OWNER'S MANUAL
Mobile Video System

VDVD155

DVD/VCD/CD/CD-R/CD-RW/MP3

DVD

MP3

Reset

PLAY/PAUSE   PREV   NEXT   STOP   DVD   REMOTE   AV   EJECT   POWER   AV INPUT

DVD VIDEO   VIDEO CD   COMPACT disc DIGITAL VIDEO   COMPACT disc DIGITAL AUDIO   COMPACT disc DIGITAL AUDIO MP3

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
Dolby Pro-logic/DTS Compatible
Digital Anti-Shock
NTSC/PAL Switchable
Front Audio, Video Input
Audio, Video Output
Coaxial Output

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

ACCESSORIES

1

Mounting Box x1

2

Steel Bar x1

3

Mounting Bracket 1 x 2

4

M4x5 Screws x8

5

AV Cable x 2

6

Rear Mounting Bolt x1 (Fixing at rear panel)

7

Keys x 2

8

Power Connector x1

9

Remote Control x 1

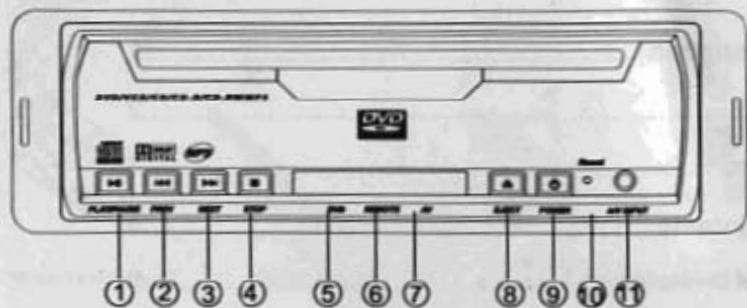**10**

Owner's Manual x1

11

Mounting Bracket 2 x2

12
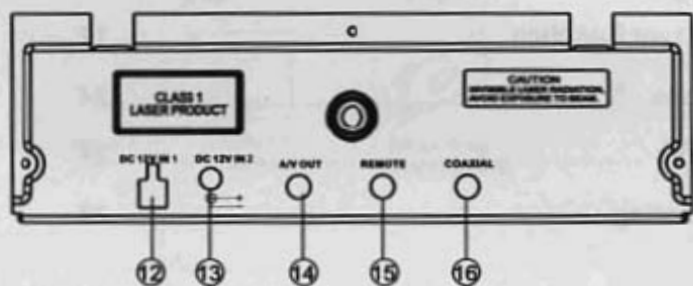
Frame x1

13

Remote Control Receiver x1

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FRONT PANEL DESCRIPTION

① PLAY/PAUSE
② PREVIOUS
③ NEXT
④ STOP
⑤ DVD LED
⑥ REMOTE

⑦ AV LED
⑧ EJECT
⑨ POWER
⑩ RESET
⑪ A/V INPUT

REAL PANEL DESCRIPTION

⑫ DC 12V IN 1
⑬ DC 12V IN 2
⑭ A/V OUT

⑮ REMOTE SOCKET
⑯ COAXIAL

REMOTE CONTROL DESCRIPTION
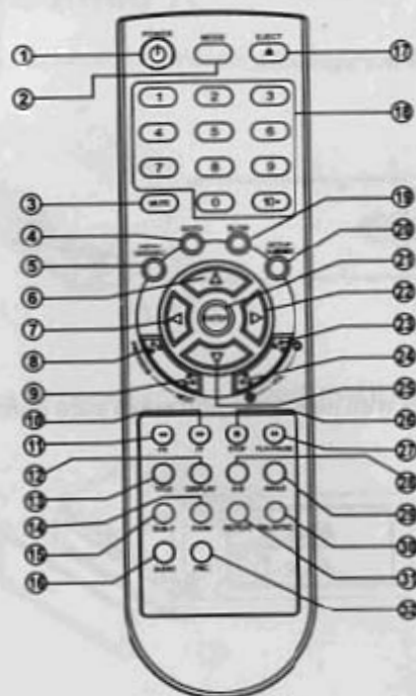
| ① POWER | ⑫ DISPLAY | ㉓ VOLUME+ |
② MODE	⑬ TITLE	㉔ VOLUME-
③ MUTE	⑭ ZOOM	㉕ DOWN
④ GOTO	⑮ SUBTITLE	㉖ STOP
⑤ MENU	⑯ AUDIO	㉗ PLAY/PAUSE
⑥ UP	⑰ EJECT	㉘ A-B
⑦ LEFT	⑱ NUMBER BUTTONS	㉙ ANGLE
⑧ PREVIOUS	⑲ SLOW	㉚ PAL/NTSC
⑨ NEXT	⑳ SETUP	㉛ REPEAT
⑩ FF	㉑ ENTER	㉜ PBC
⑪ FR	㉒ RIGHT	

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. Remove the cover of the batteries.

①
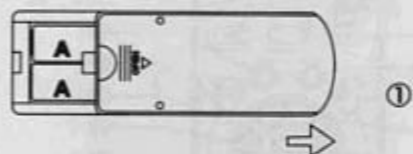
2. Replace the batteries with new ones and make sure polarity is correct.
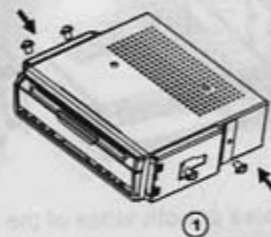

②

3. Close the cover.

③
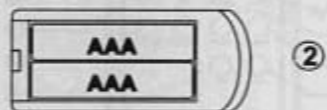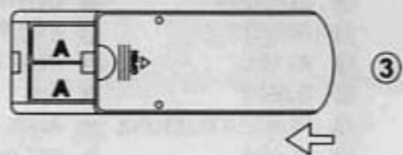
INSTALLATION AND REMOVAL

Installation Method 1:

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

①

2. Mount the frame (accessory 12)and check that it is hooked to the unit.

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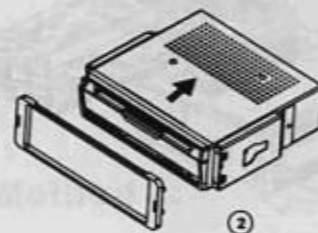
3. Hitch the mounting box(accessory 1) to the unit from rear to front.

③
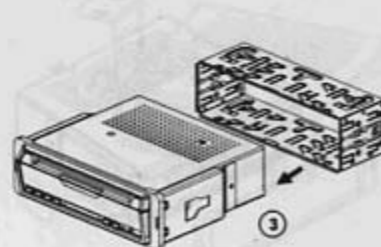
Installation Method 2:

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.

(1)
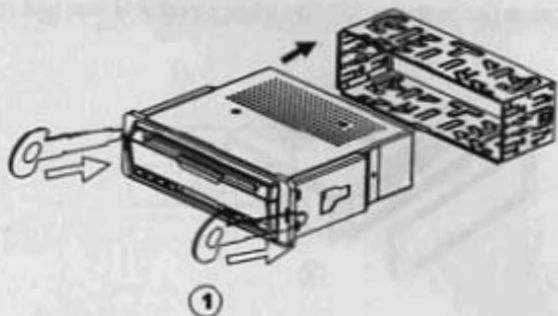
2. Remove the frame with the keys.

(2)
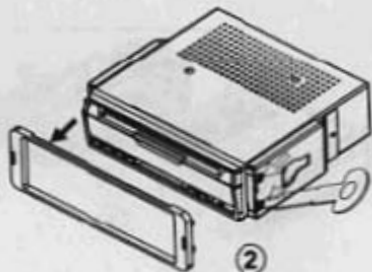
3. Remove mounting bracket 2 with screwdriver.

(3)

(4)
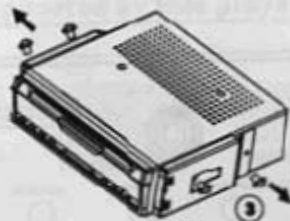
Removal Method 2:

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

WIRE CONNECTION
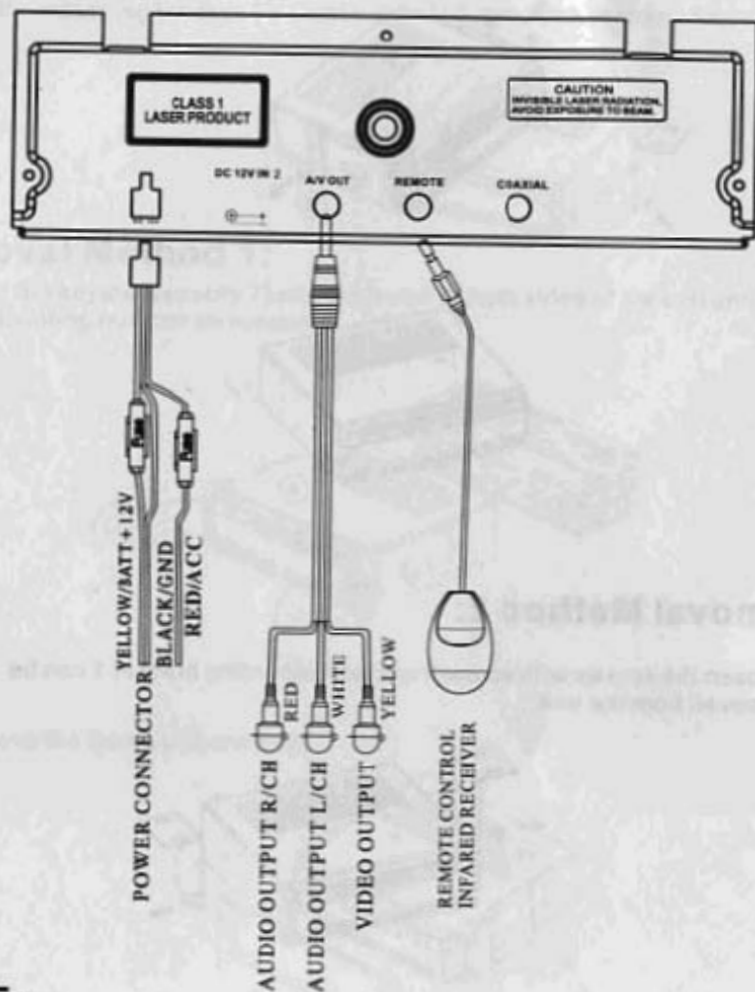
NOTE:

1. If you want to extend the operational range of remote control, you can insert the remote control receiver in the rear panel.

DISC NOTES

■ **Disc formats supported by this player**

(Only 12cm disc)

■ **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 became 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

Label side up

Do not bend

Do not touch the underside of the disc

Wipe the disc from the centre toward edge

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.

BASIC PLAYBACK OPERATIONS

PREPARATION

To play a disc, first press POWER button to turn on the unit and make sure that DVD indicator is on. Then insert disc and start to play. To use external A/V input, press mode button to select AV and insert A/V input cable.

MODE

Press this button to select the display mode: DVD/external AV input.

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 buttons to play your favorite track. If the track is from 1 to 9, you can directly press the number. If the track number is 10 and over, you should use button 10+ and the other number buttons together to select the track.

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

Press the button during normal playback to zoom a picture, 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.

A/B

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.

GOTO

Press this button to select time, track or chapter.

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(PAL/NTSC/AUTO).

DISPLAY

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

VOL+/VOL-

Press the button to adjust sound volume.

MUTE

Press this button to mute.

SETUP

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

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.

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.

SETUP OF PLAYER FUNCTION

This menu can be used to choose audio language, subtitle language, OSD language and DVD menu language. User need to set up these items when begin to play a DVD disc. When start to play a DVD disc, DVD player will automatically choose default language if it contains the language.

- You can press SETUP button on the remote control to bring this setup menu.
- Use UP/DOWN arrow buttons to select the Item that you want to change.
- Use LEFT/RIGHT arrow buttons to change your setting.
- Use UP/DOWN arrow buttons toexit the item you want.
- Use UP/DOWN arrow button to page icon and highlight it. Use LEFT/RIGHT arrow buttons to change setup menu page.
- After finishing your setting, you can choose SETUP to exit and save these modifications into memory.

GENERAL SETUP

（GENERAL SETUP MENU）

OSD LANGUAGE
This item is used to select OSD (On-screen Display) language. It includes:
- English

SCREEN SAVER
This item is used to open/close SCREEN SAVER.
- Open: Screen saver will automatically be executed if the screen keeps still for five minutes.
- Close: Screen saver would not be executed in any case.

LOAD SETUP DEF
This item is used to restore all menus as manufacture's defaults, except the item related to parent control sub-tem.
- RESET

LANGUAGE SETUP

(LANGUAGE SETUP MENU)

MENU
When you begin to play a DVD disc, this player will automatically select its default menu language. And you can choose your favorite menu language among follows:

- ENGLISH
- FRENCH
- RUSSIAN
- JAPANESE
- GERMAN

AUDIO

When you begin to play a DVD disc, this player will automatically select its default audio language. And you can choose your favorite audio language among the follows:
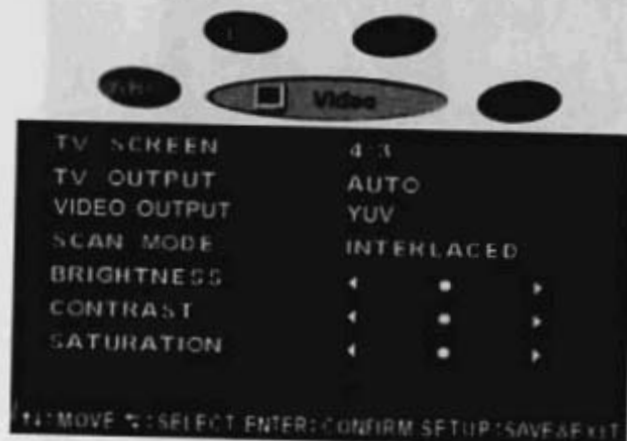
- ENGLISH
- FRENCH
- RUSSIAN
- JAPANESE
- GERMAN

SUBTITLE

When you begin to play a DVD disc, the default subtitle of this player will automatically be displayed. And you can choose your favorite subtitle language among the follows:

- ENGLISH
- FRENCH
- RUSSIAN
- JAPANESE
- GERMAN

VIDEO SETUP

(VIDEO SETUP MENU)

TV SCREEN

Which picture format appears on your TV depends on what kind of TV you have and the picture mode your TV is set to:

- 4:3: LETTER BOX refers to pictures where black bands appear at the top and bottom.
- 16:9: WIDE SCREEN for wide screen TV(Full Mode)

TV OUTPUT

This item is used to select a TV Signal system to match your TV set. It includes:

- AUTO
- NTSC
- PAL

VIDEO OUTPUT

User can choose video output model in this menu.

- YUV: Default video output model
- S-VIDEO: If S-VIDEO socket is provided, this item can be selected.

SCAN MODE

- INTERLACED(Interlaced scanning)

The default setting of the DVD player is INTERLACED (Interlaced Scanning)

BRIGHTNESS

This item is used to adjust the BRIGHTNESS to your screen

- Press ENTER button to enter this item
- Press LEFT/RIGHT arrow buttons to adjust brightness
- Press UP/DOWN arrow buttons to exit

CONTRAST

This item is used to adjust the CONTRAST to your screen

- Press ENTER button to enter this item
- Press LEFT/RIGHT arrow buttons to adjust contrast
- Press UP/DOWN arrow buttons to exit

SATURATION

This item is used to adjust the SATURATION to your screen.

- Press ENTER button to enter this item
- Press LEFT/RIGHT arrow buttons to adjust saturation
- Press UP/DOWN arrow buttons to exit

AUDIO SETUP

(AUDIO SETUP MENU)

CHANNEL
- **2CH STEREO:** Select stereo
- **2CH LT/RT:** Select left and right channel

DIGITAL OUTPUT
- **SET:** Each DVD disc has its own audio out put options. You can set up the DVD's digital audio output according to your speaker system. This item contains:
- **MPEG:** Select LPCM and BITSTREAM output and OFF.
- **PCM:** Select LPCM 48KHZ and LPCM 96KHZ output.
- **DIGITAL OUTPUT:** Turn digital output ON and OFF.
- **HDCD UPSAMPLE:** Turn HDCD up sample ON and OFF.
- **BACK:** Back to AUDIO SETUP MENU.

SECURITY SETUP

(SECURITY SETUP MENU)

PARENTAL CONTROL
The parental control is a rating system such as movie ratings.
This helps you control the types of DVD that your family watches.
For example, you could edit out violent scenes that are unsuitable for children.

- Use UP/DOWN to select password item, and enter a personal 4-digital right security code.

- Use UP/DOWN to select parent control, and use LEFT/RIGHT to select the parental control level.

- Press UP/DOWN to exit.
  You can not play DVD discs rated higher than the level you selected unless you cancel the parental control function.

Note: This feature works with DVD discs that have been assigned a rating.

CHANGING PARENTAL CONTROL PASSWORD

- Use UP/DOWN arrow buttons to select password item.
- Enter old 4-digital security code
- Then enter new 4-digital security code
- Re-enter to confirm you 4-digital security code.
- Press UP/DOWN arrow button to exit.

Note: New 4-digital security code will take effect after closing the setup menu.

NOTE:
The default password is 0000.

SPECIFICATIONS

Supply voltage	: 12V DC (10.5V-16V), negative ground
Current consumption	: Less than 2A
Signal system	: Composite video 1.0Vp-p 75Ω
Disc compatible	: 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 output level	: 600Ω (2ch 1.8Vms)
Audio signal output	
Characteristics	:

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) 165x160x50(mm)
   (W/D/H)
6) Mounting (approx) 395x235x95(mm)
   (W/D/H)

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

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.

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.