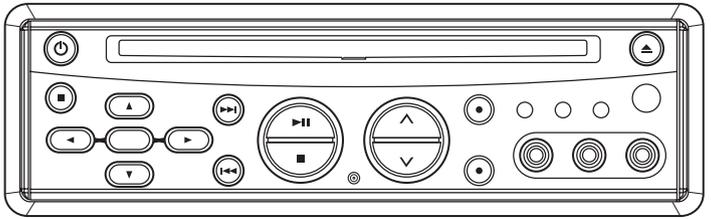
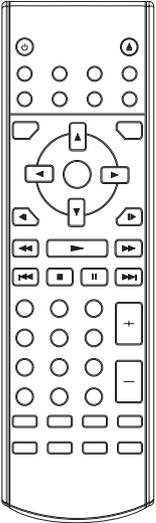


OWNER'S MANUAL

Mobile Video System



- **Digital Audio Out-Coaxial**
- **Multi-subtitle Languages Function**
- **Multi-audio Languages Function**
- **Multi-angle Function**
- **Parental Control**
- **Remote Control**

FEATURES

Compatible with PAL DVD (Video CD) and NTSC DVD (Video CD)

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

- A single LSI chip now 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. Video output is composite video.
- Supplied remote handles multi-function software (multi-language audio-track/subtitle, multi-angle, multi-story, etc.), plus all basic functions.

USE THIS PRODUCT SAFELY

When Driving

Keep the volume level low enough to be aware of road and traffic conditions.

When Car Washing

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

When Parked

Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.

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 Centres

Do not attempt to disassemble or adjust this precision product. Please refer to the Service Centre list included with this product for service assistance.

For Installation

The unit should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°.

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SAFETY INFORMATION

CAUTION:

MOBILE DVD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS MOBILE DVD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE MOBILE DVD PLAYER CORRECTLY 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 REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.
- THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Region Management Information

Region Management Information: This Mobile DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this Mobile DVD Player, this Mobile DVD Player cannot play this disc.

DISC NOTES

Disc formats supported by this player



DVD
12 cm disc
(Single-sided disc only)



Video CD
12 cm disc



CD
12 cm disc



MP3
12 cm disc

Discs which cannot be played with this player

- DVD-ROM
- DVD-R/DVD-RAM
- CDV
- CD-G

Handling and Cleaning

- Dirt, dust, scratches and warping disc will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damaging.
- Do not place discs in the following places:
 1. Direct sunlight
 2. Dirty, dusty and damp areas
 3. Near car heaters
 4. On the seats or dashboard

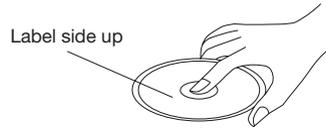
Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistured with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

Note:

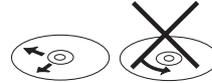
A disc may become somewhat scratched (although not enough to make it unusable) depending on your handle it and conditions in the usage environment.

Note these scratches are not an indication of any problem with the player.



Do not touch the underside of the disc

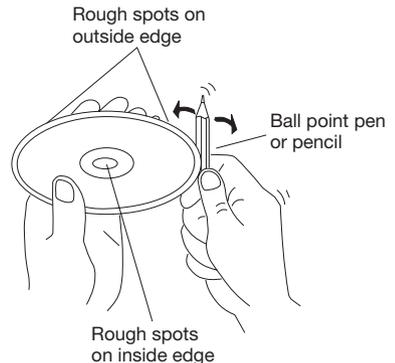
Do not bend



Wipe the disc from center toward the outside edge

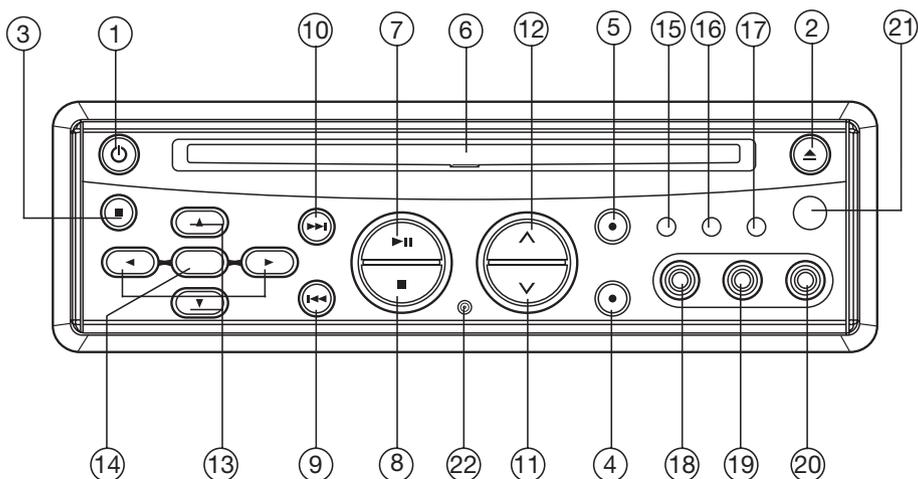
Preparing New Discs with Rough Spots

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 ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.



THE PLAYER

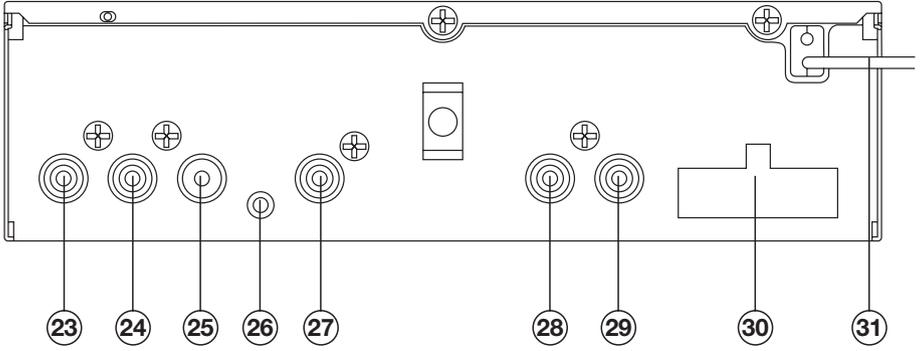
FRONT VIEW



- | | |
|----------------------|------------------------------------|
| 1. POWER (⏻) | 12. VOLUME ^ |
| 2. Eject (▲) | 13. ◀/▶, ▲/▼ cursor buttons |
| 3. SETUP | 14. ENTER |
| 4. AUDIO | 15. Indicator Light for DVD |
| 5. SOURCE | 16. Indicator Light for AV INPUT 1 |
| 6. Disc Slot | 17. Indicator Light for AV INPUT 2 |
| 7. PLAY/PAUSE (▶) | 18. VIDEO IN 1 |
| 8. STOP (■) | 19. AUDIO IN 1 L |
| 9. PREVIOUS (◀▶) | 20. AUDIO IN 1 R |
| 10. NEXT (▶▶) | 21. IR |
| 11. VOLUME v | 22. Reset button |

THE PLAYER

BACK VIEW



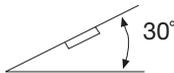
- 23. VIDEO 2 INPUT
- 24. AUDIO 2 L INPUT
- 25. AUDIO 2 R INPUT
- 26. REMOTE Socket
- 27. DIGITAL AUDIO

- 28. VIDEO 1 OUTPUT
- 29. VIDEO 2 OUTPUT
- 30. 14IN SOCKET
- 31. SUB. WOOFER OUTPUT

INSTALLATION

Notes:

- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

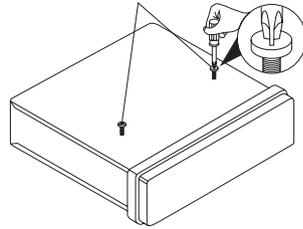
DIN FRONT/REAR-MOUNT

This unit can be properly installed either from "Front" (conventional DIN Front-mount) or "Rear" (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

TAKE OUT SCREW BEFORE INSTALLATION

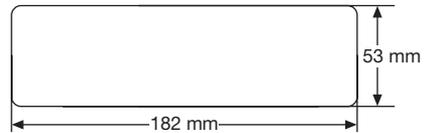
Before install the unit, please remove the two screws.

Take out screw before installation



DIN FRONT-MOUNT (Method A) Installation Opening

This unit can be installed in any dashboard having an opening as show below:

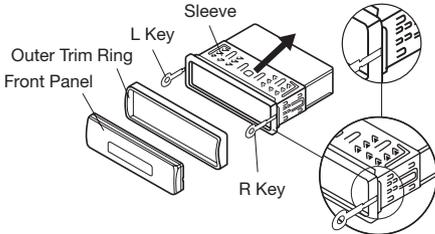


Installing the unit

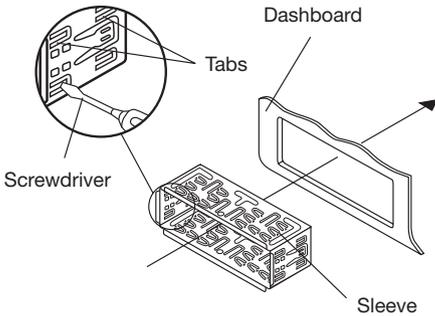
Be sure you test all connections first, and then follow these steps to install the unit.

1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Disconnect the wire harness and the antenna.
3. Press the release button on the front panel and remove the control panel (see the steps of "removing the front panel").
4. Lift the top of the outer trim ring then pull it out to remove it.
5. The two supplied keys release tabs inside the unit's sleeve so you can remove it. Insert the keys as far as they will go (will the notches facing up) into the appropriate slots at the middle left and right sides of the unit. Then slide the sleeve off the back of the unit.

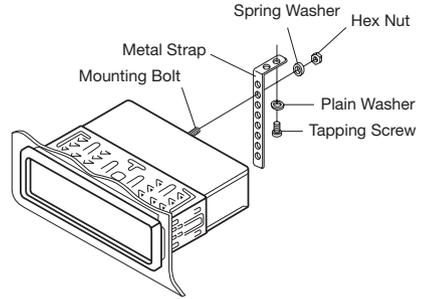
INSTALLATION



6. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screwdriver. Not all tabs will be able to make contact, so examine which ones will be most effective. Bending open the appropriate tabs behind the dashboard to secure the sleeve in place.



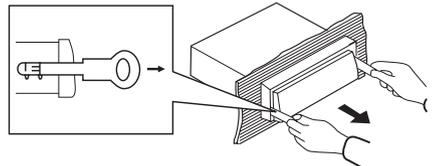
7. Reconnect the wire harness and the antenna and be careful not to pinch any wires or cables.
8. Slide the unit into the sleeve until it locks into place.
9. To further secure the unit, use the supplied metal strap to secure the back of the unit in place. Use the supplied hardware (Hex Nut (M5mm) and Spring Washer) to attach one end of the strap to the mounting bolt on the back of the unit. If necessary, bend the metal strap to fit your vehicle's mounting area. Then use the supplied hardware (Tapping Screw (5x25mm) and Plain Washer) to attach the other end of metal strap to a solid metal part of the vehicle under the dashboard. This strap also helps ensure proper electricalgrounding of the unit.



10. Reconnect the cable to the vehicle battery's negative (-) terminal. Then replace the outer trim ring and install the unit's front panel. (see the steps of "installing the front panel").

Removing the unit

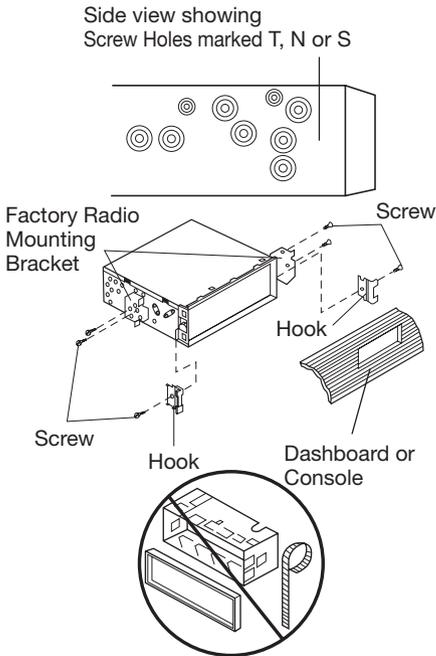
1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).
3. Press the release button to remove the front panel.
4. Lift the top of the outer trim ring then pull it out to remove it.
5. 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.



INSTALLATION

DIN REAR-MOUNT (Method B)

If your vehicle is a Nissan, Toyota or Suzuki, follow these mounting instructions. Use the screw holes marked T (Toyota), N (Nissan) or S (Suzuki) located on both sides of the unit to fasten the unit to the factory radio mounting brackets supplied with your vehicle.

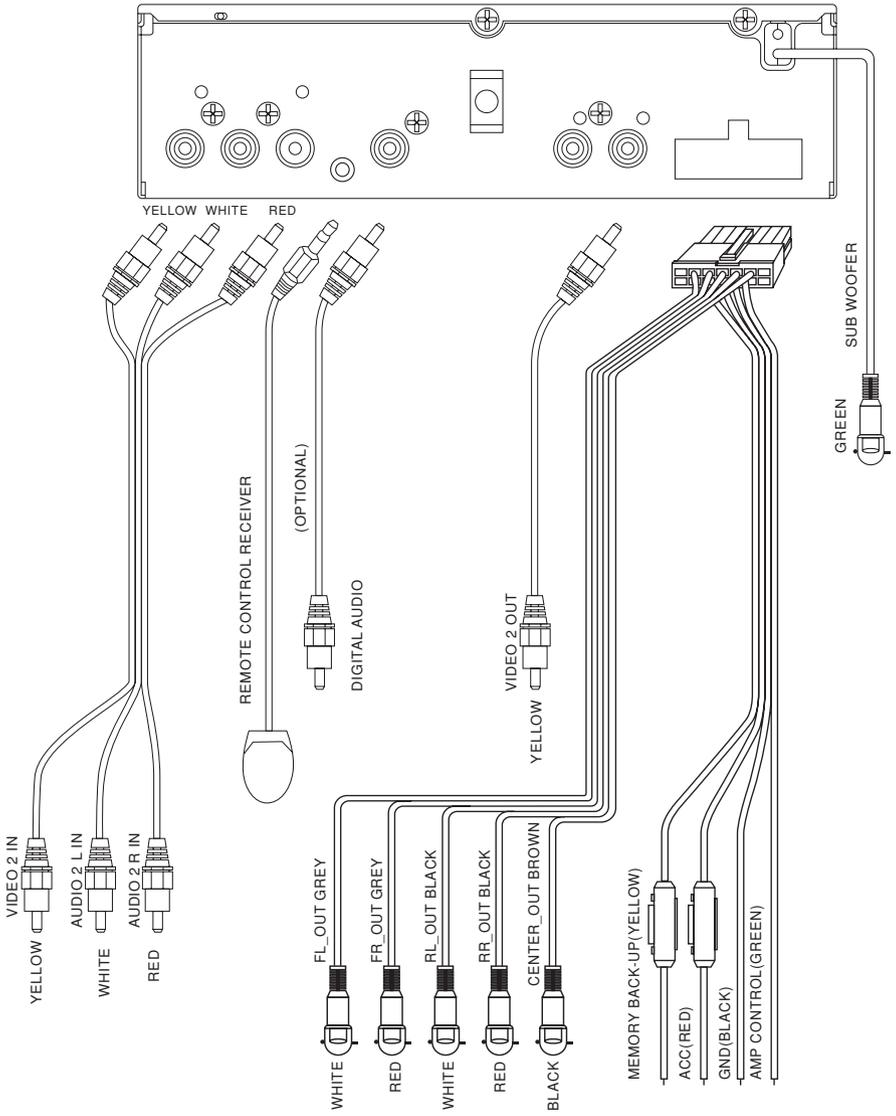


To fasten the unit to the factory radio mounting brackets.

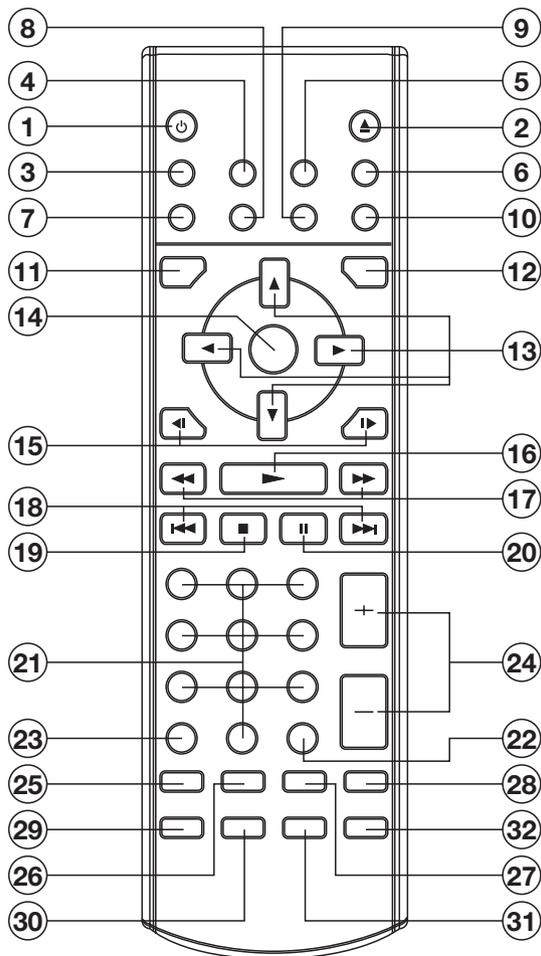
1. Use a screwdriver to loose the hook's screws on the front left and right sides of the unit and remove the hooks.
2. Align the screw holes on the bracket with the screw holes on the unit, and then tighten the screws on each side.
3. Fasten with the supplied truss screws (5x5mm) or flush surface screws (4x5mm), depending on the shape of the screw holes in the bracket.

Note: the outer trim ring, sleeve and the metal strap are not used for method B installation.

ELECTRIC CONNECTION



REMOTE CONTROL



REMOTE CONTROL

1.  POWER Press POWER to turn the unit ON or OFF.
2. EJECT Press to eject the disc.
3. MUTE Press to mute the sound.
4. SUBTITLE Changing of the SUBTITLE language on multi-subtitle language DVD disc.
5. ANGLE Changing of the view angle on multi-angle DVD disc.
6. DISPLAY Display statistical disc information during playback.
7. MODE Changing between DVD mode, AV1 mode and AV2 mode.
8. SETUP Display the SETUP menu.
9. PAL/NTSC Switch between PAL mode and NTSC mode.
10. AUDIO Changing of the AUDIO soundtrack on multi-audio soundtrack DVD disc. Changing of the sound mode of the VCD/CD disc.
11. TITLE Display the TITLE menu that is stored in DVD disc.
12. MENU Display the root menu that is stored on the DVD disc
13.  ,   In case of MENU mode,  ,  , buttons served as cursor buttons to select item left/right, ahead/back.
14. ENTER Confirm the Track/Chapter selected with the numeric buttons or selected with the cursor buttons on TV screen.
15.   Changing for slow forward/reverse playback motion.
16.  Press to play the disc.
17.   Press  to start forward rapidly &  to reverse rapidly.
18.   Press  to skip to the next track & press  to skip back one track.
19.  Press it to stop playback.
20.  Press it to pause playback.
21. 0 - 9 Numeric buttons
22. 10+ Digital selecting button, cooperatively used with numeric buttons.
23. CLEAR When you input a number in error, press the button to clear it.
24. VOLUME+/- Press VOLUME+/- button to increase or decrease the volume level.
25. ZOOM Allows the picture to be increased or decreased in size.
26. RESUME When in stop mode, press the button, then play can be resumed from the stop point.
27. GOTO Disc search button, cooperatively used with numeric buttons.
28. PBC Changing between PBC ON and PBC OFF on the VCD disc.
29. RANDOM Allows the track played in random order.
30. PROGRAM Allows the track played in the order you programmed.
31. REPEAT Switch the Repeat mode of discs.
32. A-B A-B repeat allows a passage to be repeated continuously.

REMOTE CONTROL

Preparing the Remote Control

Inserting the Batteries

1. Open the battery compartment cover.
2. Insert the new batteries. Make sure that the positive and negative terminals of the batteries are oriented indicated.
3. Close the cover
Battery: Two AAA size battery.

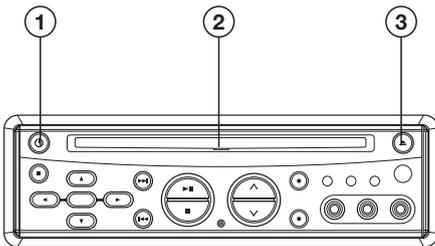
Using the Remote Control

Face the remote control towards the player front face **IR** mark (remote control signal receiver).

Operation angle: About ± 30 degree in each the direction of the front of the IR mark.

Loading a Disc

1. Turn the ignition on the the accessory position.
2. Press the **POWER** button (1).
3. Insert the disc with printed side facing up into the disc slot (2).
4. The player starts playback automatically.



Ejecting a Disc

Press **▲ (EJECT)** button (3) to eject the disc.

BASIC OPERATION

Stopping Play

- Brief press the ■ (Stop) button to stop the unit playback, when press the ► (Play) button it can continuous normal playback.
- Press ■ (Stop) button twice, it will stop the playback and go back to initial Track/Chapter.

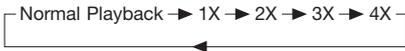
Rapid Forward/Rapid Reverse

Press ►► & ◀◀ during play. Each time the button is pressed, the speed of rapid forward/reverse changes according to the disc as follow.

DVD:



VCD/CD:



MP3:



Skipping Track

Press ►►/◀◀ buttons on the remote handset or on the front panel during playback.

Press ►► to skip to next track, and ◀◀ to back one track.

Note: For some VCD 2.0 discs (PBC-playback control), ►►/◀◀ buttons may be unavailable.

Slow Motion Play

Press ►/◀ during play.

Each time the button is pressed, the speed of slow forward/reverse changes according to the disc as follow.

DVD:



Pause (still picture)

Pressing || on the remote control or on the front panel during playback will stop play temporary. Return to normal playback, press ► on the remoter control or on the front panel.

MUTE

Will mute the sound, but the disc continues playing. When you unmute the sound (press MUTE again), a later passage will be playing.

Repeat

FOR DVD:

Press the REPEAT button to select repeat mode as follow.



FOR VCD/CD:

Press the REPEAT button to select repeat mode as follow.



1. Continuously repeat at the current chapter/ track, when selected REP-ONE mode.
2. Select REP-ALL mode to continuously repeat all chapter/track on the current disc.
3. When the player finish playback the current disc last chapter/track, it will stop display the elapsed time. When selected REPEAT OFF mode, REP-ONE & REP-ALL disappear at the screen display.
4. REPEAT feature does not support VCD2.0 (with PBC ON).

BASIC OPERATION

A-B

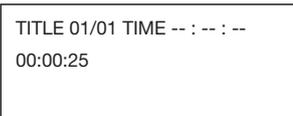
A-B repeat allows a passage to be repeated continuously. Press **A-B** button at the start of the required passage, then press **A-B** button again at the end of the passage. To revert to normal playing, press **A-B** button again. Each time the button pressed, the screen will display as follows:

A TO B SET A → A TO B SET B → A TO B CANCELLED

Disc Search (GOTO)

FOR DVD

Press **GOTO** button twice, the screen will display the following message:

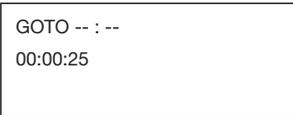


```
TITLE 01/01 TIME -- : -- : --
00:00:25
```

You can select the item you want to watch through TIME setting by using numeric buttons and ENTER key.

FOR VCD (WITH PBC OFF)/CD:

Press **GOTO** button once, the screen will display the following message:



```
GOTO -- : --
00:00:25
```

Use numeric buttons to input the time directly.

ZOOM

Allows the picture to be increased or decreased in size. Press **ENTER** to toggle among 1.5 scale, 2.0 scale and 3.0 scale.

RANDOM

Press **RANDOM** button, track selection will be made in random order. The display screen will show "SHUFFLE ON" on the right-top corner. Press **RANDOM** button again, "SHUFFLE OFF" appears and release the mode.

PROGRAM

In stop mode, press **PROGRAM** button, the screen will display "PROGRAM P00:00". For example: press numeric button 4 and ► button, "PROGRAM P01:04" appears. It means track 4 will be played first.

AV IN Selection

You can connect an audio/video device to the unit through the AUDIO/VIDEO INPUT jacks on the front panel. Press **SOURCE** button on the front panel to access AV IN mode and the indicator light for AV INPUT will illuminate. Press **SOURCE** button again to return DVD mode and the indicator light goes out.

Volume Level Adjustment

Press **VOLUME +/-** on the front panel or **VOLUME +/-** on the remote control to increase or decrease the volume level.

Remote Sensor (IR)

Point the remote handset to the remote sensor on the front panel. Receive the signal from remote handset.

Turning the player on/off

Press the ⏻ button on the front panel or press ⏻ button on remote control to turn the player on or off.

BASIC OPERATION

On-Screen Display Function

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

Example:

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:

The message on the screen will be cleared.

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:

```
TOTAL ELAPSED
00:00:25
```

(4) Press **DISPLAY** for the fourth time:

```
TOTAL REMAIN
00:40:35
```

(5) Press **DISPLAY** for the fifth time:

The message on the screen will be cleared.

CD:

(1) Press **DISPLAY** for the first time:

```
SINGLE ELAPSED
00:00:25

TOTAL TRACK : 14
TRACK : - 01
```

(2) Press **DISPLAY** for the second time:

```
SINGLE REMAIN
00:03:15

TOTAL TRACK : 14
TRACK : - 01
```

(3) Press **DISPLAY** for the third time:

```
TOTAL ELAPSED
00:00:25

TOTAL TRACK : 14
TRACK : - 01
```

BASIC OPERATION

(4) Press **DISPLAY** for the fourth time:

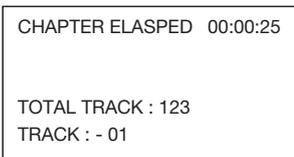


(5) Press **DISPLAY** for the fifth time:

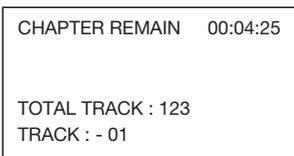
The message on the screen will be cleared.

MP3 (When set to NO MENU in SMART NAV item):

(1) Press **DISPLAY** for the first time:



(2) Press **DISPLAY** for the second time:



(3) Press **DISPLAY** for the third time:

The message on the screen will be cleared.

Multi-audio Language Function

For DVD:

Press **AUDIO** during playback. Each time the button is pressed, number of the audio soundtrack language changes on sequential order.

Notes:

- The language number is different according to the disc.
- Some disc only contain one language soundtrack.
- When no different language soundtrack are recorded,  will be displayed at screen left top corner.

For VCD/CD:

Press **AUDIO** during playback. It is possible to switch the sound between monaural and stereo sound.



MENU Function (For DVD Only)

Press **MENU** button while the disc is playing and the disc menu will be displayed. You can navigate with the remote control navigation keys and select a feature with the **ENTER** key.

TITLE Menu Function (For DVD only)

If the DVD has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.

- Press **TITLE** during playback. The title menu is display.
- Press the cursor button shown in TV screen, select preferred title by the cursor button and confirmed by **ENTER** key.

Multi-subtitle Language Function (For DVD only)

Press **SUBTITLE** during playback. Each time the button is pressed, number of the subtitle language changes in sequential order.

Notes:

- The language number is different according to the disc.
- Some discs only contain one subtitle language.
- When no different subtitle language are recorded,  will be displayed at screen left top corner.

Multi-angle Function (For DVD only)

Press **ANGLE** during playback. Each time the button is pressed, number of the angle changes in sequential order.

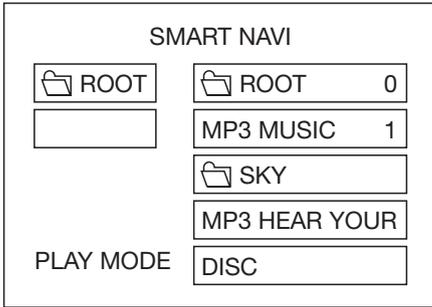
Notes:

- The angle number is different according to the disc.
- The function only works for discs having scenes recorded at different angles.
- When no different angle are recorded,  will be displayed at screen left top corner.

MP3 Disc Play

MP3 disc is playing as the format of FOLDER.

For example:



Use ▲/▼, ◀/▶ to select the item or folder, then press **ENTER** button. Pressing **REPEAT** button repeatedly can select three kinds of repeat play mode. REP-ONE:

Play the same song over and over again.

FOLDER REPEAT:

Play all songs in the current directory in sequence, over and over again.

FOLDER:

Play all songs in the current directory once.

When select PLAY MODE, press ▲/▼ to change between the following mode:

SINGLE → REP-ONE → FOLDER → FOLDER REP →
 DISC SCAN → **DISC** → DISC REP → RANDOM →
 SHUFFLE ON → PROGRAM PXXX

In the playback, use ▲ or ▼ to skip an item ahead or back.

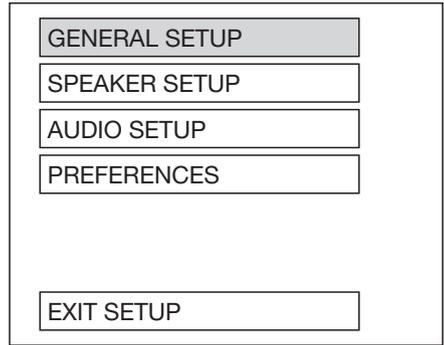
◀◀: Rapid reverse, ▶▶: Rapid advance

Note: The FOLDER cannot be selected during playing. It can be selected after

■ (Stop) button pressed.

INITIAL SETUP

SETUP MENU --- MAIN PAGE



1. Press **SETUP** in the stop mode. (Press the stop button twice to ensure the player under STOP mode.)
2. The initial SETUP menu is displayed.
3. Select the preferred item by using the ▲/▼ buttons.
4. Press ENTER buttons.
 - a. GENERAL SETUP
This setup page includes all the item of TV display & audio output feature. The detail please refer to **GENERAL SETUP MENU**.
 - b. SPEAKER SETUP
This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Please refer to **SPEAKER SETUP MENU**.
 - c. AUDIO SETUP
This setup page includes all the items for AUDIO. Please refer to **AUDIO SETUP MENU**.
 - d. PREFERENCE SETUP
This setup page includes all the configuration of support feature. The detail please refer to **PREFERENCES SETUP MENU**.

GENERAL SETUP

--- GENERAL PAGE ---

| | |
|------------|-----------|
| TV DISPLAY | NORMAL/PS |
| PIC MODE | NORMAL/LB |
| ANGLE MARK | WIDE |
| OSD LANG | |
| CAPTIONS | |
| SCR SAVER | |
| MAIN PAGE | |

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

TV display setup

This is to select the appropriate TV aspect (4:3 or 16:9) according to the connected TV set.

Normal/PS (For 4:3 TV)

Played back in the PAN & SCAN style. (If connected to wide-screen TV, the left and right edges are cut off.)

Normal/LB (For 4:3 TV)

Played back in letterbox style. (If connected to wide-screen TV, black bands appear at top and bottom of the screen.)

Wide (For 16:9 TV)

Select when a wide-screen TV set is connected.

--- GENERAL PAGE ---

| | |
|------------|-----------|
| TV DISPLAY | |
| PIC MODE | AUTO |
| ANGLE MARK | HI-RES |
| OSD LANG | N-FLICKER |
| CAPTIONS | |
| SCR SAVER | |
| MAIN PAGE | |

PIC mode setup

Select AUTO, the player PIC mode will depend on DVD disc.

Select HI-RES format for best image resolution.

Select N-FLICKER format on format on image or picture under noise affect.

--- GENERAL PAGE ---

| | |
|------------|-----|
| TV DISPLAY | |
| PIC MODE | |
| ANGLE MARK | ON |
| OSD LANG | OFF |
| CAPTIONS | |
| SCR SAVER | |
| MAIN PAGE | |

ANGLE MARK display setup

If it is set to ON, when the multi-angle DVD disc is playing, (the angle mark) will appears on the screen; if is set to OFF, the mark will not appear.

SETUP

--- GENERAL PAGE ---

| | |
|------------|---------|
| TV DISPLAY | |
| PIC MODE | |
| ANGLE MARK | |
| OSD LANG | ENGLISH |
| CAPTIONS | |
| SCR SAVER | |
| | |
| MAIN PAGE | |

OSD LANG type setup

Select the preferred OSD language by using the ▲ / ▼ buttons.

--- GENERAL PAGE ---

| | |
|------------|-----|
| TV DISPLAY | |
| PIC MODE | |
| ANGLE MARK | |
| OSD LANG | |
| CAPTIONS | |
| SCR SAVER | ON |
| | OFF |
| | |
| MAIN PAGE | |

SCR SAVER setup

Select the SCR SAVER output ON/OFF.

SPEAKER SETUP

--- SPEAKER SETUP PAGE ---

--- GENERAL PAGE ---

| | |
|------------|-----|
| TV DISPLAY | |
| PIC MODE | |
| ANGLE MARK | |
| OSD LANG | |
| CAPTIONS | ON |
| SCR SAVER | OFF |
| | |
| MAIN PAGE | |

CAPTIONS setup

Activate the CAPTIONS feature by selecting ON. And release this feature by selecting OFF.

| | |
|------------|--------|
| DOWNMIX | LT/RT |
| CENTER | STEREO |
| REAR | VSS |
| SUBWOOFER | OFF |
| CNTR DELAY | |
| REAR DELAY | |
| TEST TONE | |
| | |
| MAIN PAGE | |

DOWNMIX

Select LT/RT to activate the Dolby surround compatible output.

Select STEREO to activate simple stereo mode.

Select VSS to activate the virtual surround sound output.

When select LT/RT, STEREO and VSS, other items except DOWNMIX turn grey and can't be used currently.

Select OFF, all of the items can be used.

SETUP

--- SPEAKER SETUP PAGE ---

| | |
|------------|-----|
| DOWNMIX | |
| CENTER | ON |
| REAR | OFF |
| SUBWOOFER | |
| CNTR DELAY | |
| REAR DELAY | |
| TEST TONE | |
| | |
| MAIN PAGE | |

--- SPEAKER SETUP PAGE ---

| | |
|------------|-----|
| DOWNMIX | |
| CENTER | |
| REAR | |
| SUBWOOFER | ON |
| CNTR DELAY | OFF |
| REAR DELAY | |
| TEST TONE | |
| | |
| MAIN PAGE | |

CENTER

This is to activate the center speaker audio output ON or OFF. When set it to OFF, the CNTR DELAY item turns grey and can't be used.

SUBWOOFER

This is to set the subwoofer output ON or OFF

--- SPEAKER SETUP PAGE ---

| | |
|------------|-----|
| DOWNMIX | |
| CENTER | |
| REAR | ON |
| SUBWOOFER | OFF |
| CNTR DELAY | |
| REAR DELAY | |
| TEST TONE | |
| | |
| MAIN PAGE | |

--- SPEAKER SETUP PAGE ---

| | |
|------------|--|
| DOWNMIX | |
| CENTER | |
| REAR | |
| SUBWOOFER | |
| CNTR DELAY | |
| REAR DELAY | |
| TEST TONE | |
| | |
| MAIN PAGE | |

| | |
|--|-----|
| | 5MS |
| | |
| | 3MS |
| | |
| | 1MS |
| | OFF |

REAR

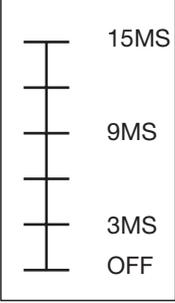
This is to activate the rear speaker audio output ON or OFF. When set it to OFF, the REAR DELAY item turns grey and can't be used.

CNTR DELAY

Select CNTR DELAY and adjust the delay time for center speaker audio output from 0 to 5MS.

SETUP

--- SPEAKER SETUP PAGE ---

| | |
|------------|---|
| DOWNMIX |  |
| CENTER | |
| REAR | |
| SUBWOOFER | |
| CNTR DELAY | |
| REAR DELAY | |
| TEST TONE | |
| MAIN PAGE | |

REAR DELAY

Select REAR DELAY and adjust the delay time for rear speaker audio output from 0 to 15MS.

--- SPEAKER SETUP PAGE ---

| | |
|------------|-----|
| DOWNMIX | |
| CENTER | |
| REAR | |
| SUBWOOFER | |
| CNTR DELAY | |
| REAR DELAY | |
| TEST TONE | ON |
| | OFF |
| MAIN PAGE | |

TEST TONE

When set it to ON, the unit will automatically test the tone from the speakers according to your setting in other items.

When set it to OFF, it will release the function.

AUDIO SETUP

--- AUDIO SETUP ---

| | |
|-------------|-----------|
| AUDIO OUT | ANALOG |
| OP MODE | SPDIF/RAW |
| DYNAMIC | SPDIF/PCM |
| LPCM OUTPUT | |
| MAIN PAGE | |

AUDIO OUT

This is to activate the audio output from ANALOG mode to SPDIF/RAW mode to SPDIF/PCM mode.

--- AUDIO SETUP ---

| | |
|-------------|----------|
| AUDIO OUT | |
| OP MODE | LINE OUT |
| DYNAMIC | RF REMOD |
| LPCM OUTPUT | |
| MAIN PAGE | |

OP MODE

There are two operating modes for the Dolby Digital decoder: LINE OUT and RF REMOD.

SETUP

--- AUDIO SETUP ---

| | |
|----------------|------|
| AUDIO OUT | |
| OP MODE | |
| DYNAMIC | |
| LPCM OUTPUT | |
| | FULL |
| | 6/8 |
| | 4/8 |
| | 2/8 |
| | OFF |
| MAIN PAGE | |

Dynamic Range Control

Select DYNAMIC and adjust the dynamic range of a Dolby Digital encoded program. There are 8 steps between full compression and off compression.

--- AUDIO SETUP ---

| | |
|--------------------|----------|
| AUDIO OUT | |
| OP MODE | |
| DYNAMIC | |
| LPCM OUTPUT | LPCM 48K |
| | LPCM 96K |
| MAIN PAGE | |

LPCM OUTPUT

Select the LPCM OUTPUT between LPCM 48K and LPCM 96K.

PREFERENCES SETUP

--- PREFERENCES PAGE ---

| | |
|-----------|-------------|
| TV TYPE | AUTO |
| AUDIO | NTSC |
| SUBTITLE | PAL |
| DISC MENU | |
| PARENTAL | |
| PASSWORD | |
| DEFAULTS | |
| SMART NAV | |
| MAIN PAGE | |

TV type setup

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

Select NTSC format, when you connected to NTSC TV.

Select PAL format, when you connected to PAL TV.

Select AUTO format, the player TV output format will be according to the DVD disc format.

--- PREFERENCES PAGE ---

| | |
|--------------|----------------|
| TV TYPE | |
| AUDIO | ENGLISH |
| SUBTITLE | FRENCH |
| DISC MENU | SPANISH |
| PARENTAL | CHINESE |
| PASSWORD | JAPANESE |
| DEFAULTS | |
| SMART NAV | |
| MAIN PAGE | |

AUDIO language setup

Select the preferred AUDIO soundtrack by using the cursor buttons.

SETUP

--- PREFERENCES PAGE ---

| | |
|-----------|----------|
| TV TYPE | |
| AUDIO | |
| SUBTITLE | ENGLISH |
| DISC MENU | FRENCH |
| PARENTAL | SPANISH |
| PASSWORD | CHINESE |
| DEFAULTS | JAPANESE |
| SMART NAV | OFF |
| MAIN PAGE | |

SUBTITLE language setup

Select the preferred SUBTITLE language by using the cursor buttons.

--- PREFERENCES PAGE ---

| | |
|-----------|-------------|
| TV TYPE | 1 G |
| AUDIO | 2 |
| SUBTITLE | 3 PG |
| DISC MENU | 4 PG 13 |
| PARENTAL | 5 |
| PASSWORD | 6 PG-R |
| DEFAULTS | 7 NC-17 |
| SMART NAV | 8 ADULT |
| MAIN PAGE | NO_PARENTAL |

PARENTAL

Select suitable parental guidance by the cursor buttons and conformed by pressing ENTER button.

--- PREFERENCES PAGE ---

| | |
|-----------|----------|
| TV TYPE | |
| AUDIO | |
| SUBTITLE | |
| DISC MENU | ENGLISH |
| PARENTAL | FRENCH |
| PASSWORD | SPANISH |
| DEFAULTS | CHINESE |
| SMART NAV | JAPANESE |
| MAIN PAGE | |

DISC MENU language setup

Select the preferred DISC MENU language by using the cursor buttons.

--- PREFERENCES PAGE ---

| | |
|-----------|--------|
| TV TYPE | |
| AUDIO | |
| SUBTITLE | |
| DISC MENU | |
| PARENTAL | |
| PASSWORD | CHANGE |
| DEFAULTS | |
| SMART NAV | |
| MAIN PAGE | |

PASSWORD

Select the change and press ENTER button. Type the old password (The initial factory code is 3308) and key in 4 characters password now you want to use, and retype again to confirm key in correctly.

SETUP

--- PREFERENCES PAGE ---

| |
|-----------|
| TV TYPE |
| AUDIO |
| SUBTITLE |
| DISC MENU |
| PARENTAL |
| PASSWORD |
| DEFAULTS |
| SMART NAV |
| MAIN PAGE |

RESET

DEFAULTS

Select reset to become factory initial setting.

--- PREFERENCES PAGE ---

| |
|-----------|
| TV TYPE |
| AUDIO |
| SUBTITLE |
| DISC MENU |
| PARENTAL |
| PASSWORD |
| DEFAULTS |
| SMART NAV |
| MAIN PAGE |

NO MENU
WITH MENU

SMART NAV

In this item, you can select NO MENU mode or WITH MENU mode.

DEFAULTS TABLE

| | | |
|---------------|--------------|-------------|
| General Setup | TV Display | Normal/LB |
| | PIC Mode | AUTO |
| | Angle Mark | ON |
| | OSD Language | English |
| | Captions | ON |
| | SCR Saver | ON |
| Speaker Setup | Downmix | Stereo |
| Audio Setup | Audio Out | SPDIF/RAW |
| | OP Mode | Line Out |
| | Dynamic | FULL |
| | LPCM Output | LPCM 96K |
| Preferences | TV Type | AUTO |
| | Audio | English |
| | Subtitle | English |
| | DISC Menu | English |
| | Parental | NO Parental |
| | Password | 3308 |
| | Smart NAV | With Menu |

SPECIFICATIONS

| | |
|-------------------------------------|--|
| Supply Voltage | : 12V DC (11V-15V), test voltage 14.4V, negative ground |
| Current Consumption | : Less than 2A |
| Signal System | : Compositive 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) 5" (12cm) disc |
| Audio Output Level | : 600Ω (2 ch 2.0 Vrms) |
| Audio Signal Output Characteristics | : (1) Frequency Response 20 Hz - 20 KHz (2) S/N Ratio 80 dB (JIS) (3) Wow and Flutter Below measurable limits |

Note:

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