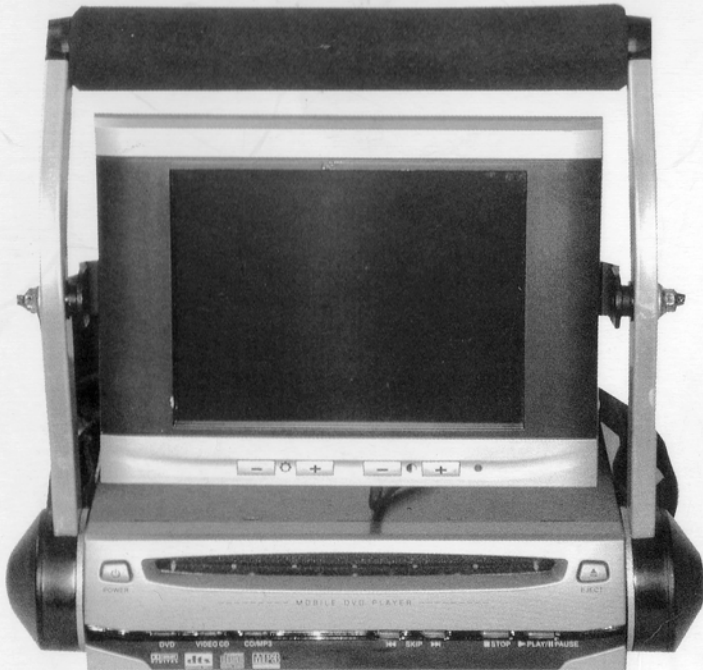


OPERATING INSTRUCTIONS



MOBILE DVD PLAYER

Model: MP301

FEATURES

POWER

- Operating voltage: 12V ^{+20%} _{-10%} DC, 1.5A
Low power consumption design.

COMPATIBILITY

- This DVD player can play the following discs:
DVD, CD, VCD, DVCD, MP3, CD-R, CD-RW.

SYSTEM FUNCTIONS

- VIDEO OUTPUT SYSTEM
System AUTO, NTSC, PAL or PAL M switchable
- TV TYPE
[4:3LB],[4:3PS]or[16:9] will be selected conforming to the actual monitor in use.
- AUDIO OUTPUT
2 channel Dobyly digital output and supports
analog output of MPEG-1, MPEG-2 layer 2 and MP3.

ADDITIONAL VIDEO FEATURES

- Multi-angle, multi-view, multi-audio function
- Multi-level forward and backward motion
- Zoom, program, step play, resume stop and repeat function

SPECIAL NOTE - PLEASE READ

- If the Firmware Upgrade menu appears on the screen, be sure to select [CANCEL] BY pressing ◀ / ▶ and then press ENTER button to leave the menu.

On Screen

Firmware Upgrade
Current: MC0.08 New: JHD C 0.91
Cancel Partial Total

- Do not select Partial or Total, doing so may cause the player to malfunction. If you want to select Partial or Total, you must have to consult the qualified personnel.

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SAFETY PRECAUTIONS



This digital versatile disc (DVD) video player uses 12V $\begin{matrix} +20\% \\ -10\% \end{matrix}$ DC. 1.5A
For future reference, record the model and serial number
(located on the case of the DVD player) in the space provided.

S/N:	_____
Date:	_____

CAUTION:

THIS DVD VIDEO PLAYER IS A CLASS I LASER PRODUCT.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES
OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZRDOUS RADIATION
EXPOSURE. AS THE LASER BEAM USED IN THIS DVD VIDEO PLAER IS HARMFUL
TO THE EYES, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

WARNING: class I laser product - Avoid Long Term viewing of Direct Laser Radiation.

WARNING OF DEW FORMATION

Dew may form on the pickup lens in the following conditions.

- Immediately after a heater has been turned on.
- In a steamy or very humid room.

When the unit is suddenly moved from a cold environment to a warm one.

If dew forms in side this unit, it may not operate properly.

In this case, turn on the power and wait about 2 or 3 hours for the dew to evaporate.

In addition, when the unit is used under low temperatures,
the pick up lens might warm up very fst and dew will form.

In this case, turn on the power and wait a while for the dew to evaporate.

IMPORTANT INSTRUCTIONS

1. Owner's Manual

After unpacking this product, read the owner's manual carefully, heed all warnings and instructions given in this manual and those marked on the unit, and follow all the operating and other instructions. Keep this booklet for future reference.

2. Power Sources

When the product operates from the battery, please refer to the operating instructions on proper connections.

3. Ventilation

This product requires proper ventilation as per the manufacturer's instructions in order to ensure proper operation.

4. Heat

The product should be placed away from other products (including amplifiers) that produce heat.

5. Water And Moisture

Do not allow the product to come in contact with water at anytime.

6. Cleaning

Disconnect power from this product before cleaning. Do not use liquid cleaners or aerosol Cleaners. Use a dry cloth for cleaning.

7. Foreign Objects

Never push objects of any kind into this products through opening as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

8. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause damage.

9. Please use care when installing the unit, the unit may fall, causing serious damage to the product.

10. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.

11. Make sure the player is securely mounted. Quick stops, excessive force, or improper installation may cause damage to the product.

12. Damage Requiring Service
Unplug the unit and refer servicing to qualified service personnel under the following conditions:

a) If liquid has been spilled, or objects have fallen into the product.

b) If the product has been exposed to rain or water.

c) If the product does not operate normally by following the operating instructions.

Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

d) If the product has been dropped or damaged in any way.

e) When the product exhibits a distinct change in performance - this indicates a need for service

13. Servicing

Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

14. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer. Unauthorized substitutions may result in malfunction.

PRECAUTIONS

Notes on Handling

- When shipping the DVD player, the original shipping carton and packing materials must be used. For maximum protection, re-pack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as aerosol spray, near the DVD player. Do not leave any plastic products in contact with the DVD player for a long period of time. They will leave marks on the finish.
- The top and rear panels of the DVD player may become warm after a long period of use. The behavior is normal.
- When the DVD player is in use and the engine is off, do not turn on the player for a long time. Doing so, you may run the battery to where your car will not start.
- If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

Notes on Locating

- When you place this DVD player near a LCD, radio, or VCR(VCD), the playback picture may become poor and the sound may be distorted. In this case, place the DVD player away from any LCD, radio, or VCR.

Notes on Moisture Condensation

Moisture condensation damages the DVD player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, on of the most crucial internal parts of the DVD player.

Moisture condensation occurs during the following cases.

- When you bring the DVD player directly from a cold place to a warm place.
- When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD player in a hot and humid place just after you move the unit from an air conditioned area.
- When you use the DVD player in a humid place.

Do not use the DVD player when moisture condensation may occur.

If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, turn on the DVD player, and leave it for 2 or 3 hours. After 2 or 3 hours, the DVD player will have warmed up and evaporated any moisture.

Notes on Cleaning

Use a soft, dry cloth for cleaning

- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner or benzine, as they may damage the surface of the DVD player.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

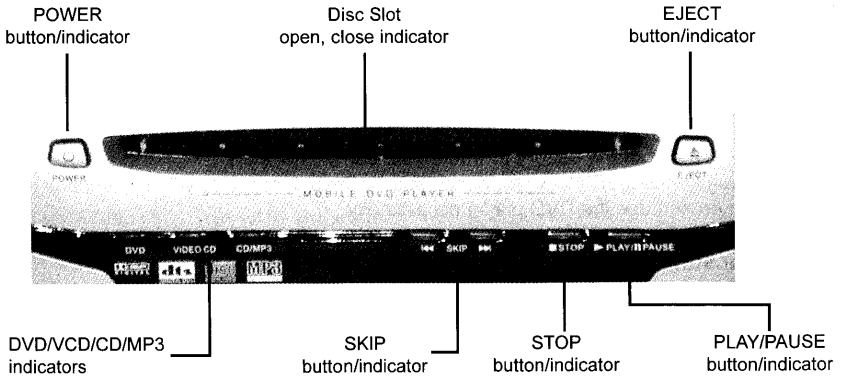
To Obtain A Clear Picture

The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment.

Identification of Controls

See the page in for the details.

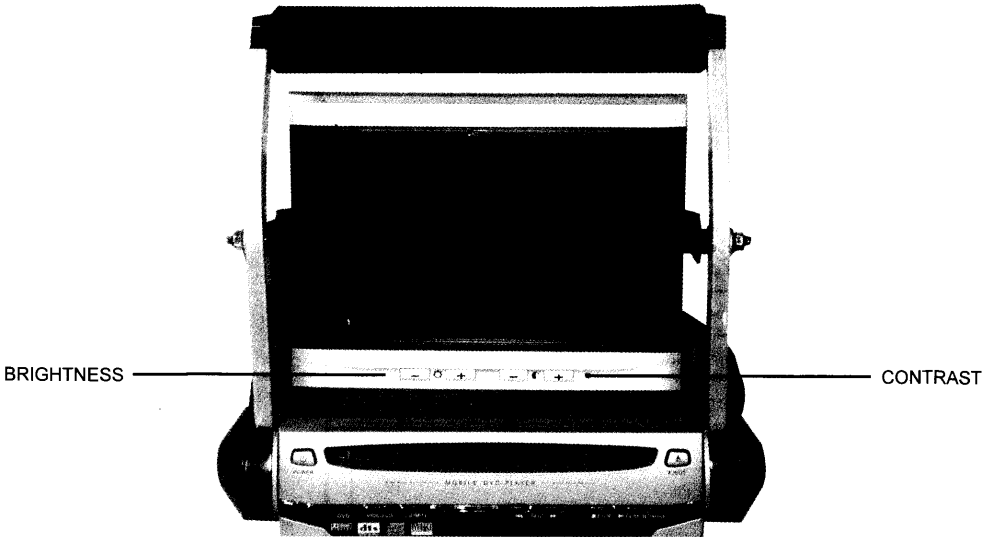
Front Panel





Button	FUNCTION
POWER	Power On/Off 10
EJECT	To Eject Disc 10 11
▶	Play/Pause 11
■	To Stop Playback 11
◀◀ ▶▶	To Locate Preceding/Succeeding Chapter Or Track 14

Identification of Controls

LCD Screen



	Brightness
+	To increase brightness
-	To decrease brightness

	Contrast
+	To increase contrast
-	To decrease contrast

Care and Maintenance

- Do not expose the LCD monitor to rain or moisture.
- Keep system away from heat sources, direct sunlight or excessive dust.
- Moisture may condense in the unit if it is moved from a cold to a warm environment. Wait at least one hour before operating unit in order for the moisture to evaporate.
- Do not spray or spill liquids of any kind on or near the LCD monitor or DVD player.
- Never block ventilation slots.
- Never use liquid or aerosol cleaners.
- To clean, system must be unplugged from power source. Only use a soft cloth lightly dampened with water for exterior cleaning of the DVD player.

Specifications







Model Name:	MP301	Compatible Discs:	DVD, CD, VCD, DVCD, MP3, CD-R, CD-RW
Display Type:	TFT	Video Output System:	System AUTO, NTSC, PAL or PAL M switchable
Display Size:	5.6"	TV Type:	[4:3LB], [4:3PS] or [16:9]
Display Resolution:	320 x 234	Audio Output:	2 channel Dolby digital output and supports Analog output of MPEG-1, MPEG-2 layer 2 & MP3
Pixel Pitch:	0.118(W) x 0.362(H)	Input Voltage:	DC 12V
Display Area:	113.3(W) x 84.7(H)	Input Current:	<1.5A
Response Time:	15(Rise) + 20(Fall) = 35ms	Power Consumption:	<18W
Contrast Ratio:	150:1	Operating Temp:	0~35°C Humidity: <95%
Brightness:	300 cd/m ²	Outline Dimension:	290(L) x 250(W) x 190(H)

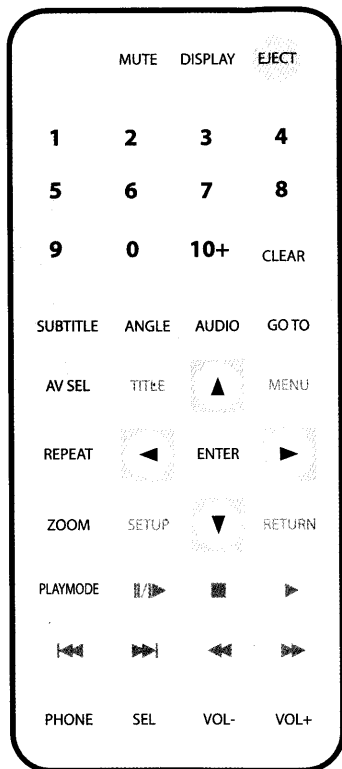
Identification of Controls

Remote Control

The instructions in this manual describe the functions on the remote control. See the page in for the details.

Remote Control Operation

Button	FUNCTION	
MUTE	Playing without sound	16
DISPLAY	Using the on-screen display	20
EJECT	To eject a disc	10
REPEAT	To play repeatedly	16
ZOOM	To zoom a picture	18
0~9,10+	Select desired channel with # button directly	11
CLEAR	Clear the wrong number you entered	15
SUBTITLE	Selecting Subtitle	19
ANGLE	Selecting the camera angle	19
AUDIO	For DVD:to select a playback audio setting For VCD:to change audio channel	18
GOTO	Go to corresponding track, chapter or time	13
	Joy Stick	
TITLE/MENU	Locating a specific title chapter or track	14
SETUP	Function Setup	21
RETURN	Return to the Menu	14
	To pause playback (step mode)	11
	To stop playback	11
	To start playback	11
	To change the playback speed	12
	To locate preceding/succeeding chapter or track	14
SEL	To select the audio functions	17
VOL+ , VOL-	To control the volume	17
PLAY MODE	Play mode:PBC; Program; Off; Shuffle	15
AV SEL	To select External/Internal Video	9
PHONE	Phone ON/OFF	17



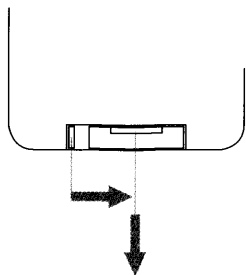
Note:

Before you connect external remote sensor to the player, power off the unit first.

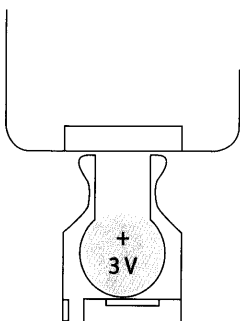
Identification of Controls

Preparing the Remote Control

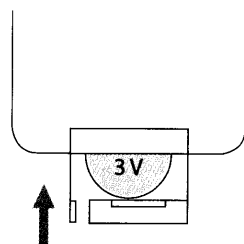
Insert the cell into the remote control so you can use it to operate the DVD video player. Make sure to match the + and - on the Lithium button cell (3V, CR2025) to the marks inside the cell compartment.



1) Open the cover,
pull the cover as illustrated



2) Insert Cell (3V)



3) Close the Cover

Operating with the remote control

1) This section shows you how to use the remote control. Point the remote control at the remote sensor on the remote control eye jack. Not used when using the remote sensor on the remote control eye jack. The remote range: about 6m from the front of the remote sensor. (Is) off axis: about 30° in each direction of the front of the remote sensor.



With about 6m



Do not expose the remote sensor of the DVD player and the remote control to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the DVD player via the remote control.

Notes on Battery

To operate the remote control correctly, follow the instructions below.

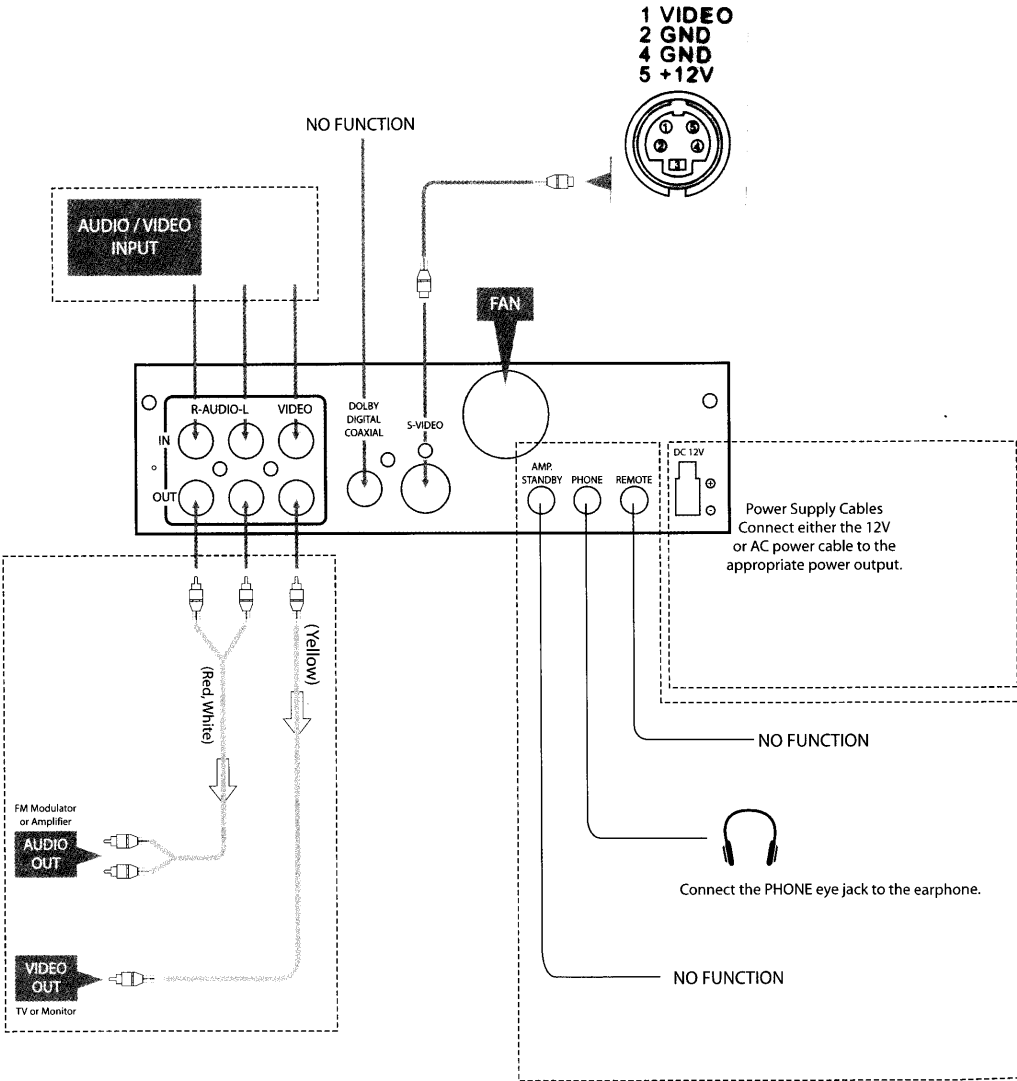
Do not insert cell into the remote control in the wrong direction.
Do not charge, heat, open, or short-circuit the cell. Do not throw cell into a fire.
If the remote control does not function correctly or if the operating range becomes reduced, replace the cell with new one.

Notes on Remote Control

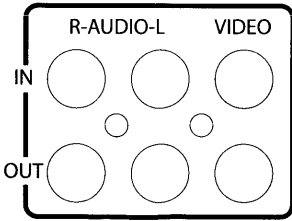
Direct the remote control at the remote sensor of the DVD player.
Do not drop or give the remote control a shock.
Do not leave the remote control near an extremely hot or humid place.
Do not spill water or put anything wet on the remote control.
Do not disassemble the remote control.

Connections

Signal Flow



Connections



AV SEL

Connect		AV SEL
Using AUDIO and VIDEO OUT, connect the monitor or audio system		INTERNAL VIDEO
	Using AUDIO and VIDEO IN, connect the DVD video player to a VTR, TV/VTR combination or video selector	EXTERNAL VIDEO

Select EXTERNAL VIDEO or INTERNAL VIDEO by pressing AV SEL button in turn

NOTE 1

1. Refer to the owner's manual for "the connected monitor" as well.
2. Connect the DVD video player to your monitor directly. If you connect the DVD player to a VTR, TV/VTR combination or video selector, the playback picture may be distorted as DVD discs are copy protected.

NOTE 2

1. Refer to the owner's manual of the connected equipment for additional information.
2. When you connect the DVD player to other equipment, be sure to turn off the power.
3. If you place the DVD near a tuner or radio, the radio broadcast sound might be distorted. In this case, place the DVD player away from any other tuner or radio.
4. The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high output.
5. Turn off the amplifier before you connect or disconnect the DVD player's power leads. If you leave the amplifier power on, the speakers may be damaged.





Playing A Disc


This section shows you the basics on how to play a disc.


To obtain a higher quality picture


Occasionally, some picture noise not usually visible during a normal broadcast may appear on the monitor screen while playing a DVD disc. This distortion is because the high resolution picture depends on the monitor you use with this DVD player. You should generally reduce the sharpness adjustment on your monitor when viewing DVD discs.


About    

The     icons on the heading bar show the playable discs for the functions described under that heading.

 :You can use this function with DVD discs.

 :You can use this function with MP3 discs.

 :You can use this function with VIDEO CDs

 :You can use this function with CDs

Basic Playback



Preparations

When you want to view a disc, turn on the monitor and select the video input connected to the DVD player.

When you want to enjoy the sound of discs from the audio system, turn on the audio system and select the input connected to the DVD player.

For connection details, see "Connections."

1. Press **POWER** on the front panel

The DVD player turns on

2. Place the disc (with the playback side down) into the disc slot

- Place the disc in the slot, the disc will go into the slot automatically. Do not push the disc into the slot fast. Doing so may cause the loader to malfunction.
- The disc spins and playback starts.
- If you insert a DVD disc that contains a title menu, or insert a PBC - equipped VIDEO CD, a menu screen may appear.
 - To start playback of a PBC - equipped VIDEO CD from the menu screen, set "PBC" to "ON" via the on-screen displays with MENU button.
 - To start playback of a DVD disc from the menu screen, press the TITLE or MENU button (depending on the actual DVD discs.)

note: Do not put any objects other than discs into the disc slot, doing so may cause the player to malfunction.

3. Press **Button**

The DVD player ejects the disc automatically.

Press EJECT button again go into the slot automatically.

Playing A Disc

To start playback from the menu screen

1 Press ▲ / ▼ / ◀ / ▶ or the number buttons to select the title you want.

-title number over 10

for 13: press 10+ then 3.

-MP3 discs

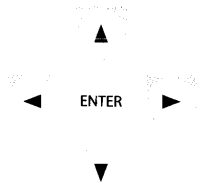
for 25: press 10+ button 2 time then 5;

for 112: press 10+ button 11 times then 2.

2 The DVD player begins playback from the selected title.

When not using the menu screen of a PBC-featured VIDEO CD,

set "PBC" TO "off" VIA THE ON-SCREEN DISPLAYS.



To pause playback (step mode)

Press PAUSE/STOP ||/▶ during playback.

To resume normal playback, press the PLAY button.

The sound is muted during step model.

Each time you press the button, the picture advances one frame.

To stop playback

Press STOP ■

To remove the disc

Press EJECT ▲ button.

The DVD player ejects the disc automatically.

To power on/off the player

1 During playback, press POWER on the front panel, the player power off.

2 After the player power off, press POWER on the front panel, the playback starts.

If you are not going to use the player for a long time,

be sure to power off the unit.

About this owner's manual

This owner's manual explains the basic instructions of this DVD player. Some DVD discs are produced in a manner that allows specific or limited operation during playback.

As such, the DVD player may not respond to all operating commands. This is not a defect in the DVD player. Refer to the instruction notes of discs.

“⊘” may appear on the screen during operation.

A “⊘” means that the operation is not permitted by the DVD player or the disc.

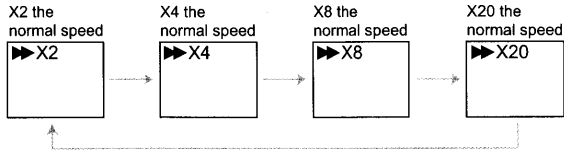
Playing at various speeds

• Press **SCAN** ◀◀ or ▶▶ during playback.

Each time you press the ◀◀ or ▶▶, the playback speed changes.

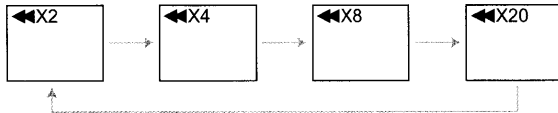
▶▶ : Fast forward playback

On Screen



◀◀ : Fast reverse playback

On Screen



Press **PLAY** resume the normal speed playback.

Notes

The DVD player does not play sound and subtitle during reverse and forward scan of DVD discs or VIDEO CDs.

However, the DVD player plays sound during fast forward or fast reverse of audio CDs.

Advanced Playback

DVD VCD CD MP3

Resuming playback from the same location

You can stop playback and resume playback later from the same location on the disc.

- 1 Press **STOP** at the location where you want to interrupt playback. The DVD player memorizes the location where playback is stopped. STOP (Play to resume) appears on the screen.
- 2 Press **PLAY**
The DVD player resumes playback from the location where you stopped playback.

To start playback from the beginning regardless of the location where you stopped playback.

- 1 Press **STOP** twice.
The DVD player's memory is cleared.
- 2 Press **PLAY**.
Playback starts from the beginning of the disc.

Note

The DVD player's memory is also cleared when:

- The POWER turns off after you stop playback.
- You eject the disc.

Playing from the desired location

DVD VCD CD

You can play a disc from the desired location.

Locating a specific location by entering the track number, the chapter number or the time.

You can locate a specific location by entering its corresponding track number, chapter number, or time (hours, minutes, seconds.)

- 1 Press **GOTO**, for different discs the on-screen display changes as follows:
•DVD

Search TM/CH/TL	
Time: : : :	Elapsed Time
Chapter: :	
Title: :	

•VCD (PBC OFF) / CD
Press GOTO:

Track Search
Time: : : :

Press GOTO again:

Disc Search
Time: : : :
Track: :

•VCD (PBC ON)

Track Search
Time: : : :

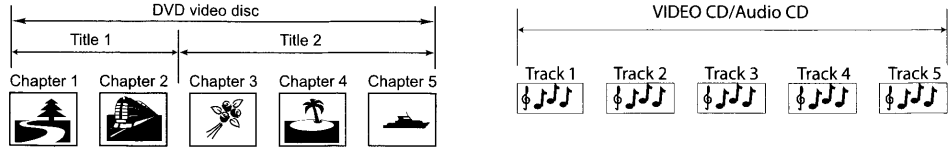
- 2 Press **ENTER**
The DVD video player starts playback from the desired location you entered.

Note

Some discs may not respond to this process.
Some scenes may not be located precisely as you specified.
this method for accessing specific locations is available only within the current title of the DVD video disc or within the current track of the VIDEO CD/audio CD.

Locating A Specific Title, Chapter or Track

Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. VIDEO CDs and audio CDs are divided into tracks, you can quickly locate any specific title, chapter, or track



If a DVD video disc contains a title menu, you can locate a specific title using the title menu function.

1 Press **TITLE** or **MENU**. (Depending on the actual DVD discs.)

The title menu appears on the screen.

2 Press **▲** / **▼** / **◀** / **▶** to the chapter you want.

If the titles in the menu are assigned a number, you can directly locate a specific title by pressing its designated number with the number buttons.

3 Press **ENTER**

The DVD player starts playback from chapter 1 of the selected title.

Note

The instructions above describe basic procedures which may vary depending on the contents of the DVD disc. If different instructions appear on the screen, follow those instructions.

If a DVD disc contains a chapter menu, you can locate a specific chapter using the chapter menu function.

1 Press **MENU**

The CHAPTER menu appears on the screen.

2 Press **▲** / **▼** / **◀** / **▶** to the chapter you want.

If the chapters in the menu are assigned a number, you can directly locate a specific chapter by pressing its designated number with the number buttons.

3 Press **ENTER**

The DVD player starts playback from the selected chapter.

If a VIDEO CD contains a track menu, you can locate a specific track using the track menu function.

• Press **MENU**, in PBC on mode

1 Playing a VIDEO CD, The track menu appears on the screen.

2 Press **◀◀** or **▶▶** to see the preceding or next page of the menu, press the corresponding number buttons of the track you want.

3 Press **RETURN**, go back to the preceding of the menu.

• Press **TITLE**, in digest mode

The digest menu of the disc appears on the screen.

- Press **◀** or **▶** to see the preceding or next digest or

press the corresponding number buttons of the digest you want.

• Press **ENTER**, the DVD player starts playback from the selection.

You can locate consecutive chapters or tracks.

Press skip **◀◀** or **▶▶** repeatedly (in title/PBC off mode) to display the chapter or track number you want.

The DVD player starts playback from the selected chapter or track.

◀◀ : To locate preceding chapter or tracks

When you press the **◀◀** button, the DVD player starts playback from the beginning of the current chapter or track.

When you press the **◀◀**

Play Mode

You can play in different mode.

Press the PLAY MODE button on the remote, the following menu appears on the screen.

And with the ENTER button you can change the mode as: PBC (for VCD), Program, Off, Shuffle.

When you select one mode, move the cursor to OK then press ENTER.

1. For PBC, the playback starts in PBC on mode.
2. For Off, the playback starts in no mode.
3. For shuffle, the playback starts random.
4. For Program, the playback starts in program mode.

Play Mode	
Mode:	PBC
OK	Cancel

You can combine you favorite titles, chapters, or tracks and play them in any order.

You can program up to 16 selections into the memory. (program playback)

The DVD player automatically plays titles, chapters, or tracks in the order of your program.

1. Select PROGRAM play mode, the following menu appears

Play DVD

Program Title/Chapter			
1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	16
Play Program Clear All Cancel			



Program Title/Chapter			
1	12	5	10
2	6	10	14
3	7	11	15
4	8	12	16
Play Program Clear All Cancel			

Play VCD, CD

Program Track			
1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	16
Play Program Clear All Cancel			



Program Track			
1	15	5	17
2	6	10	14
3	7	11	15
4	8	12	16
Play Program Clear All Cancel			

2. Each time you press the ▲ ▼ ◀ ▶ button, the __ indication is highlighted in turn. Highlight where you want to enter then press the number buttons. (The selected number must be less than the title, chapter or track number.)
3. Move the cursor to Play Program and press ENTER button,
The DVD player starts program playback.
4. To change the programmed selections while the PROGRAM menu appears on the screen, press the ▲ ▼ button to move the highlighted bar to the item you want to change, then you can press the number buttons. Or press the CLEAR button.
5. To cancel the programmed selections,
with (Clear All) highlighted press ENTER button.
6. To program during playback
If you enter the play mode during playback, and the program menu appears to accept your programming.

NOTES

- Some discs may not permit program playback operation.
- If you press the REPEAT during program playback,
the DVD video player repeats current program playback
- If you press SKIP ◀▶, the player will skip to the preceding or the next item.
- You cannot select title, chapter and track numbers not included on the disc.
- The programmed selections will be cleared when:
 - You turn off the DVD video player, or
 - You remove the disc.

Advanced Playback

DVD VCD CD MP3

Playing repeatedly



Repeating a title, chapter, or track

You can play the same track or disc repeatedly.
Each time you press the REPEAT button, the repeat mode changes as follows.

Playing VCD / CD / MP3

Repeats the same track

Single

Repeats the entire disc

All

Resumes normal playback

Off

Playing DVD

Repeats the same chapter

Chapter

Repeats the entire title

Title

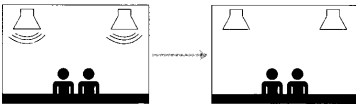
Resumes normal playback

Off

Note: Some discs may not permit repeat operation.

Playing without sound

DVD VCD CD MP3



While playing a disc

-Press MUTE button on the remote.

The player plays the disc without sound

-Press MUTE again, or

change the sound by pressing VOL+ or VOL-, or pressing AUDIO twice,
the player plays with sound (except MP3 disc.)

Selecting sound

With the VOL+, VOL- button, you can change the volume.

When the setting appears on the screen, press VOL+ or VOL- to change the volume.

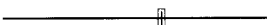


Volume changes from 0 to 36: Volume 36

NOTE:

The VOLUME setting is not cleared when:

1. You turn the power off.
2. You eject the disc.
3. You change the disc.

• To select the audio functions as you like:

To	Press SEL button on the remote repeatedly until the item you want to adjust appears on the screen	Press the VOL+,- button adjust the setting as you like
Balance	Balance  08	The Level changes from 00~16
Bass	Bass  07	The Level changes from 00~14
Treble	Treble  07	The Level changes from 00~14
Loudness	Loudness On Off	Press ENTER button to select ON or OFF

PHONE

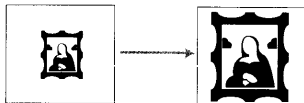
To enjoy your desired music with earphone.

Connect the earphone to the PHONE eye jack on the rear of the unit.

Press the PHONE button on the remote till PHONE ON appears on the screen.

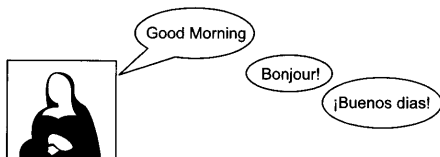
Press this button again, phone off.

Zooming a picture



1. Press ZOOM during playback or pause, if you press the ZOOM button repeatedly, the magnification level increases. On screen display changes as follows: 1, 2, 3, Off.
2. If you press ▲ ▼ ◀ ▶ buttons, the zoomed picture will be moved up, down, left and right.
3. Depending on the actual Monitor or Disc.

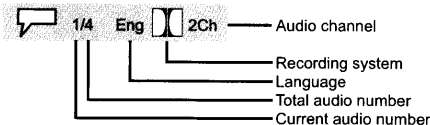
Selecting a playback audio setting



FOR DVD DISCS

You can select a preferred language from those included on the disc.

1. While playing press AUDIO, the current audio setting appears.
2. Each time you press the AUDIO, the audio setting included on the DVD video disc changes.



When playing the discs in the Dolby digital and DTS system, please select the AUDIO mode in Dolby. If you select DTS, be sure to use the coaxial cable and connect to DTS equipped amplifier.

FOR VCD DISCS

With the AUDIO button and the instructions appear on the screen, you can change the AUDIO Mode.

Press the AUDIO button, the setting appears on the screen: L/R Mode Stereo

L/R mode highlighted, press ENTER to change the audio channel.

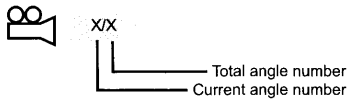
L/R mode changes as following: Stereo, Left, Right, Mix.

Selecting the camera angle



You can select a preferred camera angle to watch a scene. If the scene was recorded from multiple angles, you can easily change the camera angle of the scene you are watching.

1. Press ANGLE button, then the angle icon is displayed.

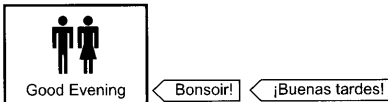


2. Each time you press the ANGLE button, the camera angle changes.

NOTE

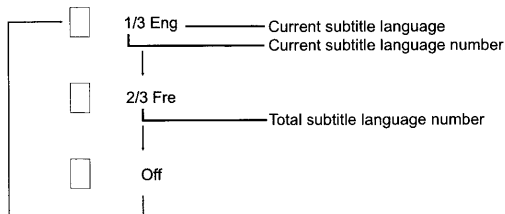
If you pause a picture immediately after changing a camera angle, the resumed playback picture may display the new camera angle.

Selecting subtitles



You can display subtitles on the screen and select a preferred subtitle language.

Each time you press the SUBTITLE button, the subtitle languages included on the DVD disc change.



NOTE

Some DVD discs are set to display subtitles automatically, and you cannot turn them off even if you set the subtitle function to off.

During some scenes, the subtitles may not appear immediately after you press SUBTITLE button. Some DVD discs will allow you to make subtitle selections and turn subtitles on or off only via the disc menu.

During some scenes, the subtitles may not appear immediately after you change the language by pressing the SUBTITLE button.

Using the on-screen display

You can view information about a disc and its operational status on the screen.

Checking the operational status

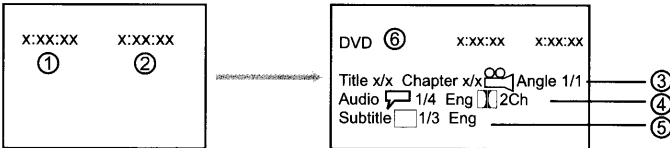
Press the DISPLAY button, the on-screen display on the screen.

1. Playing VIDEO CD/CD



- ① Elapsed time
- ② Remaining time of the current track
- ③ Elapsed track
- ④ Total track number
- ⑤ Disc type

2. Playing DVD

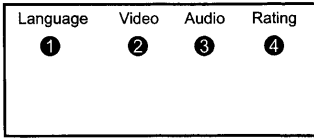


- ① Elapsed time
- ② Remaining time of the current title
- ③ Elapsed chapter and total chapter number
Elapsed title and total title number
Angle: refer to "Selecting the camera angle"
- ④ Audio: refer to "Selecting a playback audio setting"
- ⑤ Subtitle: refer to "Selecting subtitle"
- ⑥ Disc type

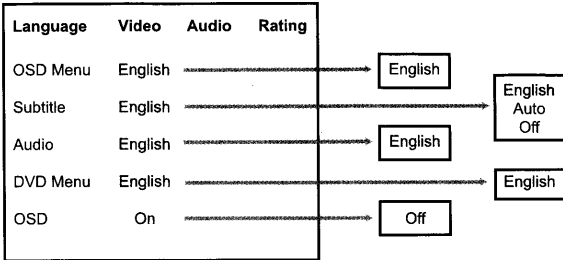
Function Setup

Customizing the function settings

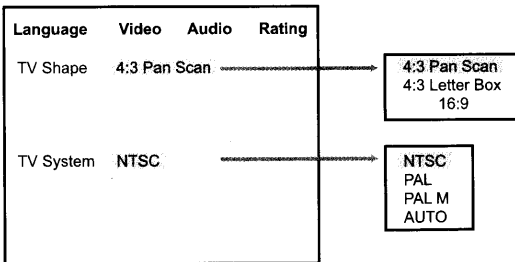
Press **SETUP** during stop. The setting menu appears.
 Press **▲ ▼ ◀ ▶** button to move the cursor to the item,
 then press **ENTER** to select the item you want.



1 Language



2 Video



TV Shape

-4:3 LETTERBOX: Select when 4:3 TV is connected displays theatrical images with masking bars above and below the picture.



-4:3 PAN-SCAN: Select when a 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.



-16:9 WIDE: Select when a 16:9 wide TV is connected.



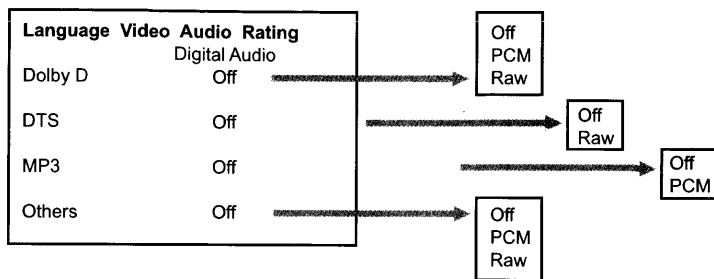
TV System

You can select the TV System for your TV, depending on the actual DVD discs.

Note: If some picture noise not usually visible while playing a DVD disc, please pick the right TV system for this disc.

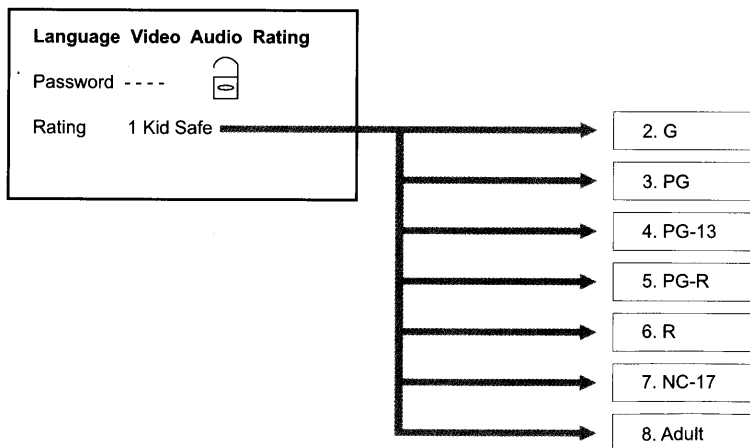
Function Setup

1. Audio



•When using the coaxial cable (see page 7), you should set Digital Out PCM or RAW. Refer to the amplifier's owner's manual and make the setting Raw or PCM. Select one mode, if there is no sound change to the other one.

1. Rating



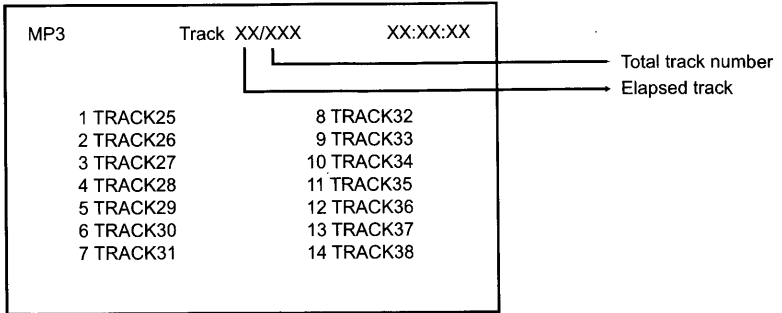
The player without the default password. Press the number button to create or change your 4-digital security password to change the rating, input number are displayed "*" Then, you must enter the correct password to change the rating or you can not play DVD disc rated higher than the level you selected.

This is the function of DVD for restricting the viewing age as stipulated by laws in different countries. The way in which viewing is restricted differs from DVD to DVD. Sometimes the DVD can not be played at all, other times certain scenes are skipped, and the other times certain scenes are replaced with other scenes.

• Press EJECT button. While logo appears on the screen, press the buttons , on the front panel at the same time, the function setting return to FACTORY SETUP.

MP3 Instruction

Insert the MP3 disc then playback start, the MENU of elapsed track appears.



Set the MENU on or off by pressing the MENU button on the remote.

Mode	Press	
Play	⏮ ⏭	To play the preceding or the next track
Play/ Stop	Number button	To select the track with the number button directly
	▲ ◀ ▶ ▼	To move the cursor to the track, then press ENTER to play the track

Others

Precautions

Safety

- As the laser beam used in this unit is harmful to the eyes, do not attempt to disassemble the unit. Refer servicing to qualified personnel only.
- Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

Power Sources

- The operating voltage is indicated on the nameplate at the rear of the player. If you are not going to use the player for a long time, be sure to power off the unit.

Placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.

Operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may form on the lenses inside the player.
- Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for 2 or 3 hours until the moisture evaporates.

Cleaning

- Clean the unit, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

Notes On Discs

How to deal with discs

How to hold a disc

Do not touch the surface of the information side.

When there are stains on the face of disc

Wipe with a wet cloth and then with a dry one.

Wipe from the center of the disc to the outer edge.

When a disc is brought from a cold environment to a hot one, there could be steam on the face of disc. Wipe with a dry, soft, smooth cloth before using.

Attention

- Do not write on disc. Do not use pickup cleaning preparation. Phenyl, chemical solution, dispersing solution, anti-static electricity solution or any other kind of solutions to clean disc.
- Do not stick label or glue based not on disc
(Do not use disc with remaining glue or damaged gluey label.)
- Do not use scratching-preventing material or cover, unless it is assigned to use on this machine.
- Do not put or store the disc in the following environments: direct sunlight, at moist or dusty places, near vents where hot air is blown.

Troubleshooting

If you experience any of the following difficulties while using the player, use this troubleshooting guide to help you remedy the problem. Should any problem persist, consult a professional mobile video installer.

There's no sound

1. Check that the player is connected securely and correctly.
2. Make sure you operate the monitor or the amplifier correctly.

There's no picture

1. Check that the player is connected securely.
2. Make sure you operate the monitor correctly, turn on the monitor and select the VIDEO mode.

Do not play

1. There's no disc inside ("NO DISC" appears on the screen.)
Insert a disc.
2. Insert a disc with the label side up in the disc slot correctly.
Clean the disc.
3. The disc has been shattered, change the disc.
4. Moisture has condensed inside the player.
Remove the disc and leave the player turned on for 2 or 3 hours.

The remote doesn't function

1. Remove the obstacles in the path of the remote and the player.
2. Point the remote at the remote sensor on the player.
3. Replace the battery in the remote with new one if it is weak.

If you forget the password

Press EJECT button. While logo appears on the screen, press the buttons **■**, **▶||** on the front panel at the same time, the function settings return to **FACTORY SETUP**.

Specifications

Audio

Audio output (analog):	2±2.2V 100kΩ
Audio output (coaxial):	0.5V 75Ω
Signal-to-noise ratio:	more than 90dB
Dynamic range:	more than 85dB
Distortion:	less than 0.08%

Video

Video output:	1±0.2V
S Video output:	(Y) 1.0V(p-p), 75Ω; (C)0.286V(p-p), 75Ω
Resolution:	more than 500 line

Power

Power requirement:	12 ^{+20%} _{-10%} V DC, 1.5A
Power consumption:	less than 20W

General

Dimensions (approx.):	178 x 50 x 183mm (w/h/d) incl. Projecting parts
Weight:	1.4Kg
Normal operating temperature range:	14°F to 120°F

Design and specifications are subject to change without notice.
The illustrations in this manual may appear different
from the actual product due to printing conditions.

Accessories And Hardware



Headset (x1)



Carry Bag (x1)



AC Cord (x1)



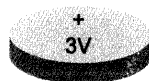
AC/DC Adaptor (x1)



DC Cord (x1)



Remote Control (x1)



Lithium Battery 3V (x1)

Warranty

90 DAY LIMITED WARRANTY

MRE Video Products

Nextar (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 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 reinstatement of the product, or to damage to tapes, discs, speakers, accessories, or electrical systems.

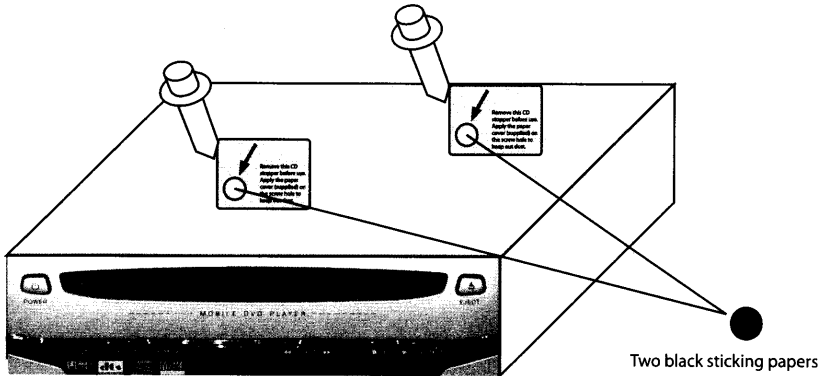
This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE 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.

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 WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HERE UNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 15 MONTHS FROM 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 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 damage so the above limitations or exclusions may not apply to you. This Warranty give you specific legal rights and you may also have other rights which vary from state to state.

Nextar
1736 Wright Avenue
La Verne, CA 91750
(800) 938-9886
www.macsports.com

IMPORTANT NOTICE



There are 2 mounting screws on the case of the DVD player (as shown above) to protect the unit during shipping.

You need to remove the sticking papers and screws after unpacking this product. Apply the black sticking papers (supplied) on the screw holes to keep out dust.

Design and specifications are subject to change without notice. The illustrations in this manual may appear different from the actual product due to printing conditions.

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