



AUDIOVOX
ELECTRONICS CORP.

IN-DASH AUDIO / VIDEO SYSTEM USER / INSTALLATION MANUAL

MODEL PAV-8000D



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INTRODUCTION

Congratulations on your purchase of the AUDIOVOX PAV-8000D IN-DASH AUDIO / VIDEO SYSTEM. The PAV-8000D is 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.

WARNINGS

- Do not use any solvents or cleaning materials when cleaning the LCD
- Do not use any abrasive cleaners, they may scratch the LCD. Use only a lightly dampened lint free cloth to wipe the screen if it is dirty.
- When not in use remove and store faceplate in supplied case.
- To reduce the risk of fire and electric shock do not expose the system to moisture.
- The product is a Class 1 Laser product and will emit visible or invisible hazardous laser radiation. Do not open unit or defeat interlocks.
- Do not open the covers, refer servicing to qualified personnel only.
- Parking in direct sunlight can cause the interior temperature to rise to extreme levels, when this happens allow the interior temperature to cool down before operating the system.
- The PAV-8000D System is designed to be installed in the vehicles with a Negative (-)12V Ground Battery System
- If the power supply to the system is interrupted/disconnected, the user programmed preset memory settings will be lost and the system will return to the factory default settings.
- Do not put anything other than discs into the disc slot.
- When leaving the car, be sure to eject the disc and store in its case.

SPEAKER LAYOUT

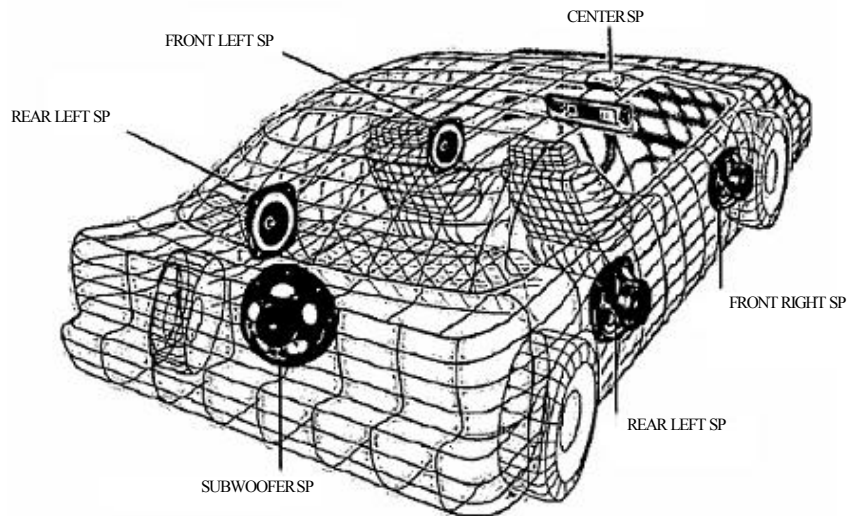


Figure 1. Typical Speaker Diagram

1. SYSTEM SPECIFICATIONS

The PAV-8000D system has 5 channel low level outputs that consists of Two (2) Front & Two (2) Rear Surround Speakers, One (1) Center Speaker and One (1) Subwoofer. The PAV-8000D system is capable of creating a perfect 5.1 Channel DOLBY Surround Sound effect. **NOTE:** An optional Power Amplifier (not supplied) is required to obtain the full-range of the 5.1 Channel capabilities.

2. GENERAL FUNCTIONS

2.1. Supported Discs

- DVD
- CD
- MP3

2.2. Video Output System

System AUTO , NTSC and PAL switch

2.3. TV Type:

[4.3] or [16.9] selectable during playback.

2.4. Audio Playback Effect

- 1) Dolby AC-3 DTS dual-MPEG output;
- 2) PRO LOGIC and DOWNMIX output.

2.5. Program Functions

- 1) Multi-Visual angle
- 2) Fast Forward, Fast Reverse, Slow Forward, Slow Reverse
- 3) Programmable Auto-Memory
- 4) Multi-language selective output

2.6. AM/FM Tuner

- 1) Store 18 FM and 12 AM broadcasting stations while FM Frequency: 87.5~108MHz; and AM Frequency: 530-1720 KHz.
- 2) Tune automatically and manually.

3. REMOTE CONTROL

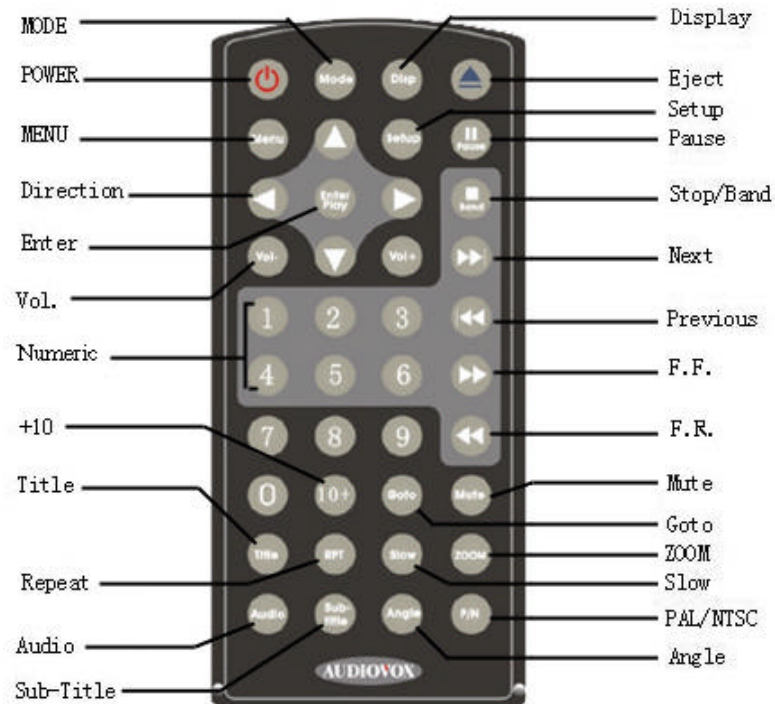


Figure 2. Remote Control

3.1. Remote Control Battery Installation

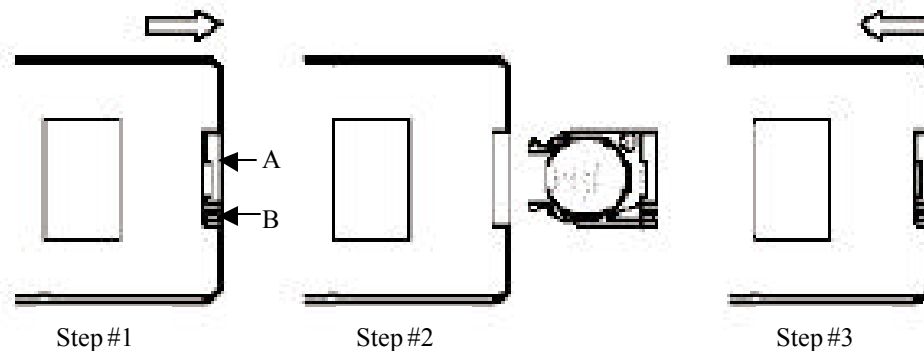


Figure 3. Remote Control Battery Replacement

To replace the battery in the Remote Control, perform the following procedure

1. Place the Remote Control face down on a flat surface. Hold the Remote Control in place using one hand and with the other hand insert a fingernail into the groove of the spring catch (A in Step 1), insert thumbnail into the groove Battery Holder (B in Step 1) and slide out. (see Step #1, Figure 3.)
2. Install one "CR2025" Lithium Battery into the holder. (see Step #2, see Figure 3.)
3. Slide the Battery Holder back into the remote control until it clicks in place (see Step #3, Figure 3.)

NOTE: The Remote Control is shipped without the battery installed. Before attempting to operate the system using the Remote Control, you must install the battery as described in the procedure above.

4. FRONT PANEL

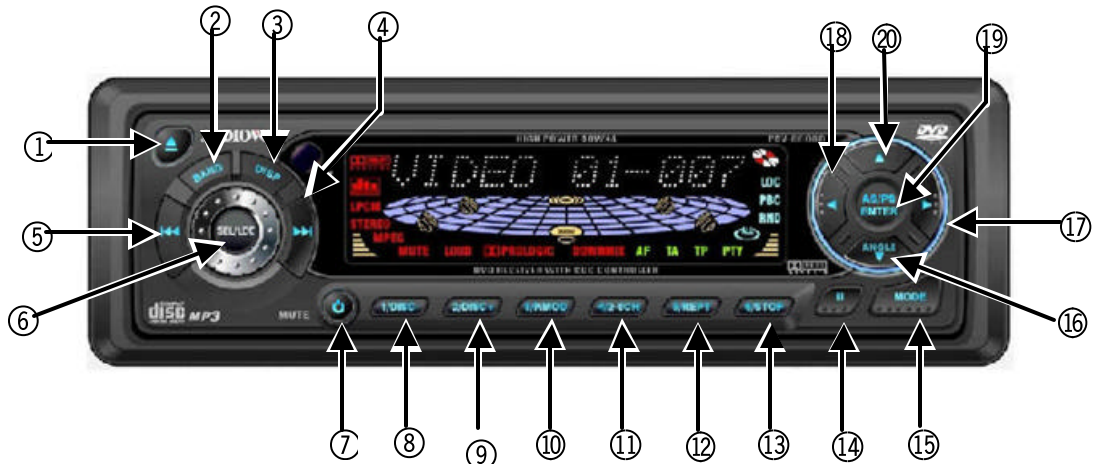


Figure 4. Front Panel

1. Open/Close Front Panel Button and Eject Disc	11. Preset 4 / 2.Channel —5.1 Channel Switch (4/2-6CH) Button
2. Band Select Button (BAND)	12. Preset 5 / Repeat Playback (5/RPT) Button
3. Display (DISP) Button	13. Preset 6 / Stop playback (6/STOP) Button
4. Channel /Selection UP/Next Button	14. Pause & Playback Button
5. Channel /Selection Down /Previous Button	15. Mode Switching Button
6. Select Local Distance Control Button (SEL/LOC)	16. Angle Select/Direction (DOWN) Button
7. Mute Control /Power (ON/OFF) Button	17. Direction (RIGHT) Button
8. Preset 1 / Previous Disc Select (1/DISC-) Button	18. Direction (LEFT) Button
9. Preset 2 / Next Disc Select (2/DISC+) Button	19. AS/PS ENTER Button
10. Preset 3 / Random/Scan Playback (3/P.MODE) Button	

5. BASIC OPERATION

5.1. Powering System On

Press the Power ON/OFF () button (7) to turn the PAV-8000D System Power ON. Press and hold the () button for 2 Sec. to turn the system Power OFF

NOTE: This button (7) is also used to MUTE the audio sound.

5.2. Mute Control

When the unit is on, momentarily press the Mute Button () button (7) to mute the sound; Press it again, the unit will exit the MUTE mode.



Figure 5. Mute Control

5.3. Mode Switch

Press the (MODE) button (15) to switch between the different modes if a CD or DVD is loaded. If a CD Changer (CDC) is used with the system, the MODE button will also be used to switch to CDC mode.



Figure 6. Mode Switch

5.4. Volume Control

Rotate the (SEL/LOC) knob ⑥ to Increase (Right) or Decrease (Left) the volume.



Figure 7. Volume Control

5.5. Displaying and Setting Time

To display the current Time on the LCD Screen, Press the [DISP] button ③, when the unit's in "standby" state, indicated time on LCD will be current time. **NOTE:** in "standby" state, current time is automatically indicated on LCD; in other modes, press this key to display the time.

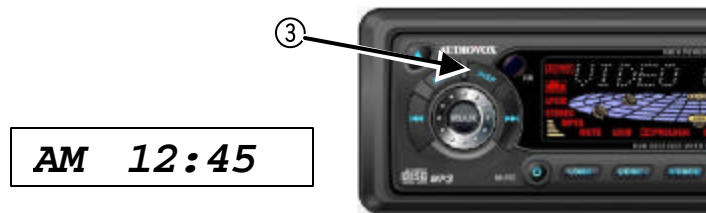


Figure 8. Displaying and Setting Time

5.5.1 Set Time

To set HOURS and MINUTES and to switch between them Press and Hold the [DISP] button ③ for 2 Seconds to enter the Time Set Mode. Once in this mode, press the switch to toggle between Hour and Minute settings.

Press the [? ?] button ④ to increase time. Press the [? ?] ⑤ button to decrease time.



Figure 9. Setting Time

5.5.2 System Setup

To enter the System Setup Mode, Press and Hold the [DISP] button for 2 Seconds. Press the [? ?] and the [? ?] buttons select setup item, use [DISP] button to toggle between values and enter.



Figure 10. System Setup

Table 1. System Setup Values

Setup Item:	Range	Default Value
1 Clock Mode	12H/24H	12H
2 Panel Detachable	ON/OFF	OFF
3 Beep	ON/OFF	ON
4 Clock Display	ON/OFF	ON
5 Light In	ON/OFF	ON
6 LCD Flash Mode	0~14	14
7 LCD Contrast	0~7	2

5.6. Select BASS, TREBLE, BALANCE and PLAYBACK Mode

Press the (SEL/LOC) button ⑥ to select the Audio modes as shown is the following sequence:

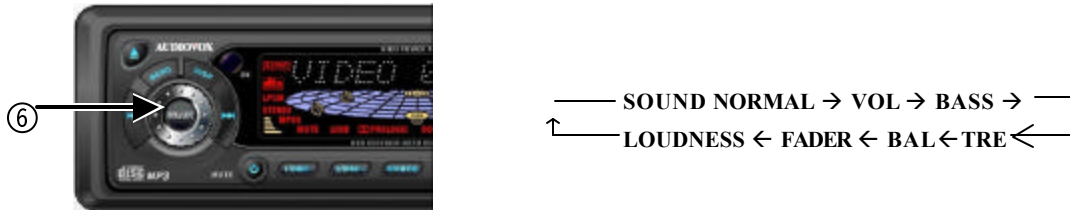


Figure 11. System Playback Mode Setup

5.6.1 Bass and Treble Control

Once either Bass or Treble is selected, rotate the (SEL/LOC) knob ⑥ to Increase (Right) or Decrease (left) the Bass/Treble.



Figure 12. (SEL/LOC) Button

5.6.2 Balance and Fader Control

Press the (SEL/LOC) button ⑥ to select Left & Right Balance mode. Once in the Balance mode, rotate the (SEL/LOC) knob ⑥ to balance between the Left and Right speakers. Press the (SEL/LOC) button ⑥ again to select the fader mode. Once in the Fader mode, rotate the (SEL/LOC) button ⑥ to balance between the Front and Rear speakers

5.6.3 Sound Effect Control

Press the (SEL/LOC) button ⑥ to select the SOUND Effect. Once in SOUND Effect mode, rotate the (SEL/LOC) knob ⑥ to switch between the different sound effects as shown is the following sequence:

NORMAL → FLAT → JAZZ → ROCK → CLASSIC → POP

5.6.4 Loudness Control

Press the (SEL/LOC) button ⑥ to select Loud then rotate the knob to switch the Loudness control ON and OFF.

5.7. Radio Tuner Operation

5.7.1 Select Tuner Function

Press the [MODE] button (15) and select Radio mode.



Figure 13. MODE Selection Button

5.7.2 Select Band

Press the [BAND] button (2) to select the band desired in the sequence shown below.



Figure 14. BAND Selection Button

5.7.3 Searching Stations

5.7.3.1 Auto-Search Station

When a Band is selected, Press the [? ?] Forward directional (4) or the [? ?] Backward directional button (5) to enter the Station Auto-Search mode in the direction desired. To stop searching during the Auto-Search function, press either the [? ?] Forward directional (4) or the [? ?] Backward directional button (5) again and the current frequency (station) will be displayed.



Figure 15. Auto-Search

5.7.3.2 Manual Search Station

When a Band is selected, Press and hold the [? ?] Forward directional (4) or the [? ?] Backward directional button (5) for 2 seconds to enter the Station Manual-Search mode in the direction desired. When the button is released the system will stop searching and exit Manual Search Mode after 5 seconds.

5.7.4 Preset Stations

Press the (1/DISC-)-(8), (2/DISC+)-(9), (3/P.MODE)-(10), (4/2-6CH)-(11), (5/RPT)-(12) & (6/STOP)-(13) button(s) to switch between preset stations.

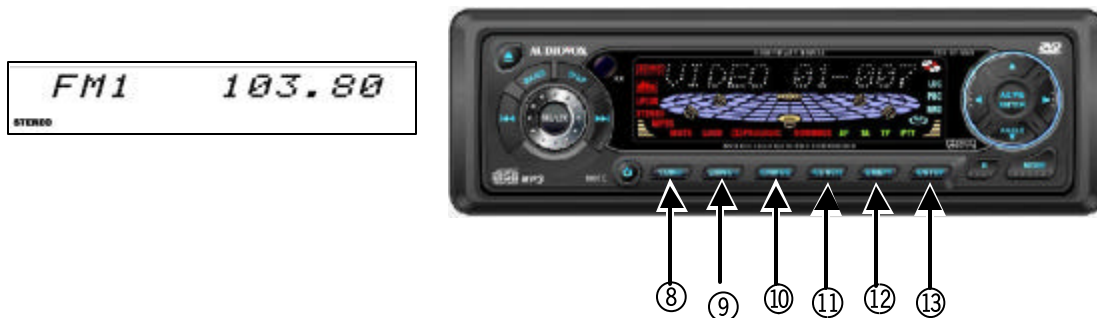


Figure 16. Preset Stations Select Buttons

5.7.5 Storing Preset Stations

When a desired station is reached, Press and hold one of the Numbered preset buttons for 2 Seconds to store the desired station into memory.

[(1/DISC-)-(8), (2/DISC+)-(9), (3/P.MODE)-(10), (4/2-6CH)-(11), (5/RPT)-(12) & (6/STOP)-(13)] (see Figure 16 above).

5.7.6 Scan Preset Stations

Press the [AS/PS ENTER] button (19) to scan the preset stations in current band for 5secs at a time. To stop scanning Press (19) again.



Figure 17. Preset Station Scan Button (AS/PS ENTER)

5.7.7 Select Local-Distant Control

Press and Hold the [SEL/LOC] button (6) for 2 seconds to enter Local mode; Press and Hold the [SEL/LOC] button (6) again for 2 seconds to enter the Distantmode.

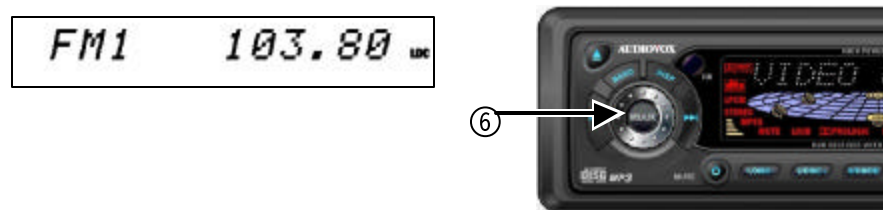



Figure 18. Select Local-Distant Control Button (SEL/LOC)

5.8. DVD Player Operation

Before DVD operation, make sure a monitor has been properly connected to the video output of the unit. Audio output mode depends on the type of DVD played. Discs have different output modes depending on the manufacturer, read the instructions supplied with the disc you want to play before operation.

5.8.1. Lowering the Front Panel(Disc Insertion)

Press the [] button ① to lower the Front Panel and insert a disc

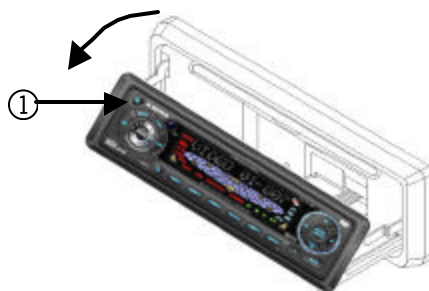


Figure 19. Front Panel Release

Button

5.8.2. Disc loading in

Before inserting disc, make sure that there is not a disc in the unit. A Disc Icon will be displayed on the LCD screen when a disc is loaded into the unit. When a disc is inserted, the unit will automatically close the front panel.

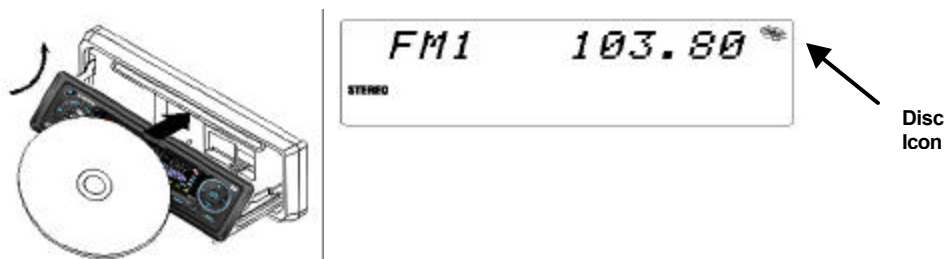


Figure 20. Disc loading

5.8.3. Disc Eject

Press the [] button ① to lower the front panel. If a disc is in the unit, the disc will be ejected.



Figure 21. Disc loading

Ejecting the disc when in DVD and CD mode will cause the unit to automatically return to tuning mode. Once a disc is inserted, it is normal for the playback of the disc to take a few moments before starting while it is loading.

5.8.4. Closing the Front Panel


When the front panel is lowered, press [] button ① to close front panel. If the button is not pressed for 20 seconds the front panel will close automatically.





Figure 22. Closing Front Panel

5.8.5. 2.1 Channel — 5.1 Channel Switch

To switch from the full 6 channel mode to down-mix mode, press the [4/2-6CH] button for 2 seconds ⑪ down-mix will be displayed on the LCD. To switch back to full 6 channel mode press the [4/2-6CH] button again for 2 seconds and "FULL 6CH" will be displayed on the LCD.

NOTE Full 6 channel operation requires an optional 6 channel amplifier.



Figure 23. Stereo Channel Switch Button (4/2-6CH)

5.8.6. Disc Pause & Playback

Press the [||] button ⑭ to Pause the playback of a disc.

Press the [||] ⑭ again to return to normal playback of a disc.



Figure 24. Pause & Playback Button (||)

5.8.7. Stop Disc Playback

Press the [6/STOP] button ⑬ to Stop the playback of a disc. Press the [AS/PS ENTER] button ⑲ to re-start the playback of a disc.



Figure 25. Stop playback Button (6/STOP)

5.8.8. Skip Playback

Press the [?] button (4) to skip to the beginning of the next chapter or track. Press the [?] button (5) to return to the beginning of current chapter or track. Press the [?] button twice to go to the previous chapter or track..



Figure 26. Skip Playback Buttons ([?] / [?])

5.8.9. Repeat Playback

While the disc is in playback mode, press the [5/REPT] button (12) to repeat playback of the current chapter/track. Press the [5/REPT] button (12) a second time to repeat the playback of the Title, press the [5/REPT] button (12) a third time to cancel repeat playback.



Figure 27. Repeat Playback Button (5/REPT)

5.8.10. Random/Scan Playback

Press the [3/P.MODE] button (10) to switch between RANDOM → SCAN and NORMAL Playback.

- **RANDOM** playback mode: Press the [3/P.MODE] button (10) once to enter RANDOM which will randomly play the tracks of the disc.
- **SCAN** mode: Press the [3/P.MODE] button (10) twice to enter SCAN mode, which will begin to scan each of the tracks on the disc for 10 seconds at a time. When a desired track is reached press the button once more to continue playback of that track and end the scan function.

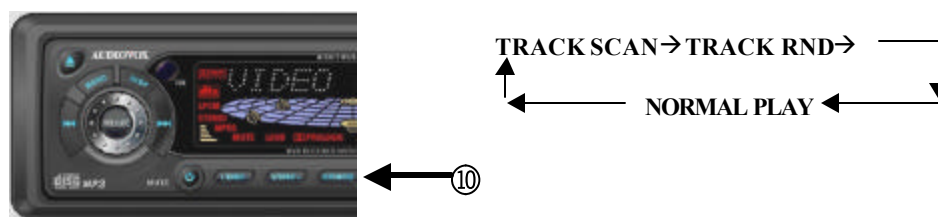


Figure 28. Random/Scan Playback

5.8.11. Selecting Play Time

Press the "GOTO" button on the Remote Control to select a specific chapter (see Figure 2). Press the "GOTO" button again to select a specific time which will be displayed on the Screen then use the number buttons to enter chapter number or time data.

5.8.12. Selecting Subtitle Language

If a disc in playback mode contains subtitle language options. Press the “SUB-TITLE” button on the Remote Control to choose from the disc-supported languages. If the disc only supports one subtitle, the function will not work. Once the language option is chosen, the language description will disappear within 5 seconds.

5.8.12.1 Selecting Audio Language

When a disc is in playback mode press the “AUDIO” button on the Remote Control to choose from the disc-supported languages. Once the language option is chosen, the language description will disappear within 5 seconds.

NOTE: Some discs only allow control of subtitle and language options through the DVD Root Menu

5.8.13. Selecting Camera Angle

If the DVD to be viewed supports multi-angle playback, press the “ANGLE” button on the Remote Control to playback images in different camera angles. If the DVD does not support multi-angle playback, this function will not work. Once the angle option is chosen, the angle description will disappear within 5 seconds.

5.8.14. Muting Operation

Momentarily press the [MUTE] button (7) to mute the audio playback. Press the [MUTE] button again or turn the volume control to cancel the mute function.



Figure 29. Audio Mute Button

5.8.15. Fast Forward & Fast Reverse

Press the [FF] or the [FR] buttons on the Remote Control to search a disc in the Forward or Reverse playback direction. Each time the [FF] or the [FR] buttons on the Remote Control are pressed the Fast Forward or Fast Reverse speed will change, 2X / 4X / 6X and 8X the normal speed.

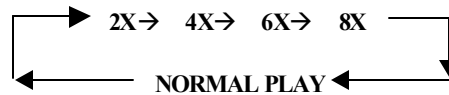


Figure 30. Fast Forward & Fast Reverse Speeds

5.8.16. Slow Play

Press “SLOW” button on the Remote Control to slow the playback speed of a disc. Each time the “SLOW” button on the Remote Control is pressed the speed will change, 1/2X → 1/4X → 1/8X the normal speed.

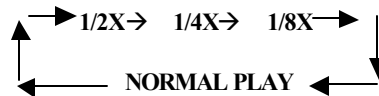


Figure 31. Slow Speed Disc Playback

5.9. OSD Setup

5.9.1. Speaker Setup

- 1.If the PAV-8000D output is set to 6CH mode.
2. Press “SETUP“ to enter menu setting;
- 3.Select “SPEAKER SETUP“ and press Left to enter “SPEAKER SETUP”
- 4.Set Center and Surround speakers (ON).
- 5.Set delay time of Center and Surround Speakers
- 6.Exit “SPEAKER SETUP“ Menu.

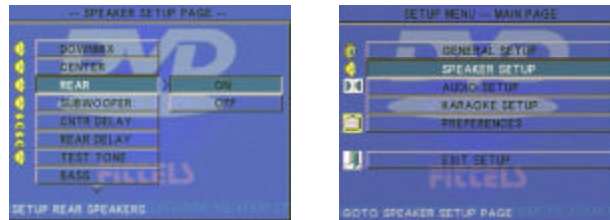


Figure 32. System Speaker Setup Screens



Figure 33. System Speaker Setup Screens

5.9.2. Setup TV Display

Select “GENERAL“ setup and then press “ENTER“. Highlight “TV DISPLAY“ and press left to enter the TV Display settings, which contains options that can be chosen and/or configured. To choose from the listed options, press the [▲] or [▼] direction buttons to highlight a selected option, then press “ENTER“ to confirm.

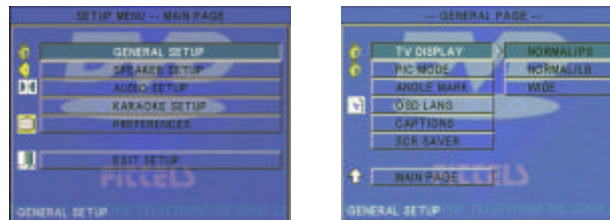


Figure 34. System General Setup Screens

5.9.3. Setting the Menu Language

Following the above-mentioned operation, press the “OSD LANG“ to select menu language (this system includes English and Chinese), then press “ENTER“ to confirm.



Figure 35. Select On Screen Display Language Screen

5.9.4. Selecting the Audio Language

Discs can support different audio languages. You can select the audio language by entering the "AUDIO" setting on the "PREFERENCE PAGE" on the Main Menu. Pressing the stop button 2X during the normal playback of a disc will allow access to the "PREFERENCE PAGE". During playback of a disc, press the "AUDIO" button on the Remote Control to choose from the available audio languages.



Figure 36. Menu Language Screen

5.9.5. Selecting a Subtitle Language

Setting the subtitle language is done through "SUBTITLE" on the "PREFERENCE PAGE" if the chosen disc supports this operation. During playback, press the "SUBTITLE" to choose from the subtitle languages listed, press the [▲] or [▼] direction buttons to highlight a selected subtitle language, then press "ENTER" to confirm.



Figure 37. Preferred Subtitle Language Screen

5.9.6. Selecting a TV Type

Setting the Video system type is done through "TV TYPE" on the "PREFERENCE PAGE". There are 3 options in "TV TYPE" (MULTI, NTSC and PAL). Select the Video system type according to the actual TV in use and then press the "ENTER" button to confirm. The setting will be changed after exiting the setting mode.

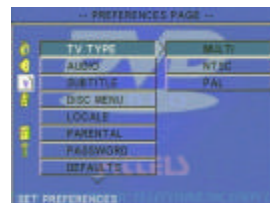


Figure 38. Select TV Type Screen

5.9.7. Setting the PARENTAL Preference

Setting the Parental Preference is done through "PARENTAL" on the "PREFERENCE PAGE". Select the parental level you desire using UP/DOWN for discs with lock-out function or multiple rating levels. It is listed from the lowest level (1 Child) to the highest level (8 Adult). Press 'ENTER' to enter the Password Verify Page.



Figure 39. PARENTAL Preference Screen Display

5.9.8. Setting the Password

Setting the Password is done through "PASSWORD" on the "PREFERENCE PAGE". Press "ENTER" to enter the Password Change Page. Input the Old Password or the Default Password, the New Password, and the Confirmed New Password. Press "ENTER" to confirm the change. **NOTE:** The Factory Default Password is: 3308.



Figure 40. Change Password Screen

5.10. Audio CD / MP3 and CDC hanger (CDC) Operation

The PAV-8000D is compatible with AUDIOVOX SP-11CD and SP-6CD CD Changers.

MP3 Operation

MP3 discs usually contain a mix of files with multiple sub-directories of MP3 files. When a MP3 disc is inserted, the PAV-8000D will automatically search all directories that contain MP3 files and use the format of TRACK to mark them. All directories that contain MP3 files will be displayed as TRACKS in the order/level that they are structured on the CD. Each TRACK will use one or more pages (screens) to display the names of the MP3 files contained in that TRACK. Up to 8 MP3 files can be displayed on one page, additional MP3 files within the same TRACK will be displayed on the following page(s). Only the first 8 letters of TRACK/MP3 title will be displayed.

5.10.1. Switching Modes

Press the "MODE" (15) button to switch between available modes (mode switching sequence: RADIO→DVD→CDC→RADIO). If there is no disc inside the PAV-8000D the "DVD" mode is bypassed. The same is true if there is no CDC connected to PAV-8000D system the "CDC" mode is bypassed.



Figure 41. Mode Button (MODE)

5.10.2. Pause and Playback

When a disc is in playback mode, Press the [||] button (14) to pause the playback of the disc. To Press the [||] button (14) again to restart playback of the disc.



Figure 42. Pause Button (11)

5.10.3. Selecting Discs (CDC Only)

To select the PREVIOUS disc from the available discs in the CDC, Press the [1/DISC-] button (8). If there are no other discs in the CDC, this function will return to the current disc.



Figure 43. Previous Disc Select (1/DISC-)

To select the NEXT disc from the available discs in the CDC, Press the [1/DISC+] button (9). If there are no other discs in the CDC, this function will return to the current disc.



Figure 44. Next Disc Select (1/DISC+)

5.10.4. Random / Scan

Press the [3/P.MODE] button (10) to switch between RANDOM → SCAN and NORMAL Playback.

- **RANDOM** playback mode: Press the [3/P.MODE] button (10) once to enter “RANDOM”, which will play the tracks on the disc in random order.
CDC only: While in “RANDOM” mode, If the button is pressed a second time the system will begin to playback the tracks from all loaded discs randomly.
- **SCAN** mode: While in normal playback mode, press the [3/P.MODE] button (10) twice to enter “SCAN” mode, which will begin to scan each of the tracks on the disc for 10 seconds at a time.
CDC only: While in “SCAN” mode, If the button is pressed a second time the system will begin to scan all tracks from all loaded discs for 10 seconds at a time. When a desired Disc/Track is reached press the button once more to continue playback that track and end the scan function.

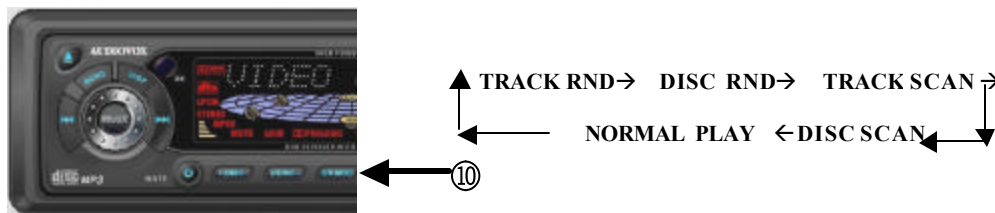


Figure 45. Random\Scan Button (3/P.MODE)

5.10.5. Repeat Play

Press the [5/REPT] button (15) to repeat the playback of the current track of the disc in play. If the button is pressed a second time, the system will repeat playback of the disc. Press the button a third time to cancel the repeat playback function.



Figure 46. Repeat Play Button

(5/REPT)

6. INSTALLING THE PAV-8000D SYSTEM

Before installing the PAV-8000D verify that the Radio antenna and speakers are operational and are performing well. Disconnect power supply cable from the connecting terminal of the vehicle's Battery.

CAUTION: When disconnecting the Battery Negative (-) Connecting Terminal, vehicles equipped with cruise equipment or a satellite navigator will lose all preset memory.

6.1. Front Panel Installation

6.1.1. Cautions During Installation











If possible, have qualified personnel install the PAV-8000D system.

The PAV-8000D system is intended for installation in vehicles with DC 12V Negative Ground battery systems.

Make all electrical/electronic connections as directed in this manual. Incorrect connection may damage the equipment and will void the warranty. Carefully read the Instruction Manual and Installation Specification before installation.

6.2. Accessories and Hardware

Table 2. Installation Hardware

No.	Item	Diagram	Quantity	No.	Item	Diagram	Quantity
1	Mounting sleeve		1	7	Front Panel Case		1
2	Hex bolt		1	8	Remote control		1
3	Rear Strap		1	9	Decorating Panel		1
4	Mounting screw		1	10	Battery		1
5	Bolt		1				
6	Power connector		1				

6.3. System Installation

6.3.1 Installation Procedure

1. Install the Mounting Bracket (1) by inserting the Bracket into dashboard and bend the mounting tabs outwards with a screwdriver so that the bracket is tight.

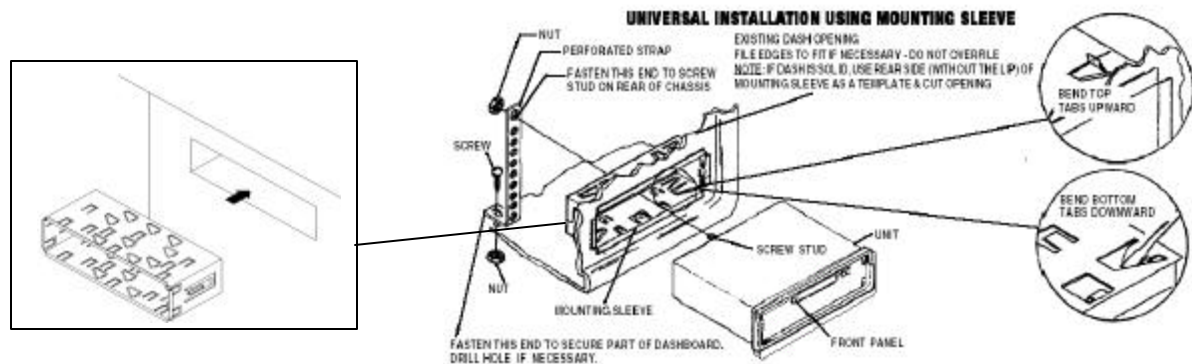


Figure 47. Mounting Bracket Installation

2. Install the PAV-8000D unit
 - a. Check that all connections are correct.
 - b. Install the mounting bolt (5).
 - c. Insert main connector (6) into the rear of the unit.
 - d. Insert the PAV-8000D unit into mounting Bracket (1) and gently push it in until it locks in -place (a “click” sound will be heard).
 - e. Use the following recommended method to anchor the rear of the PAV-8000D unit.
 1. Fasten one end of the Rear support Strap(3) to the rear of the PAV-8000D unit.
 2. Fasten the other end of the Rear support Strap (3) to the firewall or other sturdy non-moving metal parts of the vehicle.

6.3.2 Electric Connections

- Power supply for the unit is DC 12V negative (-) ground.
- Connect the unit according to the following wiring diagram to avoid damage.
- Do not insert in power supply connector before finishing connections.
- Do insulate any exposed cables.

Cables Connection

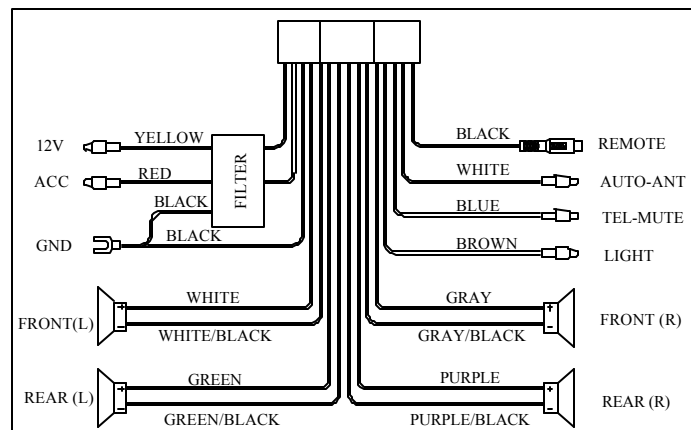


Figure 48. Cables Connection Diagram A

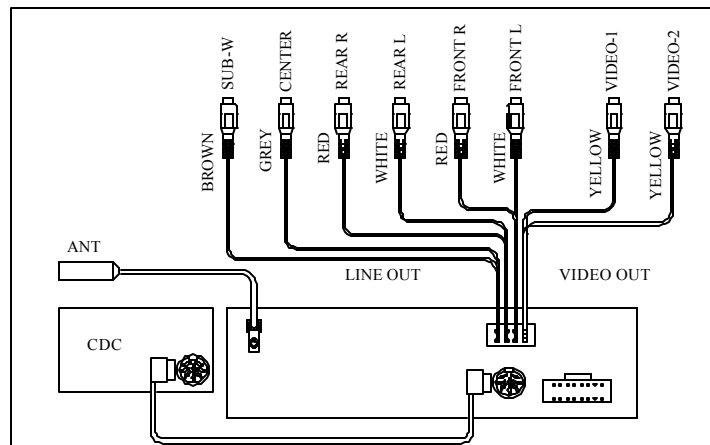


Figure 49. Cables Connection Diagram B

6.3.3 Speaker Connections

Table 3. Speaker Connections

	Left +	Left -	Right +	Right -
Front Speaker	B6 (white)	B89 (White with black stripe)	B5 (grey)	B7 (Grey with black stripe)
Rear Speaker	B12 (green)	B10 (Green with black stripe)	B11 (purple)	B9 (Purple with black stripe)

1. Battery Cable (Yellow)
 - Connect to CONSTANT DC 12V power supply.
2. ACC Cable ACC/Red
 - Connect to ACC (switched) power supply: Switched DC 12V.
3. Ground Cable Black
 - Connect to a clean and exposed part of car chassis.
4. TEL Muting Control Cable (Blue)
 - Connect to TEL muting control circuit.

Note: The audio output will be muted when ground is applied to the Tel Mute Wire.

General Notes:

1. Use only ungrounded speakers.
2. Power Handling of used speakers must be 40W or greater.
3. Speaker Impedance: 4Ω; Speakers with an incorrect impedance may affect output Power and damage speakers or this unit.
4. Do not use 3-cable speaker system and do not connect speakers to car body.
5. Speaker cables and power amplifiers must be about 30CM from antenna and antenna extended parts.
6. Connect speakers according to the following diagram. Incorrect connection will damage this unit or speakers.

Incorrect connection of Front and Rear speakers will damage equipment.

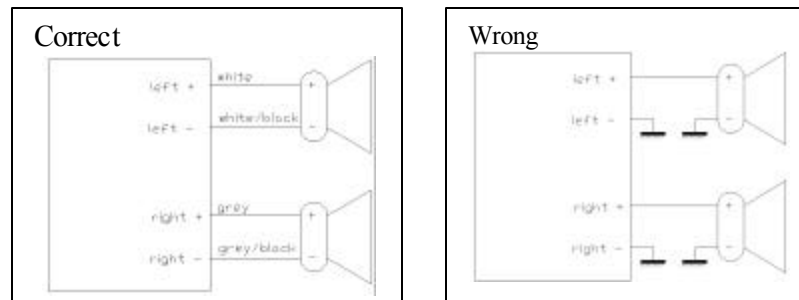


Figure 50. Speaker Connection Diagram A

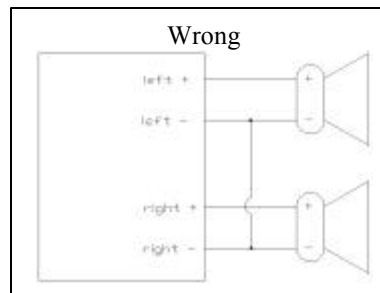


Figure 51. Incorrect Connection

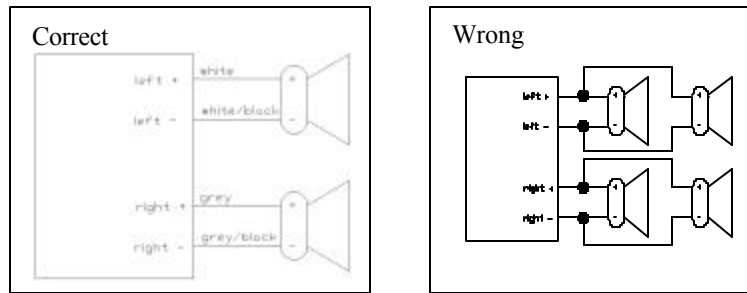


Figure 52. Speaker Connection Diagram B

6.3.4 Optional Power Amplifier Connection

Connect the Power Amplifier according to the following Connection Wiring Diagram. Incorrect connection will cause damage the Speakers.

Wiring Diagram for Power Amplifier

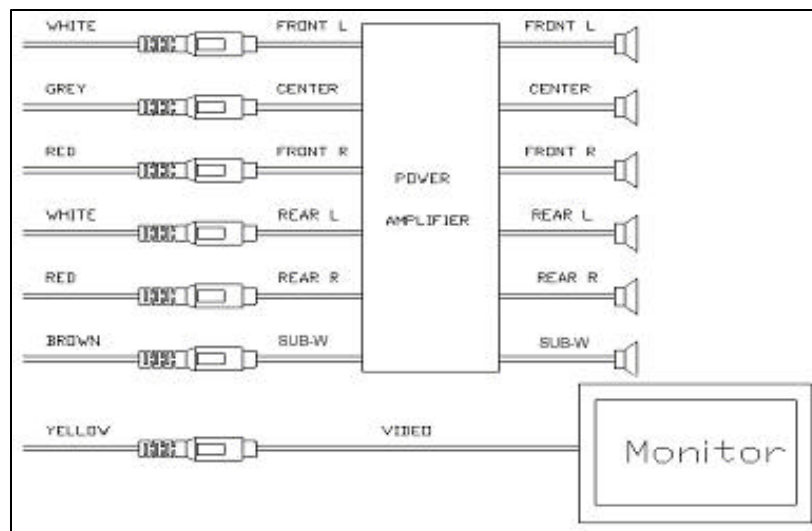


Figure 53. Wiring Diagram for Power Amplifier

6.3.5 Fuse

NOTE: Replace blown fuses with original values only.

WARNING! Replacing the 10A Fuse with any other value fuse or directly connecting the system to power without the use of a Fuse may result in Fire and/or Damage.

7. NOTES ON DISCS

1. How to hold disc
 - Do not touch the data side
 - Do not scratch the disc.
 - Do not bend the disc.
2. When not in use, put the disc away.
3. Do not use irregular shaped or deformed discs.
4. Do not leave the disc in/on:
 - Direct Sunlight
 - Near Car Heaters
 - Dirty, Dusty or Damp Areas.
 - Seats and Dashboards
5. Disc Cleaning
 - Use a dry and soft cloth to wipe from center to outward.
6. Cautions on New Discs
 - Remove the inner and outer rough edges on new discs which may cause malfunctions by gently rubbing the edge of the disc with a pencil,

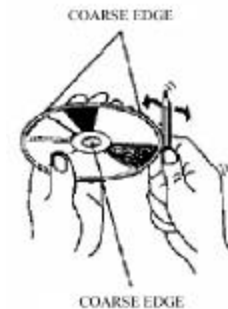


Figure 53. Rough Edges Removal

8. TROUBLESHOOTING

This troubleshooting guide is intended to help resolve some or all of the problems that typically occur. If you are unable to correct the problem using this Troubleshooting Guide then please contact a professional service center for service.

Table 4. Troubleshooting Table

No Sound	<ul style="list-style-type: none">• If the FF, FR, Search or Single-Frame functions are in use, the system is muted• Check if the power line is connected properly to a 12VDC source• Check if there is a mobile phone muting option that has somehow been engaged.• Check that the Audio Mute Button has not been pressed
No Picture	<ul style="list-style-type: none">• Check that all cables are connected properly• Check if the Video Monitor is connected, Powered ON, and the correct Input is selected.
Disc Does Not Play	<ul style="list-style-type: none">• Check if the disc is inserted, and if the disc is inserted correctly (Label must face up).• Check if the disc is damaged• Check if the disc is wet

9. SPECIFICATION

Audio

Audio Output Digital):	0.5V,75.
S/N Ratio	80dB
Dynamic Range:	80dB
Output power	40W
Distortion	0.05%

Video

Video Output	1Vpp,75.
Horizontal Definition	500

Power

Supply power voltage	10.8~16VDC
----------------------	------------

FM Tuner

Frequency range	87.5~108MHz
Residual Noise Sensitivity(S/N 3dB)	12dB u
Frequency Response:	55Hz~10KHz
S/N Ratio	50dB
Antenna Impedance	50.

AM Tuner

Frequency Range	530KHz~1720KHz
Residual Noise Sensitivity(S/N 20dB)	35dBu
S.N Ratio	40dB
Antenna Impedance	50O

NOTE: Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are Trademarks of Dolby Laboratories.

WARRANTY



12 MONTH LIMITED WARRANTY

Applies to Audiovox Video Products

AUDIOVOX ELECTRONICS CORPORATION (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 12 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 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.

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