ Left: Press Left button to move to desired Media.
- ▶ Right: Press Right button to move to desired Media.
- ⏪ Play: play the desired Media.

Monitor On-Screen Functions

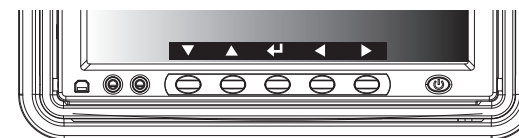


- Stop: Return to Device option.

SOFT BUTTON CONTROLS

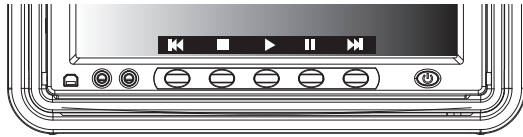


Adjusting the Picture Settings



- ▼ Down: Press down button to move down to desired file.
- ▲ UP: Press up button to move up to desired file.
- ▶ Play: desired file.
- ◀ Left: Press Left to previous page.
- ▶ Right: Press Right to next page.

Insert Connecting External Devices



- Stop: Return to Device option.

Using External Devices

USING THE USB INPUT JACK

The monitor has a Micro USB input jack. This jack will only work with the supplied USB adaptor cable. The adaptor cable will work with any standard USB thumb drive (memory stick).

USING THE SD CARD READER

The monitor has a standard SD Card Reader slot. Insert a standard SD Card into the slot (label side towards the head rest) to play media.

USING THE AUXILIARY INPUT JACK

The monitor has a 3.5mm auxiliary input jack labeled AUX located on the bottom left of the screen. To connect an external source (video game system, camcorder, etc.) to the monitor, use the supplied 3.5mm to RCA auxiliary input adapter cable. Using either the remote or the monitor-control buttons, press the SOURCE button until AUX has been selected. The auxiliary device can now be viewed.

NOTE: A source connected via the screen-mounted AUX jack can only be viewed on the screen that the auxiliary source is physically connected to.

USING THE WIRED HEADPHONE JACK

The monitor has a 3.5mm wired headphone jack labeled . To use, simply connect a pair of wired headphones (not included) to the wired headphone jack and use the "▲" or "▼" monitor control buttons to adjust the headphone volume output.

NOTE: Using the monitor control buttons to change the wired headphone volume output will not affect the volume output of the wireless IR headphones.

USING THE A/V CONTROL MODULE AUXILIARY INPUT

This unit features auxiliary component RCA input jacks on the A/V Control Module. Devices connected to this input can be viewed on either screen (independently or simultaneously), as well as output through the vehicle stereo via the integrated FM Transmitter. To view this input press the SOURCE button until EXT. AUX is displayed.

NOTE: Consult your installer to determine how to access the EXT. AUX on the A/V Control Module.

Remote Control Operations

NOTE: The remote control will control all Monitor and integrated DVD functions. The remote control is not a universal controller and will only work on this unit.

MONITOR FUNCTIONS

1. MONITOR POWER - Press this button to turn the monitor ON. The current video source will be displayed on-screen, and within a few seconds the picture will appear. Press the button again to turn the monitor OFF.

2. SOURCE SELECT - All video sources connected to the AV inputs can be viewed on the monitor by pressing this button. Each time the button is pressed, the AV source will change.

3. UP - Shifts right or up OSD menu. Increases the value of CONTRAST, BRIGHTNESS, COLOR, TINT, SHARPNESS or DIMMER.

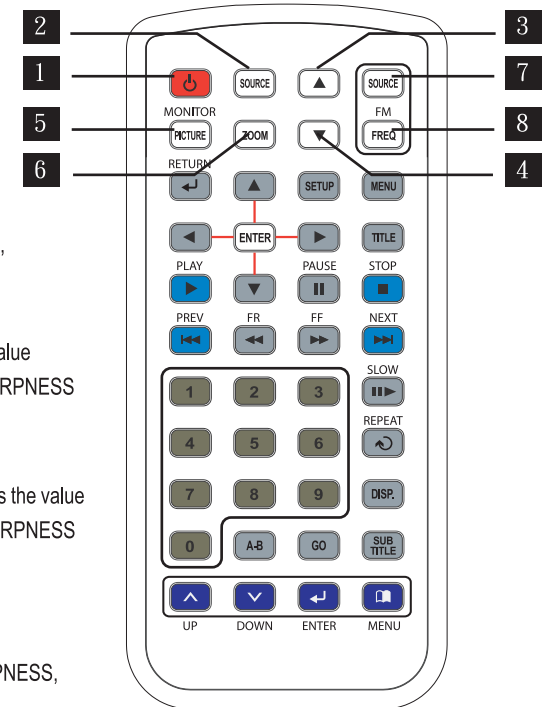
4. DOWN - Shifts left or down OSD menu. Decreases the value of CONTRAST, BRIGHTNESS, COLOR, TINT, SHARPNESS or DIMMER.

5. PICTURE - Press this button to adjust the value of CONTRAST, BRIGHTNESS, COLOR, TINT, SHARPNESS, or DIMMER.

6. ZOOM - Selects the screen size among wide/normal/zoom.

7. FM SOURCE SELECT - While aiming the remote at the Driver Side Monitor, press this button to change the FM Modulator output source.

8. FREQUENCY SELECT - While aiming the remote at the Driver Side Monitor, press this button to select the desired Frequency Modulator channel.



Remote Control Operations

DVD FUNCTIONS

9. **UP** - Shifts up DVD setup menu.

10. **DOWN** - Shifts down DVD setup menu.

11. **RIGHT** - Shifts right DVD setup menu.

12. **LEFT** - Shifts left DVD setup menu.

13. **ENTER** - This button to select/accept settings.

14. **RETURN** - Return to the previous menu.

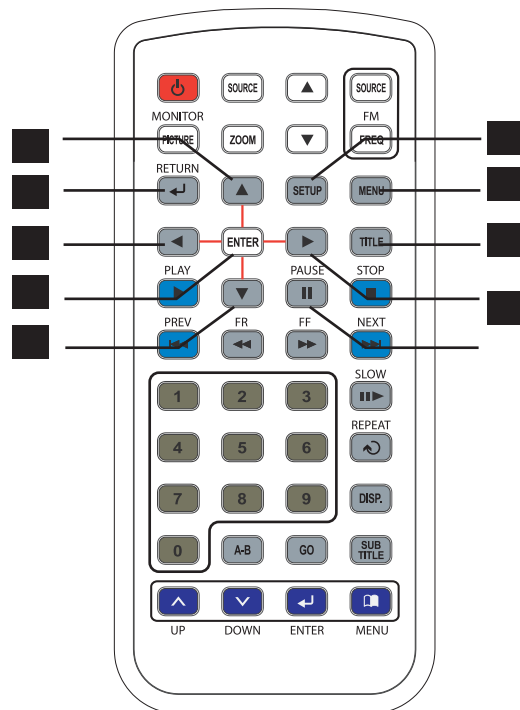
15. **SETUP** - Press this button will setup in the following sequence:

- (1.) System setup
- (2.) Language setup
- (3.) Audio setup
- (4.) Video setup
- (5.) Speaker setup
- (6.) Digital setup

Press the setup button to exit setup menu again.

16. **MENU** - Press to see the main menu for the DVD being played.

17. **TITLE** - Press this button to select DVD title.



Remote Control Operations

18. **PLAY** - Press the button to play DVD playback.

19. **PAUSE** - Press the button to pause DVD playback.

20. **STOP** - When stop button is pressed, the CD/DVD playback will stop. Press the play/pause **||▶** button to continue. The player records the point where the stop **■** button is pressed. Press the play/pause **||▶** button again, the play will resume from this point.

21. **PREVIOUS** - The player will skip to the beginning of the chapter/track each time the button is pressed.

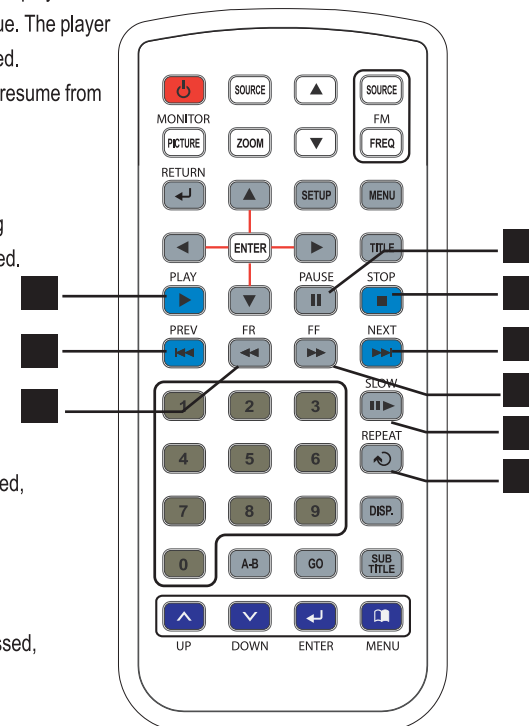
22. **NEXT** - The player will skip forward to the next chapter/track each time the button is pressed.

23. **FAST REVERSE** - Each time this button is pressed, the unit will go into a rapid reverse playback mode. (2X 4X 8X 20X)

24. **FAST FORWARD** - Each time this button is pressed, the unit will go into a rapid advance playback mode. (2X 4X 8X 20X)

25. **SLOW** - Each time this button is pressed, the unit will go into a slow motion playback mode. (1/2 1/3 1/4 1/5 1/6 1/7)

26. **REPEAT** - Press this button to select DVD repeat mode.



Remote Control Operations

27. DISPLAY - Shows information on the top of the screen including title, chapter/track, time elapsed, and time remaining, or turns off the display.

28. SUBTITLE - Changes the subtitle language to other available languages or turns the subtitles off (only applicable if the disc contains multiple subtitle languages).

29. GOTO - Navigates the Go To Menu and allows the selection of the desired title, chapter, track or song on the disc.

30. A-B - Repeats disc from user selected point A to point B.

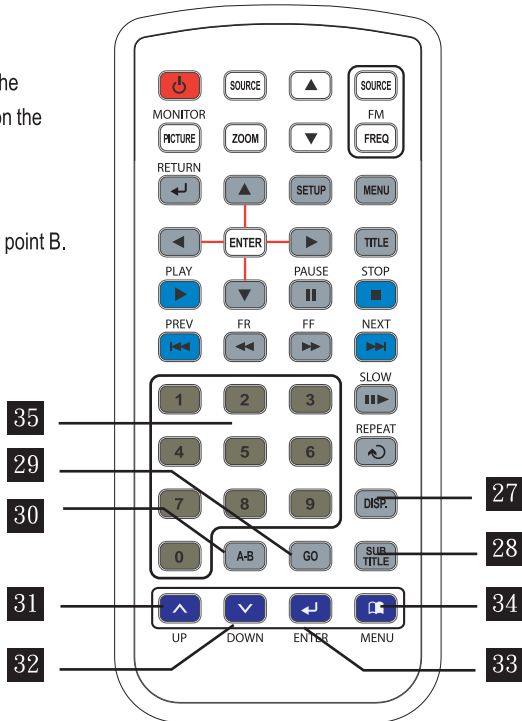
31. UP - Press this button to select channel up.

32. DOWN - Press this button to select channel down.

33. ENTER - Press this button to select/accept settings.

34.MENU - Press to see the main menu for the Disc being played.

35. NUMBERS 0 to 9 - Use these buttons to access a specific chapter or track.



Remote Control Operations

NOTE: The remote control will control all Monitor and integrated DVD functions. The remote control is not a universal remote controller, it will only work on this unit.

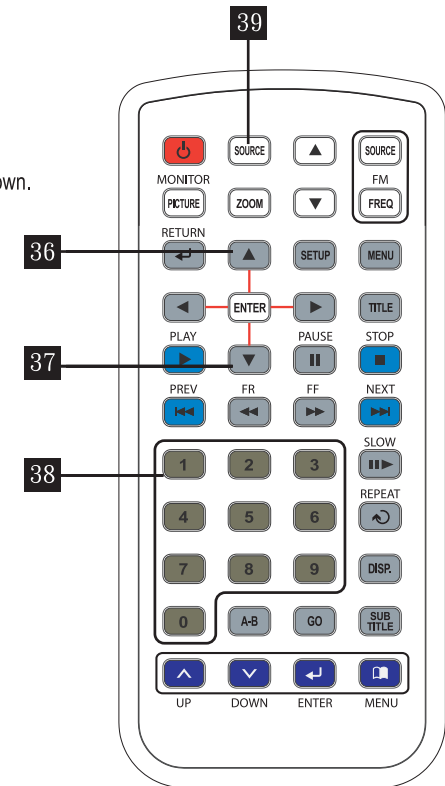
MONITOR FUNCTIONS

36. UP - Press this button to select channel up.

37. DOWN - Press this button to select channel down.

38. NUMBERS 0 to 9 - Use these buttons to access channels.

39. SOURCE SELECT - All video sources connected to the AV inputs can be viewed on the monitor by pressing this button. Each time the button is pressed, the AV source will change item.



Playing Audio CDs

When playing an audio CD, the DISPLAY banner appears automatically. It displays the current track and the amount of the time for that track playing, the total amount of time on the disc and the current time running on the disc. Press the DISPLAY button on the remote to display the DISPLAY banner. The options below show you what happens when you press the DISPLAY button.

Press DISPLAY (1x) - "Single Elapsed" appears along with the current track number playing and the time of that track.

Press DISPLAY (2x) - "Total Remain" appears along with the current track number playing and the amount of time remaining on the entire CD.

Press DISPLAY (3x) - "Single Remain" appears along with the current track number playing and the amount of time remaining.

Press DISPLAY (4x) - "Total Elapsed" appears along with the current track number playing and the total time playing on CD.

Using the REPEAT Feature

The default mode for the REPEAT feature is OFF. Pressing REPEAT button multiple times changes the REPEAT options as follows:

Track- repeats the current track that is playing.

All- repeats the entire disc that is currently playing.

Audio Playback

The system features multiple ways to enjoy the audio portion of a desired source. The audio can be experienced through the use of Infrared Headphones or with the integrated wireless FM Modulator.

FM Modulator Playback

To listen to the audio portion of the viewed source through the vehicle's stereo system aim the remote at the driver's side monitor and simply press the FM SOURCE button to turn the FM modulator on. The screen will now display FM SOURCE: DRIVER DVD. The Audio portion of the source origination from the Driver's side headrest will now be audible through the vehicle's stereo. If a different audible source is desired, press the FM SOURCE button again to select from DRIVER DVD, PASSENGER DVD, EXT AUX, and FM OFF. Once the desired audible source has been selected, the transmitting frequency output from the FM modulator can only be changed by pressing the FM FREQ button on the remote. Tune the vehicle's radio to the corresponding station to listen to the source that is displayed on the driver's side monitor.

To change the transmitting frequency, aim the remote at the driver's side monitor and press the FM FREQ button. Each press of the button advances the frequency as follows:

FM CH1 88.5MHz ▶ FM CH2 88.7MHz ▶ FM CH3 88.9MHz ▶ FM CH4 89.1MHz ▶ FM CH5 89.3MHz
FM CH6 89.5 ▶ FM CH7 89.7 ▶ FM CH7 89.9

To turn the FM Modulator Off aim the remote at the driver's side monitor and press the FM SOURCE button repeatedly until FM OFF is displayed.

NOTE: All of the FM Modulator control functions can also be controlled in a similar fashion using the buttons on the front of the monitor.

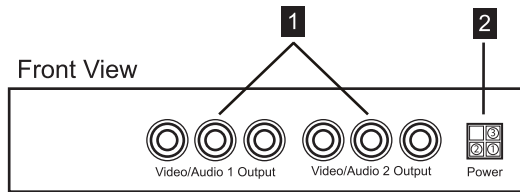
Important Notice

It is unlawful in most jurisdictions for a person to drive a motor vehicle which is equipped with a television 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.

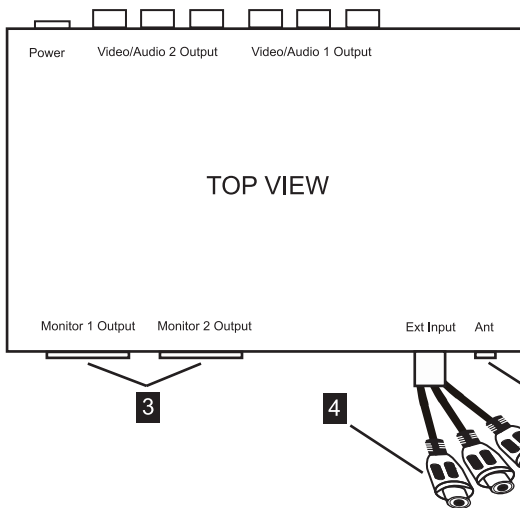
CAUTION

1. Do not expose to direct sunlight for extended periods of time.
2. Do not drop the monitor or expose to strong impacts.
3. Keep the monitor clean and dry.
4. Do not operate the monitor at temperatures below -32°F (0°C) or above 149°F (60°C).

A/V Module Connection Overview



1 - Video/Audio Output (RCA) - Outputs video/audio signal via standard RCA connectors.



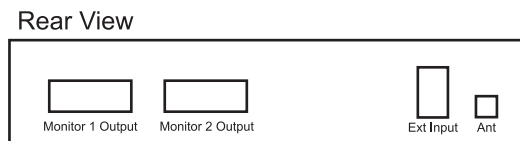
2 - System Power Harness - Connects to the vehicle's power source.

- ① Black: GROUND
- ② RED: +12V Acc
- ③ Yellow: +12V Constant

3 - Monitor Outputs - Outputs for Monitor 1 and 2.

4 - Ext. Input - Use to connect external devices such as a DVD player or gaming console.

5 - FM Transmitter Antenna - Outputs the user-selected audio sources via one of the seven user-selectable FM



Headrest Installation

Section I - Headrest Installation

- 1 - Remove the factory headrests (Detailed instructions can be found in the vehicle's service manual).
- 2 - Starting with the driver's side headrest (Monitor 1) insert the mini-din connectors into the driver side headrest post guides.
- 3 - Slowly push the cables into the seat. If an obstruction is encountered, pull back slightly on the cable and rotate before continuing. Route the cables so that they exit the bottom of the seatback.
- 4 - Repeat steps 2 and 3 for the passenger's side headrest (Monitor 2).

Section II - Wiring

- 1 - Place the A/V Control Module in a well protected area under a seat or behind a panel.
- 2 - Insert the Monitor 1 and Monitor 2 system connector cables into the A/V Control Module. These connectors will click and lock into place when fully inserted.
- 3 - Route the monitor and DVD cables from each headrest towards the A/V Control Module. If additional length is necessary use the available cable extensions. NOTE: The available extensions are not interchangeable the cable connector colors must match.
- 4 - Connect these cables from the driver side headrest (Monitor 1) to the DRIVER MONITOR (Monitor 1) the A/V Control Module.
- 5 - Connect these cables from the passenger side headrest (Monitor 2) to the PASSENGER MONITOR (Monitor 2) on the A/V Control Module.
- 6 - Connect the wireless FM modulator antenna to the connector jack on the side of the A/V control Module labeled ANT.
- 7 - Extend and route the FM modulator antenna under the carpet or behind a panel ensuring to avoid any sharp metal edges or moving parts. For best results do not coil or bundle the FM modulator antenna. NOTE: If the vehicle has an aftermarket radio that accepts RCA auxiliary inputs or the use of a wireless FM modulator is not desired, simply remove the modulator antenna and connect RCAs to the Driver Monitor A/V Output (located on the side of the A/V control module) and route them to the desired component.
- 8 - Plug the power harness into the A/V control module and connect the power wire leads to 12V+ and 12V ground. The wires are color coded as follows: Red = ACC Power, Yellow = Constant Power, Black = Ground, Green = Parking brake.