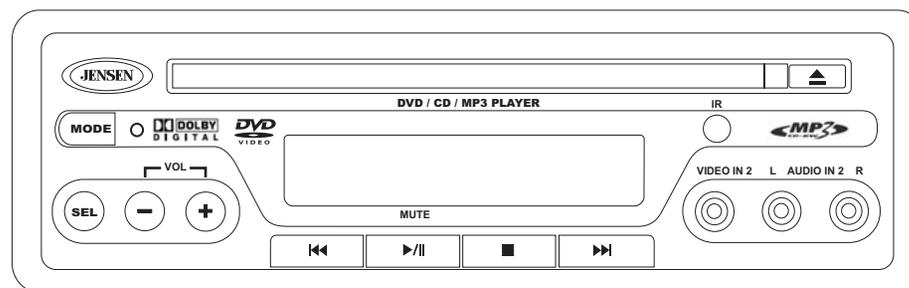




DV352 Owner's Manual



www.ASAElectronics.com

Thank You!

Thank you for choosing a JENSEN product. We've tried to make the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all of the features of your new JENSEN DV352 Mobile Multimedia DVD/CD/MP3 Player for maximum enjoyment.

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Introduction

Congratulations on your purchase of the JENSEN DV352 Mobile Multimedia DVD/CD/MP3 Player.

Features

- High temperature deck and OPU
- Slot type drive
- Front and rear AV jacks for system expansion
- Din size with mounting brackets included
- LCD display with blue back lighting
- Blue back lit buttons
- Dolby digital sound
- IR remote control included
- 12 volt operation
- Compatible with PAL and NTSC DVD (Video CD)
- Single LSI chip integrates all major DVD playback circuit functions including MPEG2 decoder, video D/A converter and audio decoders
- L/R stereo analog audio outputs for connection to existing head unit aux inputs
- Composite video output

Precautions

- **Use the Proper Power Supply.**
This product is designed to operate with a 12 volt DC, negative ground battery system (the regular system in a North American car).
- **Protect the Disc Mechanism.**
Avoid inserting any foreign objects into the slot of this player. Failure to observe this may cause malfunction due to the precise mechanism of this unit.
- **Use Authorized Service Centers.**
Do not attempt to disassemble or adjust this precision product; contact a professional for assistance.
- **Avoid Moisture.**
To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
- **Use Recommended Accessories:**
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.

CAUTION: *This mobile DVD player is a Class I laser product that uses a visible/invisible laser beam which could cause hazardous radiation exposure if improperly directed. Be sure to operate the mobile DVD player as instructed. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not attempt to repair the unit yourself. Refer servicing to qualified personnel.*

Preparation

It's a good idea to read all of the instructions before beginning the installation. We recommend having your JENSEN DV352 installed by a reputable installation shop.

Tools and Supplies

You will need these tools and supplies to install your DV352:

- Torx type, flat-head and Philips screwdrivers
- Wire cutters and strippers
- Tools to remove existing radio (screwdriver, socket wrench set or other tools)
- Electrical tape
- Crimping tool
- Volt meter/test light
- Crimp connections
- 18 gauge wire for power connections
- 16 – 18 gauge speaker wire

Disconnecting the Battery

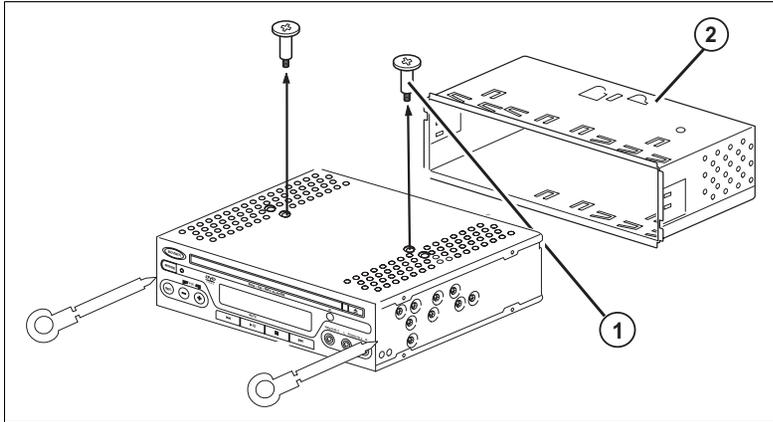
To prevent a short circuit, be sure to turn off the ignition and remove the negative (-) battery cable prior to installation.

NOTE: *If the DV352 is to be installed in a car equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution during installation to avoid causing a short circuit.*

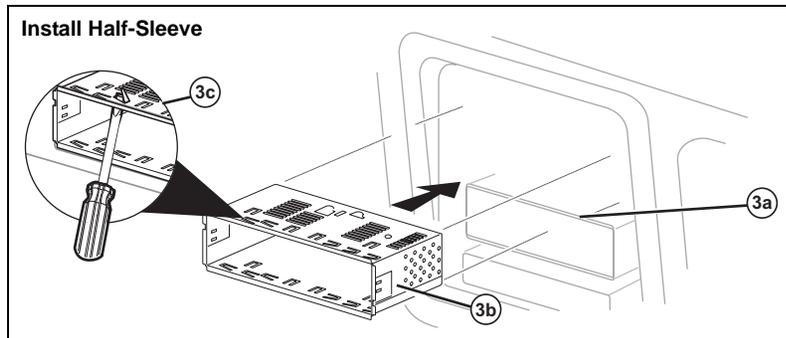
Installation

DIN Front-Mount Installation

1. Remove the transport screws.
2. Use the supplied release keys to remove the half-sleeve from the unit.



3. Install the half-sleeve.
 - a. Install adapter if necessary (optional).
 - b. Install half-sleeve into adapter or dashboard using the supplied screws. Do not force the sleeve into the opening or cause it to bend or bow.
 - c. Locate the series of bend tabs along the top, bottom and sides of the mounting sleeve. With the sleeve fully inserted into the dashboard opening, bend as many of the tabs outward as necessary to firmly secure the sleeve to the dashboard.



CAUTION! Be careful not to damage the car wiring.

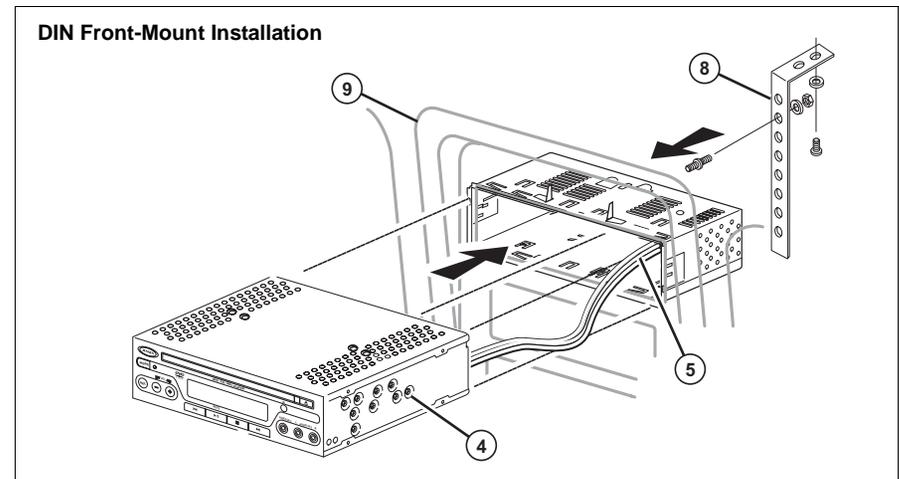
4. Place the unit in front of the dashboard opening so the wiring can be brought through the mounting sleeve.
5. Complete wiring connections (see "Wiring" on page 5).
6. After completing the wiring connections, turn the unit on to confirm operation (ignition switch must be on). If unit does not operate, recheck all wiring until problem is corrected. Once the unit is properly operating, turn off the ignition switch and proceed with final mounting of the chassis.
7. Carefully slide the DVD player into the half-sleeve making sure it is right-side-up until it is fully seated and the spring clips lock it into place.

NOTE: For proper operation of the CD/DVD player, the chassis must be mounted within 30° of horizontal. Make sure the unit is mounted within this limitation.

8. Attach one end of the perforated support strap (supplied) to the screw stud on the rear of the chassis using the hex nut provided. Fasten the other end of the perforated strap to a secure part of the dashboard either above or below the unit using the screw and hex nut provided. Bend the strap to position it as necessary.

CAUTION! The rear of the unit must be supported with the strap to prevent damage to the dashboard from the weight of the unit or improper operation due to vibration.

9. Replace any items you removed from the dashboard.



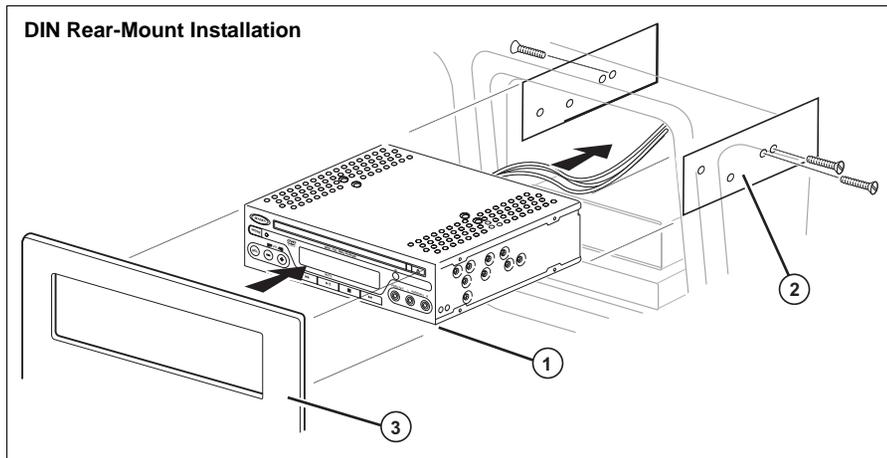
DIN Rear-Mount Installation

With some vehicles, you can use the screw holes located on both sides of the unit to fasten the unit to the factory radio mounting brackets supplied with your vehicle. To install this unit using factory mounting plates, perform the following steps:

1. Remove trim ring.

NOTE: The outer trim ring, sleeve and the metal strap are not used for DIN rear-mount installation.

2. Align the screw holes on the bracket with the screw holes on the unit, then tighten the screws (5x5mm) on each side.
3. Reinstall the dash panel.

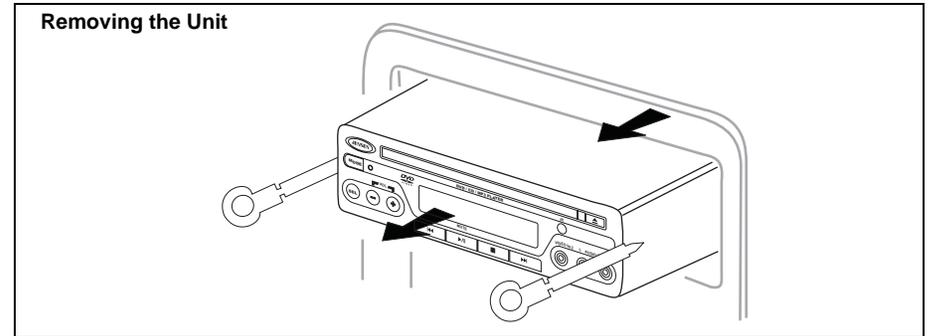


Reconnecting the Battery

When wiring is complete, reconnect the battery negative terminal.

Removing the Unit

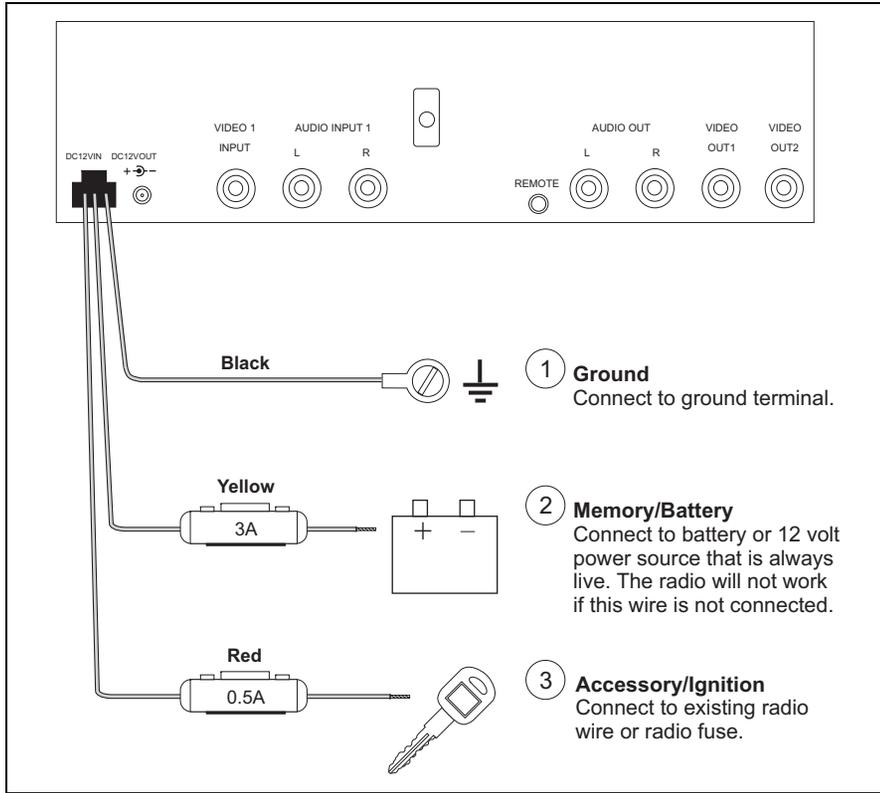
1. Make sure the ignition is turned off, then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).
3. Lift the top of the outer trim ring then pull it out to remove it.
4. Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard.



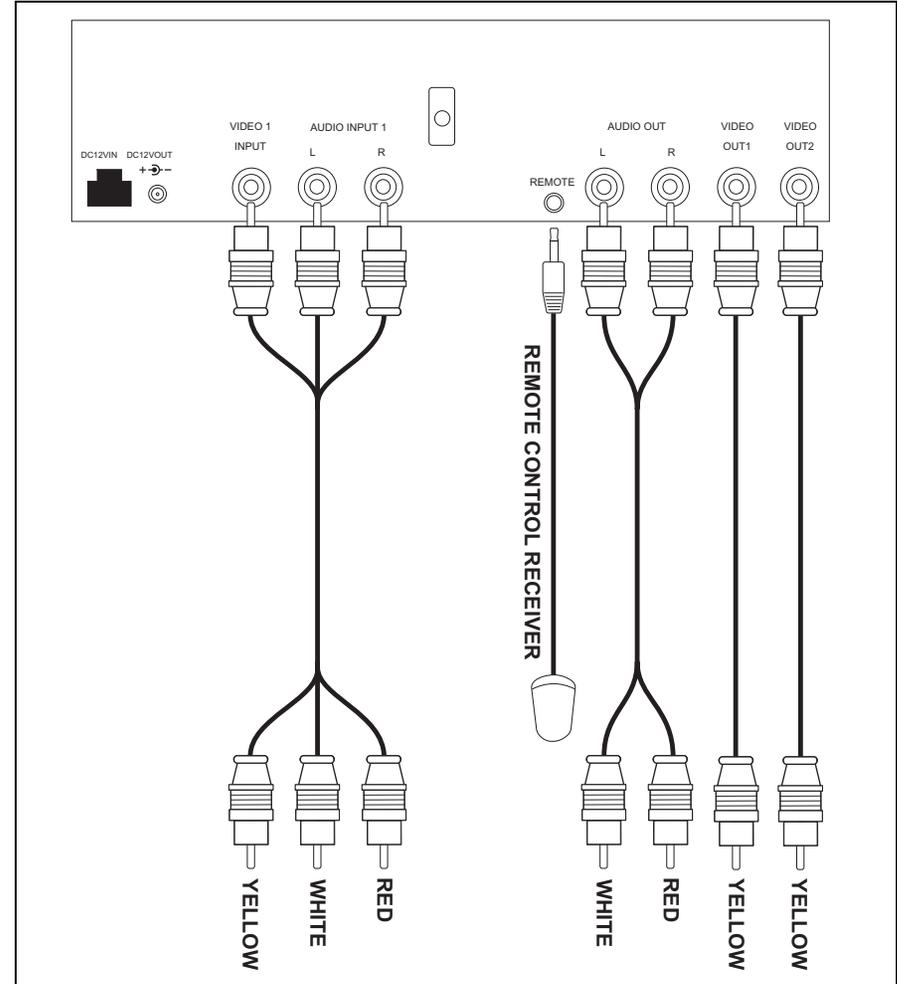
Wiring

Power Connections

1. **GROUND WIRE** (black) – Securely fasten the Ground wire to a grounded metal part of the car’s chassis. If you cannot find an existing bolt or screw to fasten it to, drill a hole in the metal and secure it with a screw. To ensure a good ground, remove any paint or grease from areas where the wire will contact the surface.
2. **CONSTANT POWER WIRE** (yellow) – Connect the 12V PLUS constant power wire to a live 12 volt wire in the vehicle. Before making a connection, check that the wire you intend to connect it to is always live, even when the car’s ignition is turned off. If a live wire is not found, route the wire to the car’s fuse block and connect it to a live circuit there.
3. **ACC POWER WIRE** (red) – Connect to a +12 volt circuit that is only live when the ignition is on. The best connection point is at the car’s fuse block at the “RADIO” or “ACCESSORY” identified terminals.



Audio/Video Connections

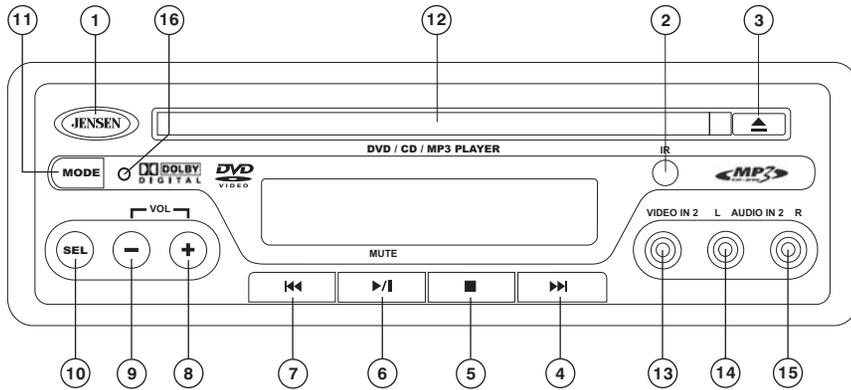


NOTE: When replacing a fuse, be sure to use correct type and amperage to avoid damaging the DVD player. The DV352 uses one 3 amp and one 0.5 amp ACG fuse, located in the black filter boxes in-line with the power wires.

Controls and Indicators

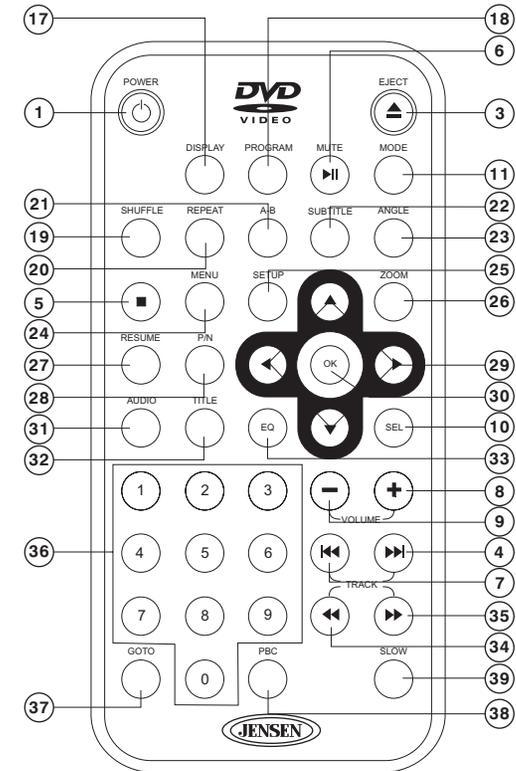
The buttons located on the unit and the remote controls that perform the same function are assigned the same number for reference on the diagrams and in the text.

Front Panel Operation



1. Power
2. Infrared Sensor
3. Eject
4. Fast Forward/Advance Chapter
5. Stop
6. Pause/Play/Mute
7. Rewind/Previous Chapter
8. Volume Up
9. Volume Down
10. Select
11. Mode
12. Disc Slot
13. Video In
14. Left Audio In
15. Right Audio In
16. Reset

Remote Control Operation



Using the Remote Control

Point the remote control towards the player front face remote sensor IR (2). The operation angle is approximately 30 degrees in each direction of the front of the remote sensor.

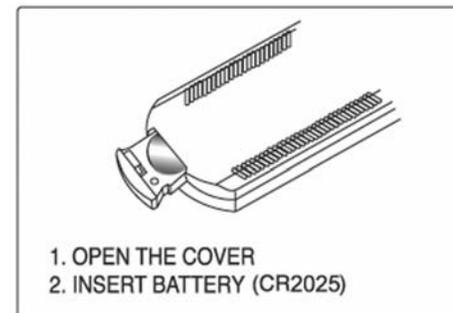
Remote Control Functions

Ref #	Button	Function
1	/POWER	Turn the unit ON or OFF
3	/EJECT	Eject the disc
4	/TRACK	Skip to the next track/chapter
5		Stop disc playback
6	/MUTE	Play/pause the disc (for disc play mode) and to mute the sound (for AV IN mode)
7	/TRACK	Go to previous track/chapter
8	/VOLUME	Increase the volume level
9	/VOLUME	Decrease the volume level
10	SEL	Select the desired adjustment mode. Press VOL+/- to change settings
11	MODE	Change between disc (DVD/VCD/CD/MP3) play mode and AV IN mode
17	DISPLAY	Display statistical disc information during playback
18	PROGRAM	Play tracks in programed order (MP3/CD)
19	SHUFFLE	Play tracks in random order (NOT for DVD)
20	REPEAT	Repeat current track/chapter
21	A-B	Repeat selected passage continuously
22	SUBTITLE	Change the SUBTITLE language on multi-subtitle language DVD discs
23	ANGLE	Change the viewing angle on multi-angle DVD discs
24	MENU	Display the root menu stored on DVD discs
25	SETUP	Display the SETUP menu
26	ZOOM	Increase the picture size
27	RESUME	Resume play from stopping point
28	P/N	Switch between PAL mode, NTSC mode and AUTO mode
29	, , ,	Select items left/right and ahead/back in menu mode
30	OK	Confirm selection of track/chapter
31	AUDIO	Change the AUDIO sound track on multi-audio sound track DVD discs. Change the sound mode of VCD discs
32	TITLE	Display the TITLE menu stored on DVD disc
33	EQ	Select the equalization mode, such as FLAT, CLAS, POP, ROCK
34	/TRACK	Search in reverse rapidly
35	/TRACK	Search forward rapidly
36	0-9	Enter track/chapter number directly. Use GOTO to search.
37	GOTO	Used with numeric buttons to search disc
38	PBC	Switch between PBC ON and PBC OFF on VCD discs
39	SLOW	Change to slow playback motion (VCD/DVD)

Changing the Battery

The remote control uses a CR2025 3V button cell lithium battery. The battery compartment is located on the back of the remote control near the bottom edge. To replace the battery:

1. Open the battery compartment cover.
2. Insert the new battery. Make sure that the positive and negative terminals of the battery are oriented as indicated.
3. Close the cover.



Basic Operation

Turning the Unit On/Off

Press the **POWER** button (1) on the front panel or remote control to turn the unit on/off.

Inserting a Disc

Insert a disc, label side up, into the disc slot (12). The player will start playback automatically.

Ejecting a Disc

Press the **EJECT** button (3) to eject the disc from the slot. The unit does not have to be on to eject a disc.

NOTE: Do not drive with an ejected disc in the slot.

Audio Control

Volume

Press the **VOL +** button (8) to increase the volume, or the **VOL -** button (9) to decrease the volume.

Mute

Press the **MUTE** button (6) to silence the audio. Press **MUTE** again to resume audio.

Press the **SEL** button (10) on the front panel or remote control to select the desired audio adjustment mode. The adjustment mode will change in the following order:

Bass	Press SEL until "BAS" appears in the display.	Press the volume buttons to adjust the Bass from +06 to -06.
Treble	Press SEL until "TRE" appears in the display.	Press the volume buttons to adjust the Treble from +06 to -06.
Balance	Press SEL until "BAL" appears in the display.	Press the volume buttons to adjust the Balance from 12L to 12R.

Setting the Clock

Press and hold the **DISPLAY** button (17) on the remote until the clock display flashes, then release. Next, press **◀** (29) or **◀◀** (7) to adjust the hour and **▶** (29) or **▶▶** (4) to adjust the minutes. Continue changing the hour to move between AM and PM.

Mode

Press the **MODE** button (11) on the front panel or remote control to switch between disc (DVD/CVCD/CD/MP3) mode, AV IN1, and AV IN2 mode.

Equalization

Press the **EQ** button (33) on the remote control to activate the equalization function. Continue pressing the **EQ** button to choose between the three equalizer modes (Clas, Pop and Rock) or to turn the equalizer function off.

Reset

The **RESET** button (16) is located on the front of the unit. You should engage the **RESET** button only in the following situations:

- After initial installation when all wiring is complete
- If all function buttons become inoperable
- If an error symbol appears on the display

To reset the unit, use a ballpoint pen or a thin metal object to depress the **RESET** button.

AV In Operation

You can connect another audio/video system to the unit through the AV IN terminals on the back (AV1 INPUT) or front panel (AV2 INPUT) of the unit. Once the device is connected, press the **MODE** button (11) on the front panel or remote control to select "AV IN1" or "AV IN2" mode.

Disc Operation

Stopping Play

- Press the stop button (5) on the front panel or remote control to stop disc play. Press the button (6) to resume normal playback.
- Press the stop button (5) on the front panel or remote control twice to stop the playback and return to the initial chapter.

Moving Through Chapters/Tracks

Press the button (4) on the unit or remote control to advance to the next chapter/track.

Press the button (7) on the unit or remote control to move to the previous chapter/track.

Fast Forward/Fast Reverse

Press the button (35) or button (29) on the remote control to fast forward. Keep pressing and releasing the button to increase the rate from "2X" to "4X", "6X", and "8X". Press the button (6) to return to regular play. Press and hold to fast-forward to a specific location, then release to begin playback from that point.

Press the button (34) or button (29) on the remote control to fast reverse. Keep pressing and releasing the button to increase the rate from "2X" to "4X", "6X", and "8X". Press the button (6) to return to regular play. Press and hold to fast-reverse to a specific location, then release to begin playback from that point.

Slow Motion Play

Press the **SLOW** button (39) on the remote control during play to activate slow motion playback. Each time the button is pressed, the speed changes as follows.

- **DVD:** PLAY > SF 2X > SF 4X > SF 8X > SR 2X > SR 4X > SR 8X > PLAY
- **VCD:** PLAY > SF 1X > SF 2X > SF 3X > STEP BWD

Pausing Playback

Press the **⏸** button (6) on the unit or the **⏸** button on the remote control during playback to temporarily stop playback. To return to normal playback, press the **⏸** button again.

Repeating Playback

Press the **REPEAT** button (20) on the remote control to select the repeat mode as follows:

DVD: CHAPTER REPEAT ON > TITLE REPEAT ON > REPEAT OFF

VCD/CD: REP-ONE > REP-ALL > REPEAT OFF

- Select REP-ONE to continuously repeat the current chapter/track.
- Select REP-ALL to continuously repeat all chapters/tracks on the current disc. After playing the last chapter/track, the unit will stop and display the elapsed time.

NOTE: The REPEAT feature does not support VCD 2.0 (with PBC ON).

PBC (Play Back Control) (VCD Only)

For VCDs with play back functionality, play back control (PBC) provides additional controls for VCD playback.

Press the **PBC** button (38) on remote control to toggle the PBC function "On"/"Off". Once PBC is on, playback starts from track one of the play list.

Zooming

The Zoom function allows you to increase the picture size. Press the **ZOOM** button (26) on the remote control to toggle from 1.5 scale to 2.0 scale to 3.0 scale. When the scale is 3.0X, press **ZOOM** again to cancel the Zoom function.

During Zoom mode, press the arrow (**◀**, **▶**, **▲**, **▼** buttons) (29) or **◀▶** buttons (34, 35) to move the picture up, down, left, or right.

Random Play (CD/MP3/VCD Only)

Press the **SHUFFLE** button (19) on the remote control to select and play tracks in random order. The display will show "SHUFFLE ON". Press the **⏸** button to begin the shuffled playback. Press the **SHUFFLE** button again to turn SHUFFLE off.

Sectional Repeat Function (A-B)

Use the A-B function to define a specific area of a disc to repeat.

- Press the **A-B** button (21) on the remote control to set the start point (ARPT) of the repeated section.
- Press the **A-B** button again once you reach the desired end point (BRPT) of the repeated section. The selected portion of the DVD will now repeat continuously.

- Press the **A-B** button again to cancel the A-B section setting and stop repeat play.

Goto Search

During DVD or VCD playback, perform the following steps to use the GOTO feature to access a specific location on a disc:

Title/Chapter Search

1. Press the **GOTO** button (37) once to search for a specific title/chapter. The following message appears on the display: TITLE 01/01 CHAPTER 01/10.
2. Use the numeric buttons (36) on the remote control to enter the desired title/chapter number, then press the **OK** button (30).

Time Search

1. Press the **GOTO** button (37) twice to search for a specific time. The following message appears on the display: TITLE 01/01 TIME -- : -- : --.
2. Use the numeric buttons (36) on the remote control to enter the desired title/chapter number, then press the **OK** button (30).

PBC On (CD/VCD)

1. Press the **GOTO** button (37) once to enter the exact time. The following message appears on the display: GO TO -- : --.
2. Use the numeric buttons (36) on the remote control to enter the time, then press the **OK** button (30).

Playing in Programmed Order (CD/MP3/VCD with PBC OFF)

1. With play stopped, press the **PROGRAM** button (18) and the screen will display "PROGRAM P00:00".
2. Press the numeric button(s) (36) on the remote control to play the corresponding track in the selection order. For example: press **4** to play track 4 first. "PROGRAM P01:04" appears on the display. Press **6** and "PROGRAM P02:06" appears.
3. If you want to complete program setting, press the **⏸** button (6) on the unit or the **⏸** button on the remote control to play the tracks in programmed order.
4. To stop programming tracks, press the **■** button (5), then press the **PROGRAM** button to start the AUTO PLAY function.

On-Screen Display Function

Press the **DISPLAY** button (17) during playback to display the contents of the current disc on the screen.

DVD

1. Press **DISPLAY** for the first time:
TITLE 01/03 CHAPTER 002/025
00:02:25

Title Number, Total Title Number, Chapter Number, Total Chapter Number of this Title of the disc currently being played will be shown on the screen, along with the elapsed time.

2. Press **DISPLAY** for the second time:

TITLE REMAIN
01:46:58

3. Press **DISPLAY** for the third time:

CHAPTER ELAPSED
00:00:24

4. Press **DISPLAY** for the fourth time:

CHAPTER REMAIN
00:01:39

5. Press **DISPLAY** for the fifth time to clear the message on the screen.

VCD

1. Press **DISPLAY** for the first time:

SINGLE ELAPSED
00:00:25

2. Press **DISPLAY** for the second time:

SINGLE REMAIN
00:03:15

3. Press **DISPLAY** for the third time to display "OFF" then clear the message on the screen:

OFF
00:00:25

CD

1. Press **DISPLAY** for the first time:

SINGLE ELAPSED
00:00:25

TRACK: 01/14

2. Press **DISPLAY** for the second time:

SINGLE REMAIN
00:03:15

TRACK: 01/14

3. Press **DISPLAY** for the third time:

TOTAL ELAPSED
00:00:25

TRACK: 01/14

4. Press **DISPLAY** for the fourth time:

TOTAL REMAIN
00:40:35

TRACK: 01/14

5. Press **DISPLAY** for the fifth time to display "OFF" then clear the message on the screen.

OFF
00:40:35

TRACK: 01/14

MP3

1. Press **DISPLAY** for the first time:

CHAPTER ELAPSED 00:00:25

2. Press **DISPLAY** for the second time:

CHAPTER REMAIN 00:04:25

3. Press **DISPLAY** for the third time to display "OFF" then clear the message on the screen.

OFF

Multi-Language Discs (DVD Only)

Changing Audio Language

If you are watching a disc recorded in multiple languages, press the **AUDIO** button (31) on the remote control to choose a language. If no other languages are recorded,  is displayed in the top left corner of the screen.

Changing Subtitle Language

If you are watching a disc recorded in multiple languages with subtitles, press the **SUBTITLE** button (22) on the remote control to choose the language in which you would like the subtitles to appear. If no other languages are available,  is displayed in the top left corner of the screen.

NOTE: During VCD playback you can press the AUDIO button (31) on the remote control during playback to switch the sound between mono and stereo sound in the following order: MONO LEFT > MONO RIGHT > STEREO.

Menu Function

Press the **MENU** button (24) on the remote control while the disc is playing to display the disc root menu. You can navigate with the remote control navigation keys and select a feature with the **OK** button (30) on the remote control.

Title Menu Function

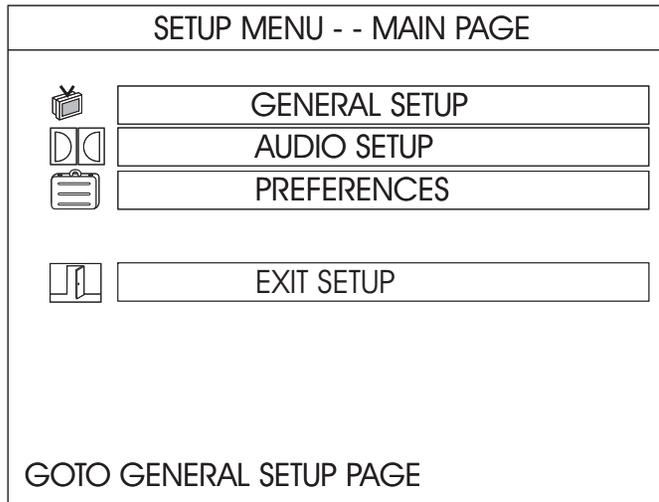
If the DVD has multiple titles recorded on the disc, you can select a specific title from the title menu from which to start playback.

1. Press the **TITLE** button (32) on the remote control during playback to display the title menu.
2. Select the preferred title using the remote control arrow keys (29) and confirm by pressing the **OK** (30) button.

Viewing an Alternate Picture Angle (DVD Only)

Some DVDs contain scenes that have been shot simultaneously from different angles. For discs recorded with multiple angles, press the **ANGLE** button (23) on the remote control to toggle available angles of the on-screen image. If no other angles are recorded, is displayed in the top left corner of the screen.

Setup Menu

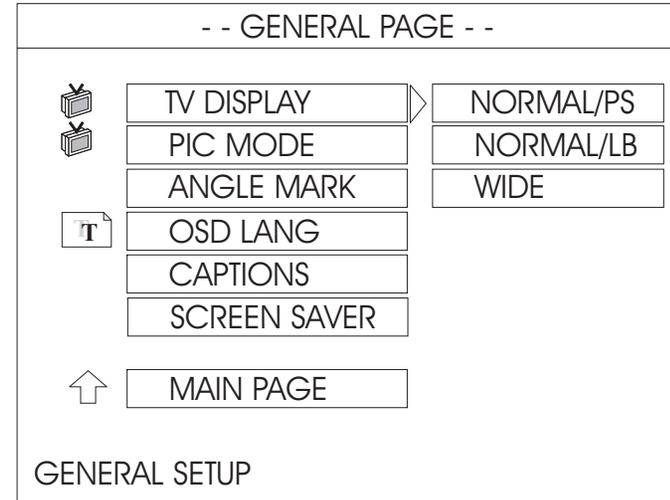


To access the Setup menu, perform the following steps:

1. Press the **SETUP** button (25) on the remote control to display the "SETUP MENU - - MAIN PAGE" screen.
2. Select the preferred item using the **▲/▼** buttons (29).
3. Press the **OK** button (30) on the remote control to display the selected submenu.

From any submenu, select "MAIN PAGE" to return to the "SETUP MENU - - MAIN PAGE" screen. Select "EXIT SETUP" to close the SETUP MENU.

General Setup



Aspect Ratio

Select the "TV DISPLAY" menu option to select the "NORMAL/PS", "NORMAL/LB" or "WIDE" aspect ratio.

Video Material	TV Screen			
	4:3			Wide (16:9)
	Normal	Pan Scan	Letter-box	
4:3				
16:9				

- Normal/PS (For 4:3 TV): Image is played back in the PAN SCAN style. (If connected to a wide-screen TV, the left and right edges are cut off.)
- Normal/LB (For 4:3 TV): Image is played back in letter box style. (If connected to a wide-screen TV, black bands appear at the top and bottom of the screen.)

- Wide (For 16:9 TV): Select this option when a wide-screen TV set is connected.

PIC Mode Setup

- Select "AUTO" to allow the player to select the best setting for each disc.
- Select "HI-RES" for the best possible image resolution.
- Select "N-FLICKER" when the image has noise or distortion.

ANGLE MARK Display Setup

When set to ON while a multi-angle DVD disc is playing, the angle mark () appears on the screen. When set to "OFF", the mark does not appear.

CAPTIONS Setup

Set the CAPTIONS feature to "ON" to show captions (such as the actor's dialogue) when a DVD disc is playing. Set the feature to "OFF" if you do not want captions to appear.

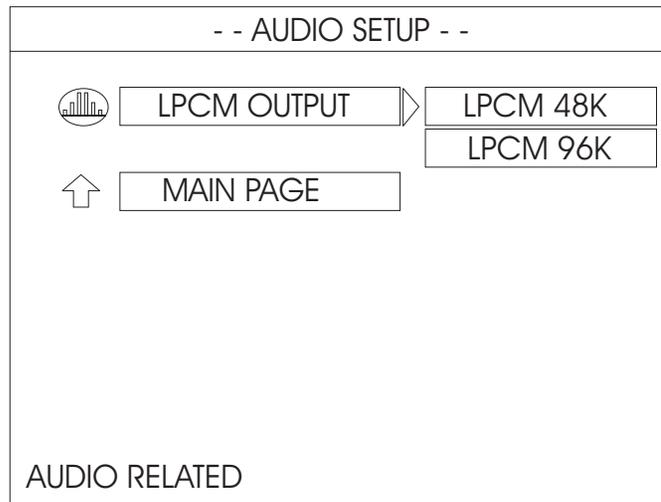
SCR SAVER Setup

Turn the SCR SAVER function "ON" or "OFF".

OSD LANG Type Setup

Select the preferred OSD (On Screen Display) language using the ▲/▼ buttons (29).

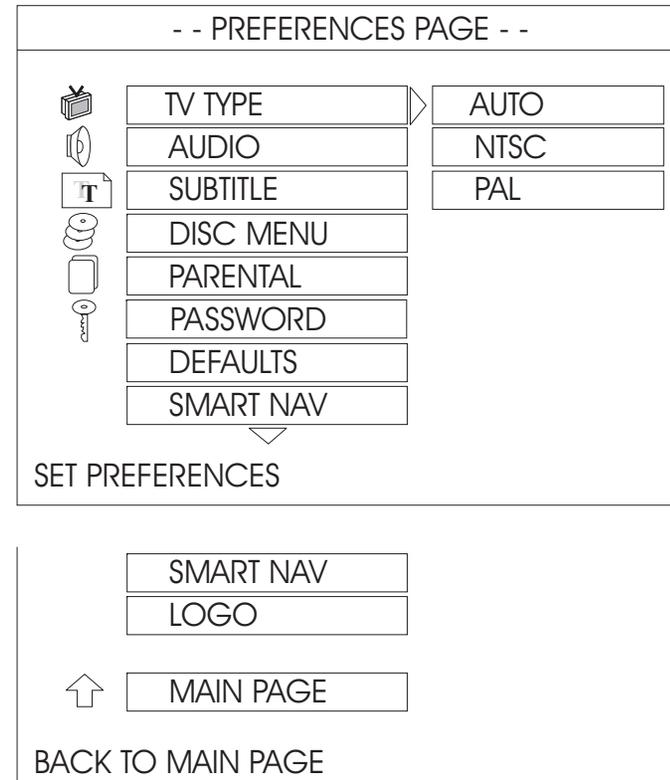
Audio Setup



LPCM OUTPUT

Set the LPCM (Line Pulse Code Modulation) OUTPUT to LPCM 48K or LPCM 96K. The higher the sampling frequency is, the better the output audio quality.

Preferences



TV TYPE Setup

This player can play discs recorded in either PAL or NTSC format.

- Select "NTSC" when the unit is connected to an NTSC TV.
- Select "PAL" when the unit is connected to a PAL TV.
- Select "AUTO" to allow the player to adjust the format according to the DVD disc format.

AUDIO Language Setup

Select one of the following preferred AUDIO soundtrack options using the the ▲/▼ buttons (29): ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, GERMAN, ITALIAN, PORTUGUESE.

SUBTITLE Language Setup

Select one of the following preferred SUBTITLE options using the the ▲/▼ buttons (29): ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, GERMAN, ITALIAN, PORTUGUESE.

DISC MENU Language Setup

Select one of the following preferred DISC MENU language options using the the ▲/▼ buttons (29): ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, GERMAN, ITALIAN, PORTUGUESE.

PARENTAL Settings

Select a suitable parental guidance setting using the the ▲/▼ buttons (29), then confirm by pressing the **OK** button (30) on the remote control. The parental rating options are as follows: 1 G, 2, 3 PG, 4 PG 13, 5 6 PG-R, 7 NC-17, 8 ADULT, NO_PARENTAL.

PASSWORD Change

To change the password:

1. Select "CHANGE" then press the **OK** button (30) on the remote control.
2. OLD PASSWORD: Type the old password (the default factory code is 3308).
3. NEW PASSWORD: Key in a 4 character password.
4. CONFIRM PWD: Retype the new password.
5. Press the **OK** button to confirm and return to the previous menu.

DEFAULTS Reset

Select "RESET" to revert to default (initial) factory settings.

SMART NAV Menu

- Select "WITH MENU" to display the smart navigation menu while playing an MP3 disc. With this option, you can select a track to play according to the menu hint.
- Select "NO MENU" to play an MP3 directly when inserted.

Custom LOGO

You can use this feature to add a custom logo that will appear on the video screen when the unit is turned on. To add a custom logo:

1. Select "CUST LOGO" from the LOGO menu.
1. Insert a disc with the logo, in JPEG format, into the disc drive on the DVD player. (NOTE: The logo *must* be in the JPEG format.)
2. Select the desired picture, press the ► button (6), then press the **TITLE** button (32). The current picture is stored in the unit and "LOGO IS COPIED" appears on the screen.

Select "ORIG LOGO" to return the default image.

Disc Symbols and Properties

Table 1: Disc Properties

Symbol	12cm Disc Properties	Max Play Time
 	Single side single layer (DVD-5) Single side double layer (DVD-9) Double side single layer (DVD-10) Double side double layer (DVD-18)	(MPEG 2 Method) 133 minutes 242 minutes 266 minutes 484 minutes
	Single side single layer (Video CD)	(MPEG 1 Method) 74 minutes
	Single side single layer	74 minutes
	Single side single layer	74 minutes

Table 2: DVD Disc Symbols

Symbol	Meaning
	Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8).
	Number of subtitle languages available on the disc (maximum of 32).
	Number of angles provided (maximum of 9).
	Aspect ratios available. "LB" stands for Letter Box and "PS" stands for Pan/Scan. In the example on the left, the 16:9 video can be converted to Letter Box video.
	Indicates the region code where the disc can be played. <ul style="list-style-type: none"> • Region 1: USA, Canada, East Pacific Ocean Islands • Region 2: Japan, Western Europe, Northern Europe, Egypt, South Africa, Middle East • Region 3: Taiwan, Hong Kong, South Korea, Thailand, Indonesia, South-East Asia • Region 4: Australia, New Zealand, Middle and South America, South Pacific Ocean Islands/Oceania • Region 5: Russia, Mongolia, India, Middle Asia, Eastern Europe, North Korea, North Africa, North-West Asia • Region 6: Mainland China • ALL: All regions

NOTE: The following types of discs will not play in this unit: DVD-ROM, DVD-RAM, CDV, CD-G. DVD-R discs WILL play in this unit.

TROUBLESHOOTING

Problem	Cause	Corrective Action
Unit will not power on	Radio Fuse blown	Install new fuse with correct rating
	Car battery fuse blown	Install new fuse with correct rating
	Illegal operation	Press the RESET button located in the bottom right corner of the front panel
Remote control does not function	Battery depleted	Replace battery with new one
	Battery installed incorrectly	Remove battery and install correctly
Poor sound quality or distortion	Pirated disc is in use	Use original copy
Unit resets itself when engine is off	Incorrect connection between ACC and positive battery wire	Check wiring and correct
Cannot insert disc	Disc already inside unit	Eject current disc and insert new one
Disc does not play back	Disc is warped or scratched	Use disc in good condition
	Disc is dirty or wet	Clean disc with soft cloth
	Laser pickup is dirty	Clean laser pickup with cleaning disc
	Incompatible disc is used	Use compatible disc
	Disc region code is not compatible with unit	Use disc with proper region code
	Disc is inserted upside down	Insert disc with label side up
Image blurred, distorted, or dark	Disc is illegally copied	Use original disc
PBC cannot be used during VCD playback	PBC is not available on the disc	
No repeat or searching while playing VCD	PBC is on	Turn PBC off

Care and Maintenance

- Use only a clean silicone cloth and neutral detergent to clean the front panel or monitor. A rough cloth and non-neutral detergent (such as alcohol) may result in scratching or discoloration.
- Do not get water or cleaning fluids on the unit.
- If the temperature inside the player gets too hot, a protective circuit automatically stops play of the disc. If this occurs, allow the unit to cool before operating the player again.
- Never insert anything other than a 5" (12 cm) compact disc into the player as the mechanism can be damaged by foreign objects.
- Do not attempt to use a 3" (8 cm) CD-Single disc in this unit, either with or without an adaptor, as damage to the player and/or disc may occur. Such damage is not covered by the Warranty on this product.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- The DVD player may not operate properly in extreme hot or cold. If such conditions occur, allow the interior of the vehicle to reach a normal temperature before using player.
- When the vehicle warms up during cold weather or under damp conditions, condensation may appear on the LCD panel. Should this occur, the screen will not operate properly until the moisture has evaporated.
- We suggest you use a cleaning disc in this unit more frequently than in the unit in your home due to the environmental conditions of the vehicle.

Specifications

Supply Voltage: 12V DC (11V-15V), test voltage 14.4V, negative ground

Current Consumption: Less than 2A

Signal System: Composite video 1.0Vp-p 75Ω

Discs Played:

1. DVD-VIDEO disc
 - 5" (12 cm) single-sided, single-layer
 - 5" (12 cm) single-sided, double-layer
2. Compact disc (CD-DA/CD-R/CD-RW/MP3)
3. 5" (12 cm) VIDEO CD

Audio Output Level: 10kΩ (2 ch 2.0 Vrms)

Audio Signal Output:

- Frequency response: 20Hz~20kHz
- S/N ratio: 80dB(JIS)
- Wow and Flutter below measurable limits

Limited Warranty

90 Day / 12 Month Limited Warranty

AUDIOVOX SPECIALIZED APPLICATIONS, LLC (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 90 days from the date of original purchase, such defect(s) will be repaired or replaced (at the Company's option) without charge for parts and repair labor. After the initial 90 day period and for a period of 12 months from the date of the original purchase, the Company will supply at no charge a replacement for any defective part(s).

To obtain repair or replacement within the terms of this warranty, the end user should contact the O.E.M. The product is to be delivered to the OEM or original place of purchase, with proof of warranty coverage (e.g. dated bill of sale, and serial number of the unit, and vin#), specification of defect(s), transportation prepaid, to an approved warranty station. This warranty does not extend to the elimination of externally generated static or noise, to the correction of antenna problems, to costs incurred for removal or reinstallation of the product, or to damage to any tapes, cd's, dvd's, speakers, accessories, or electrical systems. This warranty does not apply to any product or part thereof which, in the opinion of the Company, has been damaged through alteration, improper installation, mishandling, misuse, neglect, or accident. 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 THE PURCHASER FOR THE PRODUCT.

This warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 30 DAYS FROM THE DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than that expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.