AUDIOVOX

DVD3200
Installation and Owner's Manual

Contents

WARNING

RISK OF ELECTRICAL
SHOCK, DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF
ELECTRICAL SHOCK, DO NOT REMOVE
COVER (OR BACK). NO USER
SERVICEABLE PARTS INSIDE. REFER
SERVICING TO QUALIFIED SERVICE
PERSONNEL.

The lightning flash with the arrowhead symbol,
within an equilateral triangle, is intended to alert the
user to the presence of uninsulated "dangerous
voltage" within the product's enclosure that may be
of sufficient magnitude to constitute a electric
shock to persons.

The exclamation point within an equilateral triangle
is intended to alert the user to the presence of
important operating and maintenance (servicing)
instructions in the literature accompanying the
appliance.

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Safety Instructions

1. **Read Instructions** - Read all safety and operating instructions before operating the DVD player.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the DVD player and in the operating instructions should be followed.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Water and Moisture** - The DVD player should not be used near water or in a damp environment.
6. **Ventilation** - The DVD player should be mounted such that it's location or position does not interfere with it's proper ventilation.
7. **Power Sources** - The DVD player should only be connected to a power supply of the type described in the operating instructions.
8. **Grounding or Polarization** - Precautions should be taken so that the grounding or polarization means of the player are not defeated.
9. **Object and Liquid Entry** - Never push objects of any kind into openings as they may touch dangerous voltage points and short out the DVD player. Never spill liquid of any kind into the DVD player.
10. **Damage Requiring Service** - The DVD player should be serviced by qualified service personnel when:
    A: Objects have fallen into the DVD player or liquid has been spilled into the DVD player.
    B: The player does not appear to operate normally or exhibits a marked change in performance.
    C: The DVD player has been dropped or the cabinet has been damaged.
11. **Servicing** - The user should not attempt to service the DVD player beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

For Customer use:
Enter the serial number which is located on the rear of the DVD3200 cabinet.
Retain this information for future use.

Model No._____

Serial No._____

Introduction

Congratulations on your purchase of an Audiovox DVD3200! Your DVD-Video player is a Player for digital video discs conforming to the universal DVD Video standard. With it, you will be able to Enjoy full-length movies with true cinema picture quality, and stereo sound. The unique features of DVD
-Video, such as selection of soundtrack and subtitle languages, and of different camera angles (depending on the disc), are all included. You will find your player easy to use, by way of the On Screen Display, in combination with the remote control, as well as the main faceplate controls. It is important to note that CD-R, and CD-RW discs must be FINALIZED before they can be played on this player. The disc types which run on the player, feature one or more of these logos on the disc
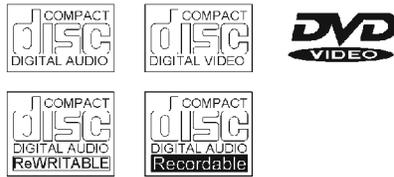
DVD- Video

DVD has brought about a true revolution in video quality. The wonders of DVD-Video are possible due to the use of the latest state-of-the-art MPEG2 data compression that enables an entire movie to be put on a single 5-inch disc. The complex MPEG2 technology captures even the most complex pictures in all of their original glory. Technically, DVD-Video provides crystal clear digital pictures with a high resolution of over 500 lines and 720 pixels (picture elements) to each line! This is more than double the resolution of VHS, better than Laser Discs, and is the closest match to the digital masters made in the recording studios! DVD-Video is poised to be the universal video system of the future, offering optimal viewing quality on any TV screen.

Unpacking

First, check and identify the contents of your DVD3200 player package, as listed below:
- DVD-Video Player
- DIN Plug Power Harness
- Power Harness Extension
- DIN Sleeve
- 6' Stereo Audio/Video RCA Cable
- Mounting Strap
- Accessory Kit
- DIN Sleeve Removal Tools
- Stand-Alone Remote Control with Batteries

If any of these items should be damaged or missing, please inform your supplier without delay. Please keep all packaging materials, as you might need to transport your player in the future.

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Installation-DVD3200

This unit is designed for installation in vehicle cabs with an existing radio opening. In many cases, a special installation kit will be required to mount the DVD3200 to the dashboard. These kits are available at electronics supply stores and car stereo specialist shops. Always check the kit application before purchasing to make sure the kit works with your vehicle.

Universal Installation Procedure Using DIN Mounting Sleeves**:**
1) Slide the mounting sleeve off of the chassis. If it is locked into position, remove the end caps and use the removal tools (supplied) to disengage it.
2) Check the dashboard opening size by sliding the mounting sleeve into it. If the opening is not large enough, carefully cut or file as necessary until the sleeve easily slides into the opening. Do not force the sleeve into the opening or cause it to bend or bow. Check that there is sufficient space behind the dashboard for the DVD player chassis. Wire prior to actually installing the sleeve. (See Figure 10 on page 15) Wiring the DIN power harness assembly should take place after hole size is confirmed. Mount sleeve after wiring.
3) Locate the series of bend tabs along the top, bottom, and sides of mounting sleeve. With the sleeve fully inserted into the dash opening, bend as many tabs as necessary so that the sleeve is firmly secured to the dashboard.

Figure 1
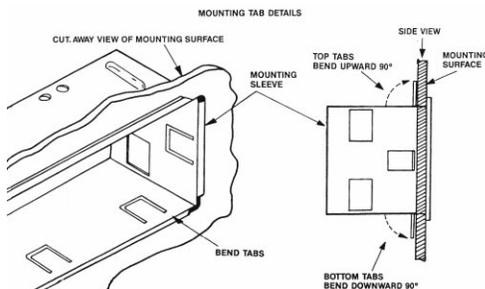
4) Follow the wiring diagram carefully, (See Figure 10 on page 15) and make certain all connections of the wiring harness are properly secured and insulated to ensure proper operation of this unit. After completing the wiring connections, turn the unit on to confirm operation (ignition switch must be "ON"). If unit does not operate, recheck all wiring until problem is corrected. Once proper operation is achieved, turn off ignition switch and proceed with final mounting of the chassis.
5) Carefully slide the DVD player into the mounting sleeve, making sure it is right-side-up until fully seated, and that the spring clips lock it into place.
6) Attach one end of the DIN mounting strap (supplied) to the screw stud on the rear chassis using the flange nut provided (See Figure 2 on page 6). Fasten the other end of the DIN mounting strap to a secure part of the dashboard, either above or below the DVD player using the screw and flange nut provided. Bend strap to position as necessary.
CAUTION: The rear of the DVD player **MUST** be supported with the strap to prevent damage to the dashboard from the weight of the DVD player or improper operation due to vehicle vibration.

Installation Using Kits:

1) If your vehicle requires the use of an installation kit to mount this DVD player, follow the instructions included with the installation kit to attach the DVD player to the mounting plate supplied with the kit.

2) Wire and test the DVD player as described in step 4 on page 5.

3) Install the DVD player / mounting plate assembly to the sub-dash according to the instructions of the installation kit.

4) Attach the DVD player support strap to the player and the dashboard as described in step 6 on page 5.

5) Replace the dashboard trim panel.
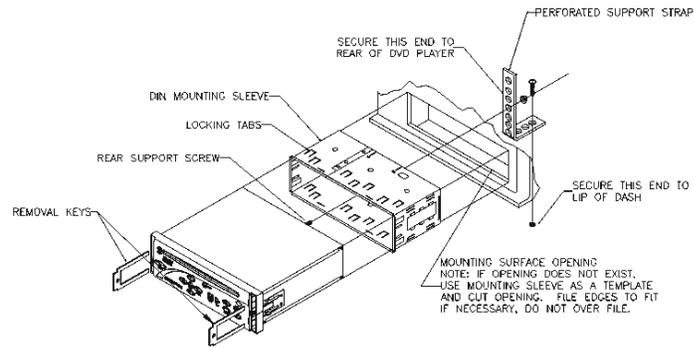
Figure 2

Front Panel Controls:
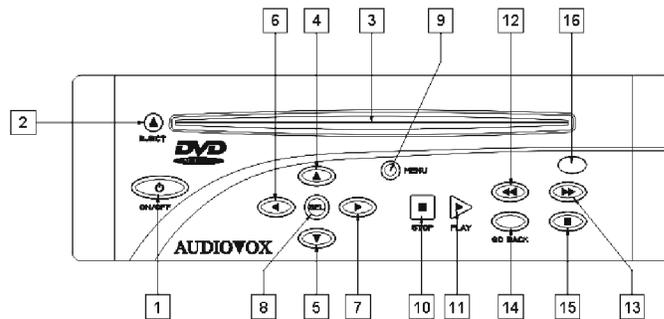
Figure 3

1) **POWER:** Press this button to turn the power on and off.

2) **EJECT:** DVD disc is stopped and ejected by pressing this button. If the DVD disc is not removed from the disc slot within 10 seconds of being ejected, It will automatically be reloaded into the unit to prevent It from being accidentally damaged. Once reloaded, the DVD program will start from the begining and proceed to the chapter list diaplay.

3) **DISC OPENING:** With the label surface up, gently insert the disc into the slot until the soft loading mechanism engages and the DVD disc play begins. A DVD disc can be loaded into the player even if the DVD player is turned off. If the ignition switch is turned off, press the DVD eject (2), to activate the loading mechanism. Once reloaded, the DVD program will start from the beginning and proceed to the next chapter list display.

NOTE: The unit Is designed for standard 5" (12cm) DVD's, digital audio discs or compact discs only. Do not attempt to use 3" (8cm) CD-singles In this unit either with or without an adapter, as damage to the DVD player and/ or disc damage can occur. Such damage Is not covered by warranty on this product.

4) **UP CURSOR:** Used to navigate through OSD (On Screen Display) menus. In play mode will also pause DVD play.

5) **DOWN CURSOR:** Used to navigate through the OSD (On Screen Display) menus. In playmode will also enable you to view DVD in slow motion.

6) **LEFT CURSOR:** Used to navigate through the OSD (On Screen Display) menus. In play mode will also fast reverse DVD play.

7) **RIGHT CURSOR:** Used to navigate through the OSD (On Screen Display) menus. In play mode will also fast forward 4X.

8) **SELECT:** This button is used to choose the highlighted selection from the OSD menu. (If the high-lighted selections are numbered, the appropriate number key on the remote may be used.)

9) **MENU:** Select this button to access the DVD menus. Titles and chapters may be included on the DVD OSD menu along with Camera Angles, Spoken language, and Sub-title options. To remove the OSD menu press the menu button again.

10) **STOP:** Pressing this button will stop play of the DVD disc.

11) **PLAY:** Pressing this button will start play of the DVD disc.

12) **PREVIOUS / FAST REVERSE:** Pressing this button will shift the play to the previous chapter.

13) **NEXT / FAST FORWARD:** Pressing this button will skip forward to the next chapter.

14) **GO BACK:** If pressed in the OSD menu mode this button will return you to the previous screen. This works the same as the RETURN on the remote control.

15) **PAUSE:** If pressed, this button will temporarily stop play of the DVD on the frame of play you are watching. Pressing this button again will step frame by frame. Pressing PLAY resumes play.

16) **INFRARED SENSOR EYE:** This eye picks up the IR signal from the remote. A blocked "eye" will not allow the remote to function properly.

Rear Panel Connections:
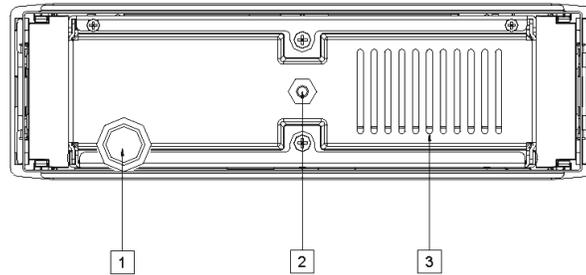
Figure 4

1) **DIN POWER PIGTAIL:** Will connect via harness to the vehicle power system.

2) **M5 MOUNTING BOLT:** Used to support the DVD player weight (with support strap attached) and enable proper playing conditions under vehicle vibration.

3) **VENTILATION SLOTS:** Allows for cooling of inside electrical components.

CAUTION: DO NOT INSERT OBJECTS INTO THE VENTILATION SLOTS. THIS COULD CAUSE DAMAGE TO THE DVD PLAYER MECHANISM OR ELECTRICAL SHOCK.

Stand-Alone DVD Remote Control Function: (Figure 6)

1) **OSD:** (On Screen Display) This button turns the on screen display on and off.
2) **ANGLE:** If the DVD disc contains sequences recorded from different camera angles, pressing this button causes the angle icon to appear and show you the number of camera angles available and show allows you to change the angle if you wish.
3) **SUBTITLE:** This button controls the language selector and allows you to choose whether subtitles are able to be viewed or not.
4) **AUDIO:** This button allows you to select the language you prefer from the menu.
5) **0-9:** These numeric keys allow you to directly enter the highlighted menu chapter, or track selection.
6) **T-C:** This button is the mode selector for the Title / Chapter.
7) **MENU:** Pressing this button will enable the user to select the DVD defined menu.
8) **OK:** Use this button to acknowledge the highlighted menu selection.
9) ▲ : Use this icon to navigate through the menu selections. In play mode will also pause play.
10) ◄ : Use this icon to navigate the menu selections. In play mode this button will also fast reverse.
11) ► : Use this icon to navigate the menu selections. In play mode this button will also fast forward 4X.
12) ▼: Use this button to navigate the menu selections. In play mode this button will also allow the DVD play o be viewed in slow motion.
13) |◄/◄◄ :Pressing this button will select the previous chapter.
14) ►►/►| : Pressing this button will select the next chapter.
15) ‖ : Pressing this button will pause the DVD play. Pressing pause again will step through the sequence frame by frame.
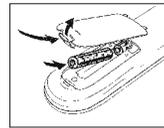
Figure 5
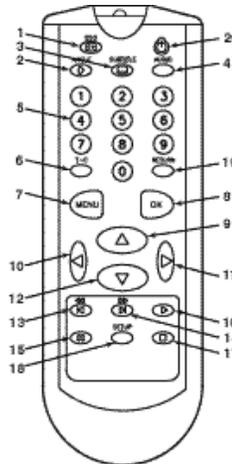
Figure 6

Stand-Alone DVD Remote Control Function: con't.

13) ▶ : Pressing this button will start the DVD play.
    Another press will resume play at the point at
    which the DVD was stopped.

14) ■ : Pressing this button will stop the DVD play.

15) **SETUP:** With a disc inserted in the DVD player,
    in stop mode this button will allow you to select
    player settings such as aspect ratio, etc.

16) **RETURN:** This button will allow you to go back
    one menu step.

17) ⏻ : Pressing this button will turn the DVD player
    on or set the player on standby.
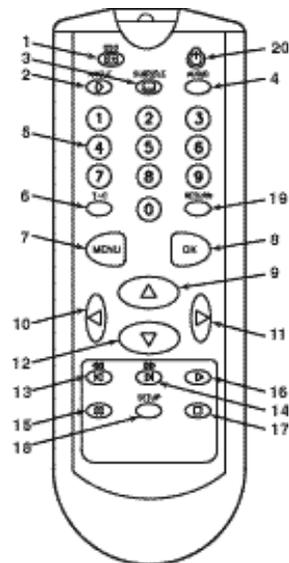
Figure 6

Standard Connections:

GENERAL NOTE: Do not connect the composite video output of your DVD3200 via your VCR. The video quality could be distorted by the copy protection system.

1) Connect the DIN power input harness with extension into the DIN pigtail on the back of the chassis. This harness has provisions for audio (left and right) and video output as well as input power and a 2-pin wired infrared connection.

2) Connect the green with white stripe wire of the power harness extension to the battery of the vehicle. The orange with white stripe wire of the power harness extension should be connected to the ignition or switched 12V.

NOTE: A "noisy" power supply can degrade the performance of your DVD player. Please take steps to ensure that the unit is connected to a power supply that does not have excessive ripple on it.

3) Connect the composite video output of the DVD player (yellow RCA) to the selected video output.

4) Connect the line level audio outputs (left and right) to the corresponding line level audio inputs on the desired audio amplification device.

Figure 10

11
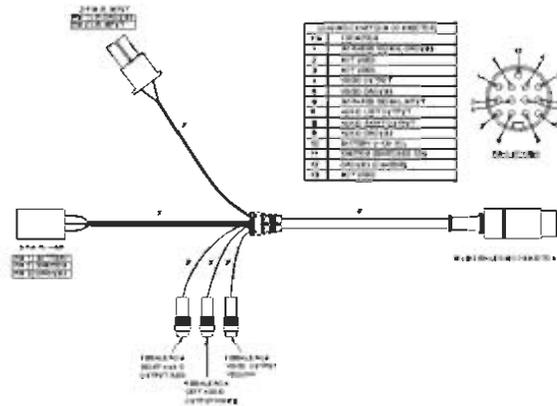
Getting Started

Loading a Disc
1) Insert the DVD disc into the front slot on the DVD3200.
2) Make sure that you insert the disc with the label side up.
3) The disc should begin playing, if power is available to the DVD player, even though the player is of initially off. If the DVD player is off but power is available, the player will automatically turn on when the disc is inserted.

Playing a DVD-Video Disc

You will recognize DVD-Video discs by the logo. Depending on the material on the disc (a movie, video clips, a drama series, etc.) These discs may have one or more Titles, and each Title may have one or more Chapters. Play stops at the end of each Title. To make access easy and convenient, your player lets you move between Titles and also between Chapters.
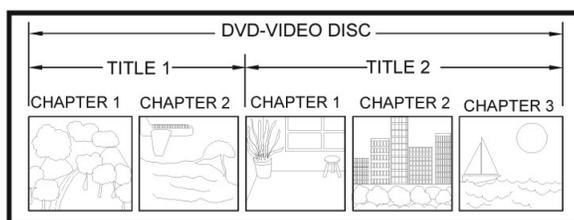
NOTE: During play, various icons will appear on the TV screen for about 2 seconds to confirm that a function has been selected. You can get rid of these icons by pressing the OSD key on the remote. At any time during play, you can press OSD to call up the Play Banner, which shows you which functions are active, for about 2 seconds. To keep the Play Banner on the screen, hold OSD for a couple of seconds.   To get rid of the Play Banner, press the OSD again.

DVD Icon List:

Icon	Description
▶	Play
❙❙	Pause
■	Stop
▶▶4 ▶▶▶	Search Forward
◀◀4 ◀◀◀	Search Backward
▶1:2 ▶1:4 ▶1:8	Slow Forward
A-	A-B Repeat Start
A-B	A-B Repeat
⟲	Repeat Disc
⟲T	Repeat Title
⟲C	Repeat Chapter
chapter shuffle	Chapter Shuffle
TITLE 02	Title Indication
CHAPT 004	Chapter Indication
✕	Disable Function
▷7	Angle
▷1	No Alternate Angle
no	Subtitle Language
AUDIO ENG	Audio Language
MPEG 2 ch	Audio System
1:24:59	Remaining Time of Title
7:59	Elapsed Time
▷	Resume
2:48:49	Total Time

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Audio CD Icon List:

▶	....Play
⏸	....Pause
⏹	....Stop
▶▶4 ▶▶▶	....Search Forward
◀◀4 ◀◀◀	....Search Backward
▶1:2 ▶1:4 ▶1:8	....Slow Forward
A-	....A-B Repeat Start
A-B	....A-B Repeat
⟳	....Repeat Disc
⟳1	....Repeat Track
chapter shuffle	....Shuffle
TRACK 02	....Track Indication
INDEX 004	....Index Indication
1:24:59	....Remaining Time of Title
7:59	....Elapsed Time
2:48:59	....Total Time
1	....Ejecting
2	....Eject
3	....Inserting
4	....Reading

DVD Operation

Playing a Title

Play starts when you insert a disc into the DVD player. If the disc is in a stopped state, press ▶ on the front faceplate or the remote. The disc may invite you to select an item from a menu. If the selections are numbered, press the appropriate numerical key; if not, use the ⊖⊖⊕⊕ keys to highlight your selection, and press OK. Play will stop at the end of the Title, this can result in return to the menu. To go on to the next Title, press ▶. To stop play at any other time, press Stop. You can resume play from the point at which you stopped. Press ▶ when you see the ▶ icon on the screen.

➔ The ▶I feature applies, not only to the disc in the player, but also to the last four discs you have played.

➔ Simply reload the disc, press ▶ if the disc has been stopped, and when you see the ▶ icon on the screen, press ▶ again.

Moving to Another Chapter

When a title on a disc has more than one chapter, you can move to another chapter as follows:

Press ▶I briefly during play to step forward to the next chapter.

Press I◀ briefly during play to return to the beginning of the current chapter. Press I◀ briefly again to step back to the previous chapter.

To go directly to any chapter, enter the chapter number using the numerical keys (0-9).

NOTE: If the number has more than one digit, press the numbers in rapid succession. For more information about chapters, see "Checking the contents of DVD-Video discs: Menus".

Moving to Another Title

When a disc has more than one title (which you can see from the OSD), you can move to another title as follows:

Press T-C, then press ▶I briefly during play to step forward to the next Title.

Press T-C, then press I◀ briefly during play to return to the beginning of the current title.

Press I◀ briefly again to step back to the previous title.

To go directly to any title, press T-C, then enter the title number using the numerical keys.

NOTE: If the number has more than one digit, press the numerical (0-9) keys in rapid succession. For more information about chapters, see "Checking the contents of DVD-Video discs: Menus".

Subtitles

When subtitles are available on a disc, you can turn them on by holding ⬚ down during play until the subtitles appear.
To step through the languages option, press ⬚ repeatedly.
To turn the subtitles off, hold ⬚ down (1 second) again.

Checking the Contents of DVD-Video Discs: Menus

For titles and chapters, selection menus may be included on the disc. The DVD's menu feature allows you to make selections from the menus. Press the appropriate numerical key; or use the ◁▷◇◇ keys to highlight your selection, and press OK.

Press MENU.
➜ If the present title has a root menu, this now appears on the OSD.
The root menu can list camera angles, spoken language and subtitle options, and chapters for the title.
To remove the root menu, press MENU again.
Press T-C followed by MENU.
➜ If the disc has a title menu, this now appears on the OSD.
To remove the title menu, press T-C again.

Still Picture and Step Frame

To get a still picture, press ‖ during play.
To step forward to the next picture frame, press ‖ again.
To return to play, press ▶ .

Playing a Video CD

You will recognize Video CD 's by the logo. Depending on the material on a disc (a movie, video clips, a drama series, etc) these discs may have one or more tracks, and tracks may have one or more indexes, as indicated on the disc case. To make access easy and convenient, your player lets you move between tracks, and between indexes.

```
   COMPACT
 ⌐┌─┐┌─┐┌─┐
 │disc│
 └─┘└─┘└─┘
 DIGITAL VIDEO
```

Some Video CD 's have Play Back Control (PBC) which is a predefined playback sequence stored on the disc.

NOTE: During play, various icons will appear on the TV screen for about 2 seconds to confirm that a function has been selected. You can get rid of the icon by pressing OSD. At any time during play, you can press OSD to call up the Play Banner, which shows you which functions are active, for about 2 seconds. To keep the Play Banner on the screen, hold down OSD for a couple of seconds. To get rid of the Play Banner, press OSD again.

Moving to Another Index

When a track has more than one index (as indicated on the disc case), you can move to another index as follows:

Press ▶▌ briefly during play to step forward to the next index.

Press ▌◀ briefly during play to return to the beginning of the current index. Press ▌◀ briefly again to step back to the previous index.

To go directly to any index, enter the index number using the numerical keys (0-9).

NOTE: If the number has more than one digit, press the numerical (0-9) keys in rapid succession.

Playback Control (PBC)

Load a Video CD with PBC and press ▶▌.

➜ The PBC menu appears on the TV screen. (This will be different for different discs).

Go through the menu with the keys indicated on the TV screen until your chosen passage starts to play. If a PBC menu consists of a list of titles, you can select a title directly.

Enter your choice with the ▶▌, ▌◀ or numerical keys (0-9).

Press the ▶ to start playback of the title.

Press RETURN to go back to the previous menu.

PBC can be turned off in the setup menu

Camera Angle

If the disc contains sequences recorded from different camera angles, the angle icon appears showing the number of available angles, and the angle being shown. You can change the camera angle if you wish.

To get another angle, press ▷.

➜ The angle icon will show the next angle.

To go to any angle directly, enter the angle number using the numerical keys (0-9).

NOTE: The angle icon remains on the screen unless you turn off the angle feature.

To turn off the angle feature, press OSD ▯⊞ .

➜ The angle icon disappears.

To turn the angle feature on again, press ▷ again.

➜ The angle icon appears.

12 Minute Power-Off Delay

Your DVD player is designed to stay powered up for 12 minutes after the ignition is shut down. The user can still watch a movie after the vehicle is turned off, but not long enough to drain the battery.

The current scene will not be lost due to vehicle shut down. After the 12 minute delay, you can still eject an already inserted disc, or insert a disc. To insert a disc, simply press EJECT to "wake-up" the DVD unit and then the DVD will accept the disc.

Video Search

To search forwards or backwards through the disc at 4X normal speed, hold down ▶| or |◀ for about 1 second during play.
Search begins and sound is muted.
To step up to 32X normal speed, press down ▶| or |◀ again.
To go directly to 32X normal speed, hold down ▶| or |◀ until the ▶▶▶ or ◀◀◀ icon appears.
To return to 4X normal speed, press down ▶| or |◀ again.
➜ Search speed and direction are indicated on the screen for 2 seconds each time ▶|or |◀ is pressed.
To end the search, press ▶ or ‖ , or stop as desired.

Playing an Audio CD

Audio CD 's contain music tracks only. You will recognize CD 's by their logo. You can play them in conventional style using a stereo system, or via the TV using the OSD.
You can play audio CD 's using the OSD only, or using keys on the remote control.

Playing a Disc

Play starts as soon as the disc is inserted.
If the disc is in a stopped state, press ▶ .
➜ The disc starts to play; if the TV is on, the CD play screen appears on the OSD.

➜ Play will stop at the end of the disc. To stop play at any time press STOP.
You can resume play from the point at which you stopped. Press ▶ when you see the ▶ icon.
➜ The resume feature applies, not only to the disc in the player, but also to the last four discs you have played.
➜ Simply reload the disc, press ▶ if the disc has stopped, and when you see the ▶ icon on the screen, press ▶ again.

Favorite Track Selection

NOTE: Favorite track selection (FTS) is only available for audio discs and can only be complied with OSD on. To switch FTS on or off, refer to section on SETTINGS.

Compiling an FTS Program

On this player, FTS programs can be compiled by selecting the tracks you want to play ("Track Selection") or by excluding the tracks you do not want to play ("Excluding Tracks").
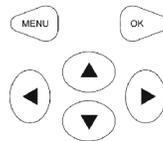
To Exclude tracks:
  1. Load a disc and go to Stop mode. Press ◁ .

2. Use the ⟨◀⟩ or ⟨▶⟩ key to move to the first track number you want to exclude.

3. Press the ⟨▼⟩ key.

4. Exclude further track numbers in the same way. If you change your mind, you can re-include any track number by moving back to it and pressing the ⟨▲⟩ key.

5. To clear your whole selection and start again, press stop on the DVD player or RETURN on the remote control.

When your FTS program is complete, press ▶ to start play, or RETURN to go back to STOP mode. In either case, the FTS program will be automatically memorized.

To select Tracks:

1. Load a disc and go to the STOP mode.

2. Press ⟨▶⟩ .

3. Use the ⟨◀⟩ or ⟨▶⟩ key to move to the first track you want to select.

4. Press the ⟨▲⟩ key.

5. Select further track numbers in the same way. If you change your mind, you can de-select the track numbers in reverse order by pressing the ⟨▲⟩ key as required.

6. To clear your whole selection and start again, press STOP on the DVD player or RETURN on the remote control.

When your FTS program is complete, press the ▶ to start play, or RETURN to go back to STOP mode. In either case, the FTS program will be automatically memorized.

NOTE: You can have a total of 100 FTS programmed discs. If you exceed that number, the least frequently played program(s) are automatically deleted.

Customizing DVD Play

Playing FTS

When Auto FTS is switched on and the disc is complied with FTS program, first press the ⊲ or ▷ to start the FTS program and then press ▶ to start playback of the FTS program.

Settings

In the settings menu, you can customize your player to suit your own particular requirements.

In stop mode:
➡ Press setup to obtain the Settings screen.

➡ Move to the function you want to change using (⟨▽⟩ / ⟨△⟩) then use (⟨◁⟩ / ⟨▷⟩) o scroll to your preferred option.

➡ To exit the settings menu, press RETURN or SETUP.

Audio

The sound will be in the language you choose provided this is available on the disc in play. If not, speech will revert to the first spoken language on the disc.

Subtitle

The subtitles will be in the language you choose provided this is available on the disc in play. If not subtitles will revert to the first subtitle language on the disc.

TV Shape

Factory setting is 4:3. You can choose Letterbox for a "wide-screen" picture with black bars top and bottom, or Pan Scan, for a full-height picture with the sides trimmed. If the disc has pan Scan, the picture then moves (scans) horizontally to keep the main action on the screen.

Optimal pictures on any TV screen

	Video format	Cinema format
Original material		
Material on disc	Pan & Scan	Squeezed (Anamorphic)
Viewing on 16:9		
Viewing on 4:3	Normal	Pan & Scan
		Letterbox
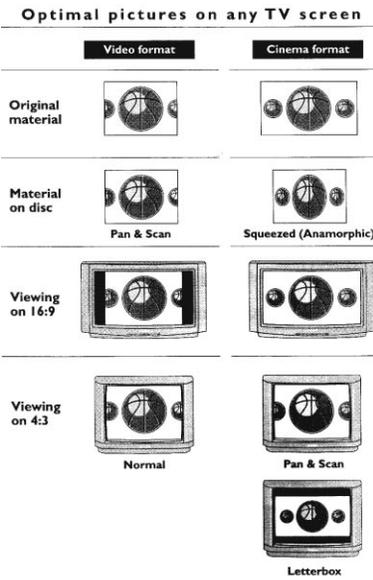
Auto Play

Factory setting On means that discs start to play automatically when loaded. Set to OFF if you prefer to start play manually. Setting not effective if disc contains auto play information.

Auto FTS

Factory setting ON means that when a disc with an FTS program (See "Compiling an FTS program") is loaded, the FTS program automatically starts to play. Set to OFF if you prefer to control FTS play manually.

Digital Output

Not available with this unit. Leave this setting on OFF.

Sound

This feature is not available with this unit. Leave this setting on OFF.

Video Shift

Factory setting is such that the video will be centered on your screen. Use this setting to personalize the position of the picture on your TV by scrolling it to the left or right.

OSD Language

The player's on-screen display will be in the language you choose.

Audio CD Search

To search forwards or backwards through the disc at 4X normal speed, hold down ▶| or |◀ for about 1 second during play.
➡ Search begins, and the sound is partially muted.
To step up to 8X normal speed, press ▶| or |◀ again.
➡ Search goes to 8X speed, and the sound is muted.
To go directly to 8X normal speed, hold down ◀◀ or ▶▶ again.
If the TV is on, search speed and direction are indicated on the screen each time ▶|or |◀ is pressed.
To end the search, press ▶, ‖ , or ■ as desired.

Troubleshooting

If it appears that the DVD3200 is faulty, first consult this checklist. It may be that something simple has been overlooked. **Under no circumstances should you try to repair the player yourself; as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.** Look for specific symptom(s). Then preform only the actions listed to remedy the specific symptom(s).

Symptom	Remedy
No Power	Check if backlighting behind on/off button on front of DVD3200 is illuminated. Check if DIN power harness is connected correctly.
No Picture	Check to see if the TV is switched on. Check the video connection.
Distorted Picture	Check the disc for fingerprints and clean with a soft cloth, wiping from the center to the outer edge. Sometimes a small amount of picture distortion may appear. This is not a malfunction.
Completely Distorted Picture/ Vertical Roll	If the picture is distorted completely or if the picture rolls vertically, your TV may be set up for PAL.
No Color in Picture	The disc format does not match the video signal of your TV (PAL/NTSC).
Disc can't be Played	Ensure the disc label is upwards. Clean the disc. Check if the disc is defective by trying another disc.
No Sound	Check audio connection. If using a Hi-Fi amplifier, try another sound source.
No Return to Start-Up Screen when Disc is Removed.	Reset by turning the player off , then on gain.
The Player does not Respond to the Remote Control	Aim the remote control directly at the sensor on the front of the player. Avoid all obstacles which may interfere with the signal path. Inspect or replace the batteries.
Buttons on the Front Faceplate do not Work	Turn the player off and then on with the power on/off button on the front of the player.
Delayed Play when Switching Discs	If play delays more than one minute, the player did not complete it's disc eject cycle. Push the STOP button to stop the playback, then wait for the "disc eject" display on the TV screen before pressing the EJECT button. The new disc should play within 10 seconds. .

Cleaning Discs

Some problems occur because the disc inside the player is dirty. To avoid these problems, clean your discs regularly, in the following way:

When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out with a cleaning cloth. After playing, store the disc in it's case.

CAUTION: Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for analog discs.
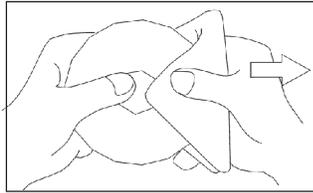
Specifications
Playback System

DVD-Video
Video CD
CD (CD-R and CD-RW)

Optical Read-out System

Type   Semiconductor last GaAIA's
Numerical Aperture   0.60 (DVD)
                              0.45 (VCD/CD)
Wave Length   650nm (DVD)
                              780nm (VCD/CD)

DVD Disc Format

Medium   Optical Disc
Diameter   (12cm) (8cm)
Playing Time   (12cm)
                              One layer   2.15 hours*
                              Dual layer   4 hours
                              Two side, single layer 4.30 hours
                              Two side, dual layer   8 hours

Video Output Format

Signal
                        Composite Video Output
Digital Compression   MPEG2 for DVD
                              MPEG1 for VCD

DVD	50Hz	60Hz
Horizontal Resolution	720 pixels**	720 pixels**
Vertical Resolution	576 lines**	480 lines**
VCD	50Hz	60Hz
Horizontal Resolution	720 pixels**	720 pixels**
Vertical Resolution	576 lines**	480 lines**

* Typical playing time for a movie with 2 spoken languages and three subtitle languages.
** Equivalent to 500 lines on your TV

Video Performance

Video Output   1Vp-p into 75 Ohm

150 Marcus Blvd.
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1-800-225-6074
www.audiovox.com