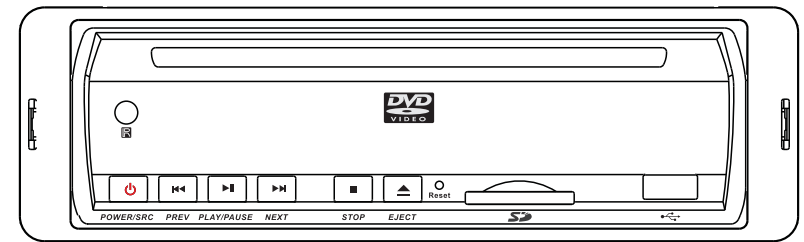


OWNER'S MANUAL

Mobile Video System



TROUBLE SHOOTING

| SYMPTOM | CAUSE/SOLUTION |
|-----------------------------------|--|
| No sounds. | Mute function is on. Cancel the mute function. |
| The memory contents are vanished. | Disconnect the power wire or battery. Press RESET button. |
| Do not play. | The disc is dirty or damaged. |
| Disc is ejected automatically | The temperature is out of operating temperature |
| Disc can not be ejected. | Push the disc while pressing EJECT button. A disc is loaded in the mechanism. Press RESET button. |
| Function buttons do not work. | Press RESET button. |
| Audio or Video discontinue. | The disc is dirty or damaged. |
| No Picture. | Open TV. Choose video input on the TV to receive the picture from the unit. |
| Picture discontinue. | The disc is dirty or damaged. Color system setup is incorrect, adjust to be PAL or NTSC according to the TV |

NOTE:

If any of the problems persists after checking the above list. Please consult the nearest service dealer. Never attempt to disassemble the unit personally.

SAFETY INFORMATION

Please read the manual carefully before operating this unit and keep it for future reference.

CAUTION: This unit is a class 1 laser product. To prevent direct exposure to laser system, do not open the unit. The laser beam may hurt your eyes. If the unit requires adjustments, contact an authorized service centre.

USE THIS PRODUCT SAFELY

Be sure fully understand the following safety information:

When driving

Keep the unit at an appropriate sound level. Driving with the sound at a level that prevents you from hearing sounds outside and around the car may cause an accident.

When car washing

Do not expose the product to water or excessive moisture. This could cause short circuit, fire or other damage.

When parked

Parking in direct sunlight can produce very high temperature inside your car. Give the interior a chance to cool down before switching the unit on.

Use the proper supply

This product is designed to operate with a 12 V DC, negative ground operation.

FEATURES

True DIN Size DVD Player
DVD/VCD/CD/CD-R/CD-RW/MP3 Compatible
Full Function Remote Control
Extra Remote Eye
Last Position Memory
On Screen Display
Built-in Dolby Digital Decoder
Digital Anti-Shock
NTSC/PAL Switchable
Audio, video Output

NOTE:

**This owner's manual is only for reference.
Modifying rights are reserved.
Modifications are subjected to change without notice.**

REQUIREMENTS

- 1) Do not use and store the loader in dusty, high temperature and high Humidity environments.
- 2) Do ground all equipments and works in order to avoid causing damage to The loader by electrostatic discharges.
- 3) The user who handles this product should take all necessary precautions To avoid ESD (Electro-Static Discharge) failures.
- 4) Do not touch assembled PCB with hand directly, avoid fingerprints or stains Remains on the PCB and handle the loader in a clean environment
- 5) Do not shock loader during handing and manufacturing
- 6) Do not use loader immediately when you bring it from cold to warm place. Great change of temperature may cause moisture condensing on the Pickup lens which influences the readability for certain time. Please make the loader stable at least 2 hours before operating under such a condition.
- 7) Do not disassemble the loader to avoid ESD failures and to prevent from Contamination.

REPLACE THE FUSE

Make sure the amperage match the specified when replacing the fuses. If the fuse is broken, check the power connection and replace a new one. If the same problem occurs, it would be subjected to the malfunction in-house. In such cases, please consult the nearest service dealer.

Warning

Never use the fuse with the rated amperage more than that supplied to your unit, otherwise it will damage the unit.

SPECIFICATIONS

- Supply voltage

Current consumption

Signal system

Disc compatible
- : 12V DC (10.8V-16V), negative ground

: Less than 900mA

: Composite video 1.0Vp-p 75Ω

: 1) DVD-VIDEO Disc
5" (12cm) single-sided, single-layer
5" (12cm) single-sided, double-layer
2) Compact disc (CD-DA)
5" (12cm) disc
- Audio L/R 2CH output level:

Audio signal output

Characteristics
- 10kΩ (2ch 1.8Vms)

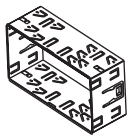
:

1) Frequency response 20Hz-20KHz
2) S/N ratio 80dB (JIS)
3) Wow and flutter below measurable limits
4) Weight (approx) 1.4kg
5) Dimension (approx) 162x187x56(mm)
(W/D/H)
6) Mounting (approx) 160x178x50(mm)
(W/D/H)

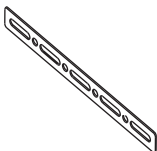
NOTE:
Specifications and design are subjected to modification without notice due to improvements in technology.

ACCESSORIES

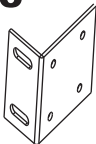
- 1




Mounting Box x1
- 2




Steel Bar x1
- 3




Mounting Bracket 1x2
- 4




M4x5 Screws x8
- 5




Rear Mounting Bolt x1
(Fixing at rear panel)
- 6




Keys x 2
- 7




Power Connector x1
- 8



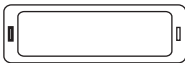
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Owner's Manual x1
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Mounting Bracket 2 x2
- 11



Frame x1
- 12



Remote Control Receiver x1

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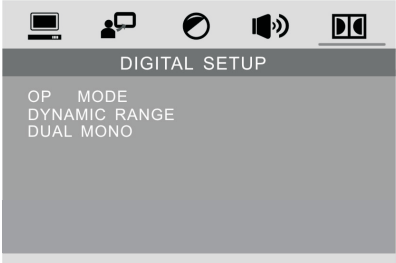
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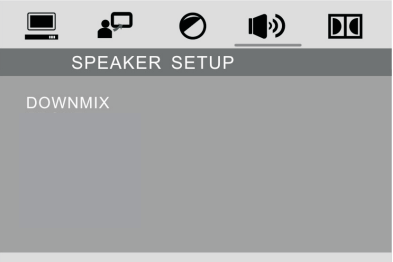
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DIGITAL SETUP



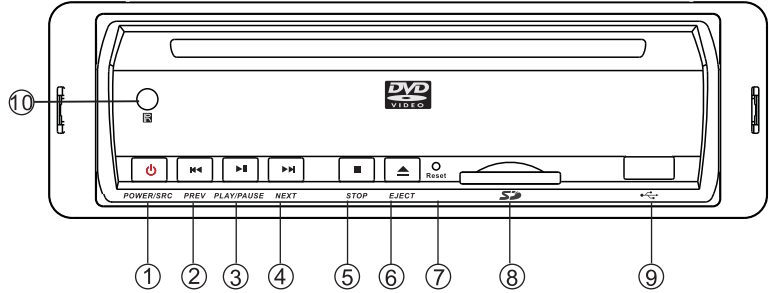
- OP MODE
- Following options are available for the OP MODE
- LINE OUT RF REMOD
- DYNAMIC RANGE
- Following options are available for the DYNAMIC RANGE:
- FULL 6 / 8 4 / 8 2 / 8 OFF
- DUAL MONO
- Following options are available for the DUAL MONO:
- STEREO MONO L MONO R MIX MONO

SPEAKER SETUP



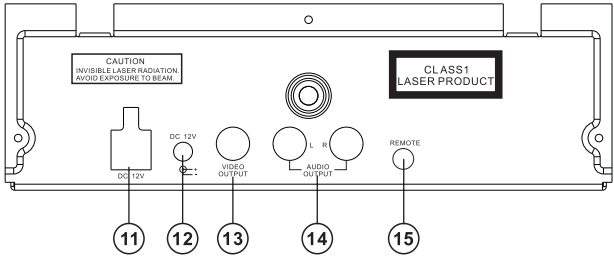
DOWNMIX
Following options are available for the DOWNMIX:
LT / RT STEREO VSS

FRONT PANEL DESCRIPTION



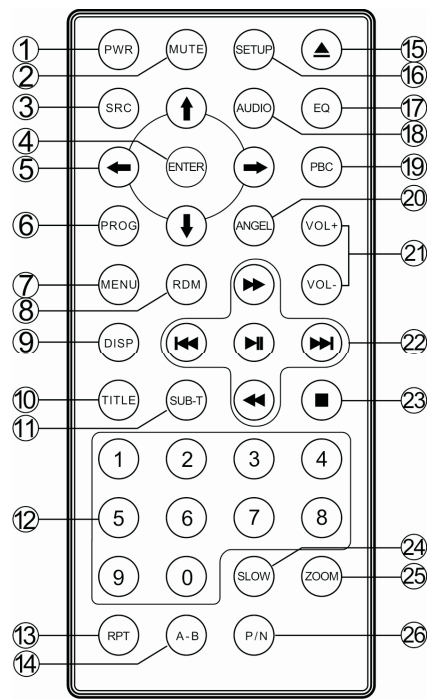
- | | |
|----------------|----------------|
| ① POWER/SOURCE | ⑦ RESET |
| ② PREVIOUS | ⑧ SD CARD SLOT |
| ③ PLAY/PAUSE | ⑨ USB |
| ④ NEXT | ⑩ REMOTE |
| ⑤ STOP | |
| ⑥ EJECT | |

REAR PANEL DESCRIPTION



- | | |
|----------------|----------------|
| ⑪ DC 12V IN 1 | ⑭ AUDIO OUTPUT |
| ⑫ DC 12V IN 2 | ⑮ REMOTE |
| ⑬ VIDEO OUTPUT | |

REMOTE CONTROL DESCRIPTION



- | | | |
|----------------------|------------------|--------------------------------------|
| ① POWER | ⑩ TITLE | ⑲ PBC |
| ② MUTE | ⑪ SUB- TITLE | ⑳ ANGLE |
| ③ SOURCE | ⑫ NUMBER BUTTONS | ㉑ VOLUME+/VOLUME- |
| ④ ENTER | ⑬ REPEAT | ㉒ F.FWD /F.REV/NEXT /PREV/PLAY/PAUSE |
| ⑤ LEFT/RIGHT/UP/DOWN | ⑭ A-B | ㉓ STOP |
| ⑥ PROG | ⑮ EJECT | ㉔ SLOW |
| ⑦ MENU | ⑯ SETUP | ㉕ ZOOM |
| ⑧ RANDOM | ⑰ EQ | ㉖ PAL/NTSC |
| ⑨ DISPLAY | ⑱ AUDIO | |

MENU LANGUAGE

Following options are available for the MENU LANGUAGE:

| | | | | |
|---------|-----------|---------|-----------|------------|
| ENGLISH | GERMAN | SPANISH | FRENCH | PORTUGUESE |
| ITALIAN | RUSSIAN | DUTCH | SWEDISH | KOREAN |
| DANISH | NORWEGIAN | POLISH | HUNGARIAN | |

DIVX [R] VOD
REGISTER CODE
V22HNYA4
VISIT WEB SITE:WWW.DIVX.COM/VOD

VIDEO SETUP



BRIGHTNESS
Following options are available for the BRIGHTNESS:
0 2 4 6 8 10 12

CONTRAST
Following options are available for the CONTRAST:
0 2 4 6 8 10 12

HUE
Following options are available for the HUE:
-6 -4 -2 0 +2 +4 +6

SATURATION
Following options are available for the SATURATION:
0 2 4 6 8 10 12

SHARPNESS
Following options are available for the SHARPNESS:
0 2 4 6 8

PASSWORD

Setup the password for Parental Ratings change. The default password is 0000.

RATING

Following options are available for the Parental Ratings:

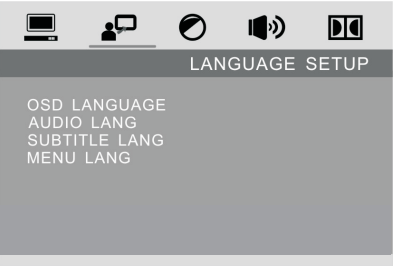
- 1 KID SAFE
- 2 G
- 3 PG
- 4 PG 13
- 5 PG - R
- 6 R
- 7 NC - 17
- 8 ADULT

The Parental Ratings could be changed after the correct password input.

DEFAULT

The unit will restore all default settings by selecting this option.

LANGUAGE SETUP



OSD LANGUAGE

Following options are available for the OSD LANGUAGE:

- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- PORTUGUESE
- ITALIAN
- RUSSIAN
- DUTCH
- SWEDISH
- KOREAN
- DANISH
- NORWEGIAN
- POLISH
- HUNGARIAN

AUDIO LANGUAGE

Following options are available for the AUDIO LANGUAGE:

- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- PORTUGUESE
- ITALIAN
- RUSSIAN
- DUTCH
- SWEDISH
- KOREAN
- DANISH
- NORWEGIAN
- POLISH
- HUNGARIAN

SUBTITLE LANGUAGE

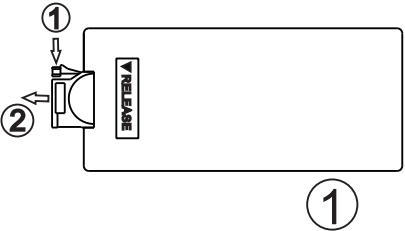
Following options are available for the SUBTITLE LANGUAGE:

- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- PORTUGUESE
- ITALIAN
- RUSSIAN
- DUTCH
- SWEDISH
- KOREAN
- DANISH
- NORWEGIAN
- POLISH
- HUNGARIAN

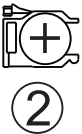
Replacing the batteries

If the operational range of the remote control becomes short or no function while operating, replace the batteries with new ones. Make sure the battery polarity is correct.

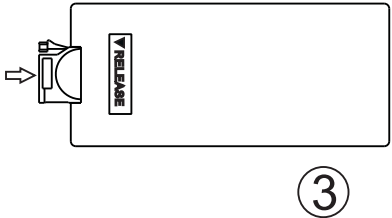
1. Press the “lock” as shown below first, then pull out the button cell.



2. Replace the button cell with new one and make sure polarity is correct .



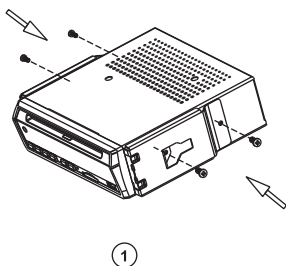
3. Push the button cell jar back into the remote.



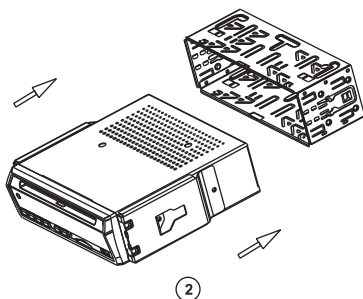
INSTALLATION AND REMOVAL

Installation Method 1:

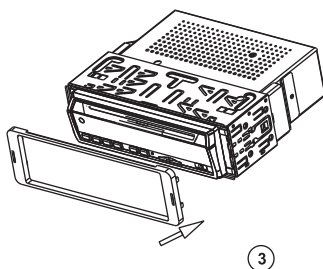
1. Tighten mounting bracket 2(accessory 11) to the side of the unit.



2. Hitch the mounting box(accessory 1) to the unit from rear to front.



3. Mount the frame (accessory 11) and check that it is hooked to the unit.



DVD SETUP MENU

SETUP MENU OPERATION

Press the [SETUP] button of remote control to enter the DVD SETUP Menu.

Press the [<] / [>] buttons to switch the main menus as following:

SYSTEM – LANGUAGE – VIDEO – SPEAKER – DIGITAL

Press the [^] / [v] buttons to enter the submenus from main menus.

Press the [^] button on the top submenu or press the [v] button on the bottom of submenu to exit the submenus to main menus.

Press the [^] / [v] buttons to select the submenus as your need.

Press the [>] or [ENTER] buttons to enter the items of submenu.

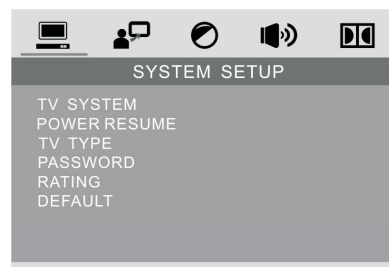
Press the [<] button to exit the items of submenu.

Press the [v] / [^] buttons to select the item you want to change.

Press the [ENTER] button to confirm the item you have selected and exit to the submenu.

Press the [SETUP] button of remote control or press the [ENTER] button on the submenu EXIT SETUP to exit the DVD SETUP Menu and save all settings.

SYSTEM MENU



TV SYSTEM

Following options are available for the TV Display:

NTSC PAL AUTO

POWER RESUME

Following options are available for the Power Resume:

ON OFF

TV TYPE

Following options are available for the TV Display:

4 : 3 PS 4 : 3 LB 16 : 9

SUBTITLE

For DVD disc, press this button to select subtitle language.

RESET

Press this button to restore the default settings. User need to press POWER button to restart the unit after reset.

ANGLE

Press this button to select different visual angles if stored on the DVD disc.

Slow

When read DVD disc or VCD disc Press the SLOW button to activate slow motion playback.

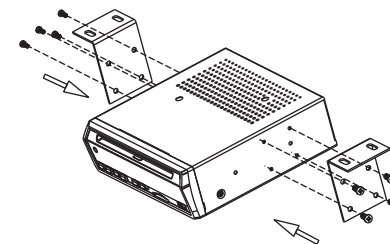
Program

When playing VCD disc or CD disc or Mp3 disc, press Program button enter program status, press the number buttons to enter the track number you want to playback, If you want to exit, press the PROGRAM button again.

NOTE: You must press stop at first the press PROG to turn on programma function.

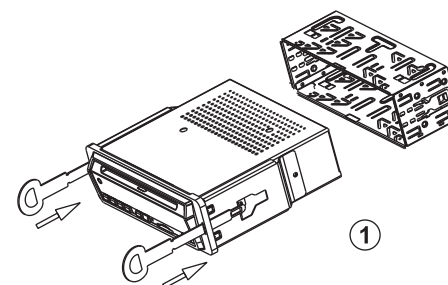
Installation Method 2:

1. Select a position where the screw holes of the main unit become aligned with the mounting bracket 1's (accessory 3) tighten the screws on each side.

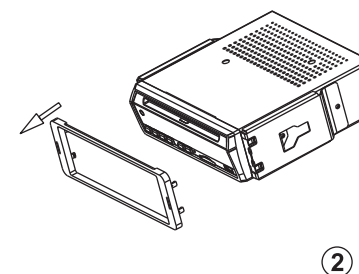


Removal Method 1:

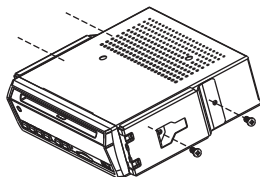
1. Insert the keys (accessory 7) into the holes at both sides of the unit until the mounting box can be removed.



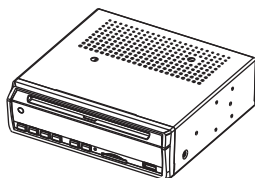
2. Remove the frame.



3. Remove mounting bracket 2 with screwdriver.



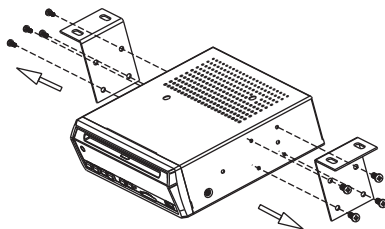
③



④

Removal Method 2:

1. Loosen the screws with screwdriver until mounting bracket 1 can be removed from the unit.



A/B

When read DVD/VCD disc, Press the button to make the disc repeated between point A and point B. Press the button once to select point A and press again to select point B. Then the unit will repeat the content between A and B. To make the disc played normally, just press A/B button the third time.

AUDIO

When playing a DVD disc, press the button to select audio language. When playing other kinds of disc, press the button to select audio channel.

PAL/NTSC

Press the button to select video output model(NTSC/PAL/PAL60/AUTO).

DISPLAY

Press this button to display the current playback information on the screen.

VOL+/VOL-

Press the button to adjust sound volume.

MUTE

Press this button to mute.

SETUP/A.MEMO

When there is a disc in the unit Press this button to enter setup menu.

PREVIOUS/NEXT

Press this button to go to the PREVIOUS/NEXT chapter, track or song.

TITLE

For DVD discs, press this button to enter the title menu, press the DIRECTION buttons and PLAY button to select and play.(only if supported by the discs.)

PBC

Press this button to return boot menu during playing VCD disc.

MENU/ADD DEL

When read DVD disc Press this button once to return to the boot menu. If user selected none of the chapters in the menu, and press MENU/ADD DEL again, ast position memory function will turn on and the disc will be played from where user last press the MENU/ADD DEL button.

BASIC PLAYBACK OPERATIONS

POWER/SOURCE

Hold on pressing this button to turn the unit ON or press the same button to turn the unit OFF.

Press this button to select the display mode as follows:

DVD → USB → SD CARD → DVD

PLAY/PAUSE

Press the button to play or pause.

EJECT

Press this button to load or eject disc.

STOP

Press this button once when playing, the unit stops and the stop location is memorized. When user press PLAY button after that, the unit will resume the playing. If user press STOP twice, then disc stops and unit will play the disc from the beginning when press PLAY button after that.

NUMBER BUTTON

Push the number buttons directly to play your favorite track.

For example:

Choose track 8, press the number button " 8 " ; and then press the ENTER button to confirm it

Choose track 18, press the number button " 1 " & " 8 " ; and then press the ENTER button to confirm it

DIRECTION BUTTON AND ENTER BUTTON

Press the DIRECTION button to move the cursor to the selected item, and then press the ENTER button to confirm it.

FF/FR

Press the button to select fast reverse or forward with different speed.

ZOOM

When playing DVD, VCD disc, press this button repeatedly to change the magnification levels.

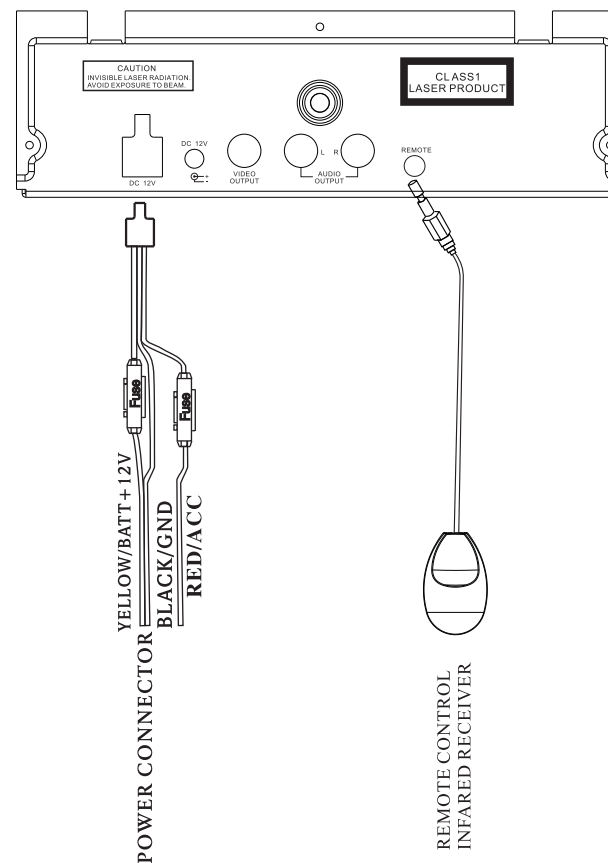
REPEAT

When playing DVD disc, press the button to repeat the title or current chapter.

When playing VCD or CD disc, press the button to repeat current track. When playing Mp3, press the button to repeat folder, the whole disc or current song.

NOTE: When playing VCD. If on the mode of PCB on, it has no function.

WIRE CONNECTION



DISC NOTES

■ Handling and Cleaning

- Dirty, dusty, scratched or warped discs may not play properly.
- Do not place stickers or make scratches on discs
- Do not warp discs.
- Store discs in their cases when not in use.
- Do not place discs in the following places:
 1. Direct sunlight.
 2. Dirty, dusty and damp areas.
 3. High temperature places.
 4. On the unit or dashboard.

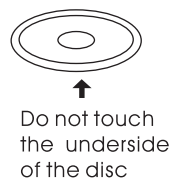
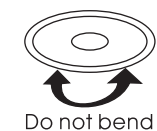
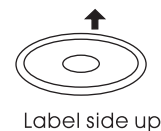
Disc Cleaning

Use a piece of dry soft cloth to wipe the surface. If the disc is dirty, then use a piece of soft cloth with a little isopropyl (rubbing) alcohol. Never use solvent such as benzene, thinner or conventional record cleaners which may mar the surface of the disc.

Note:

A disc may become somewhat scratched. (maybe it still can be played) the scratches are caused when the disc is touched by fingers or other objects and they are not symbols of mechanical problem of the player.

DISC OPERATION



Repairing New Discs with Rough Spots

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ballpoint pen or pencil. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.