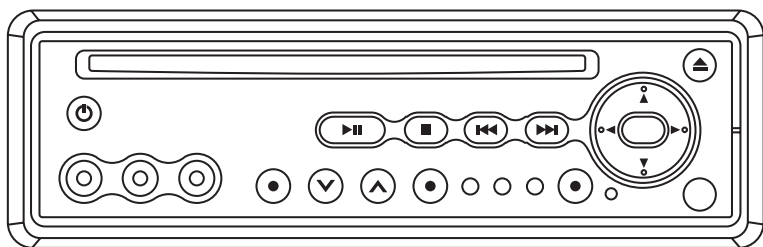# Goodmans

---

INSTRUCTION

MANUAL

Model GCE 5001DVD
Home and Go DVD/CD
Player with Monitor

e 1
083286

$C\epsilon$

IMPORTANT SAFEGUARDS

For your own safety read following instructions carefully before attempting to connect this clock radio to the mains.

Mains Supply: 230V ~ 50Hz - AC only

This unit is designed to operate on a 230V ~ 50Hz supply only. Connecting it to other power sources may damage it. Ensure that the supply corresponds to the information on the rating label on the bottom of the unit.

This clock radio may be fitted with a non-rewireable plug. If it is neccssary to change the fuse in a non-rewireable plug the fuse cover must be refitted.

If the fuse cover becomes lost or damaged, the plug must not be used until a replacement, available from the manufacturer, is obtained. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

If the plug needs to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug must then be disposed of safely, as insertion into a 13A socket is likely to cause an electrical hazard.

IMPORTANT

The wires in the mains plug should be connected as shown in the diagram.

The colours of the wires in the mains lead of the unit may not correspond with the coloured markings identifying the terminals in your plug. Connect them as follows:-

The wire which is coloured blue must be cpmmected to the terminal which is marked with the letter 'N' or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red.

There should be no connection to the earth terminal of your plug.

If a 13 Amp (BS 1363) Plug is used, a 3 Amp Fuse must be fitted, or if any other type of Plug is used a 3 Amp or 5 Amp Fuse must be fitted, either in the Plug or Adaptor, or on the Distribution Board.
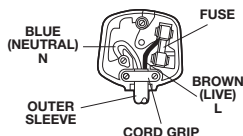
This symbol means that this unit is double insulated. An earth connection is not required.

DANGER

LASER SAFETY

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO This unit employs a laser. Only a qualified service person should remove the cover or attempt to service.

CAUTION

To prevent electric shock, disconnect from the mains before removing cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

IMPORTANT NOTES

Hearing is very important to you and to us so please take care when operating this equipment . It is strongly recommended that you follow the listed guidelines in order to prevent possible damage or loss of hearing.

ESTABLISH A SAFE SOUND LEVEL

- Over time your hearing will adapt to continuous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact be harmful.
- To guard against this **BEFORE YOUR HEARING ADAPTS** set the volume at a level.
  Slowly increase the level until you can hear comfortably and clearly and without distortion.
- Damage to your hearing is accumulative and is irreversible.
  Any ringing or discomfort in the ears indicates that the volume is too loud.
- Remember listening for prolonged period of time at high volume levels will harm your hearing.

Once you have established a comfortable listening level. DO NOT INCREASE THE SOUND LEVEL FURTHER.

The following list of typical sound levels may assist you recognizing just how loud you have set the volume level.

DECIBEL

Level (dB)	Example
30dB	Quiet library, soft whispers
40dB	Living room, fridge freezer, bedroom away traffic
50dB	Normal conservation, quiet office, light traffic
60dB	Electric sewing machine
70dB	Vacuum cleaner, hair dryer, noisy restaurant

THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

80dB	Average city traffic, alarm clock buzzer at 2 feet, loud mixer
90dB	Motorcycle, heavy goods vehicle, petrol lawn mower.
100dB	Pneumatic drill, chain saw, garbage truck, discotheque right-club
120dB	Rock band concert, thunderclap fast train passing by.

PERMANENT LOSS OF HEARING

140dB   **THRESHOLD OF PAIN** Gunshot 2 feet away, jetplane taking off.

☐ 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. Allow the interior 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.

Protect the Disc Mechanism
Avoid inserting any foreign objects into the slot of this player.
Failure to observe this may cause malfunction due to the precise mechanism of this unit.

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

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

CONTENTS

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
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 warped discs 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 scratched (although not enough to make it unusable) depending on how you handle it and conditions in the usage environment. Note these scratches are not an indication of any problem with the player.
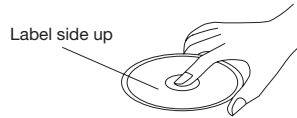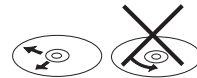
Label side up

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 ballpoint pen or pencil as shown below. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.
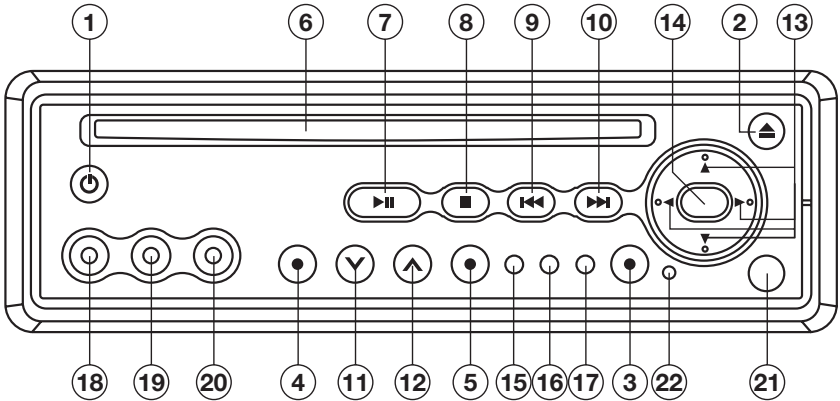
Rough spots on outside edge
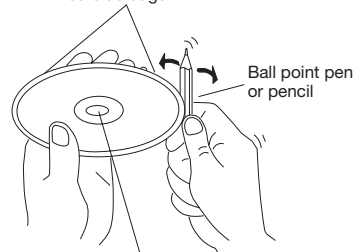
Ball point pen or pencil
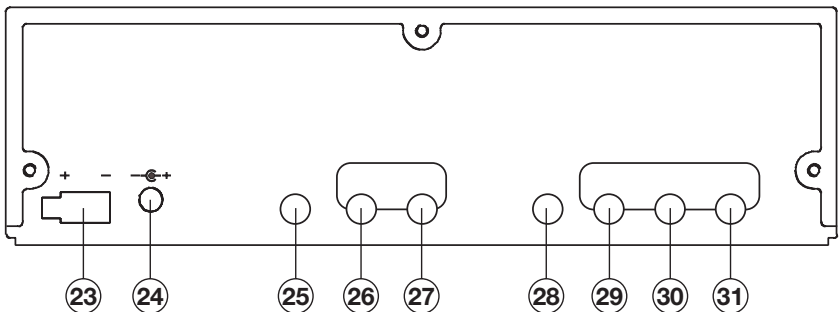
Rough spots on inside edge

THE PLAYER

FRONT VIEW

1. Power (⏻)
2. EJECT(⏏)
3. SETUP
4. AUDIO
5. SOURCE
6. Disc Slot
7. PLAY/PAUSE (▶II)
8. STOP (■)
9. PREVIOUS(I◀◀)
10. NEXT(▶▶I)
11. VOLUME down (∨)

12. VOLUME up (∧)
13. ◀ / ▶ , ▲ / ▼ cursor buttons
14. ENTER
15. Indicator Light for DVD
16. Indicator Light for AV INPUT 1
17. Indicator Light for AV INPUT 2
18. VIDEO IN 1
19. AUDIO IN 1 L
20. AUDIO IN 1 R
21. IR Sensor
22. Reset button

BACK VIEW

23. DC 12V INPUT Socket
24. DC 12V OUTPUT Socket
25. REMOTE Socket
26. VIDEO 2 INPUT
27. AUDIO 2 INPUT L/R

28. DIGITAL AUDIO
29. VIDEO 1 OUTPUT
30. AUDIO OUTPUT L/R
31. VIDEO 2 OUTPUT

INSTALLATION
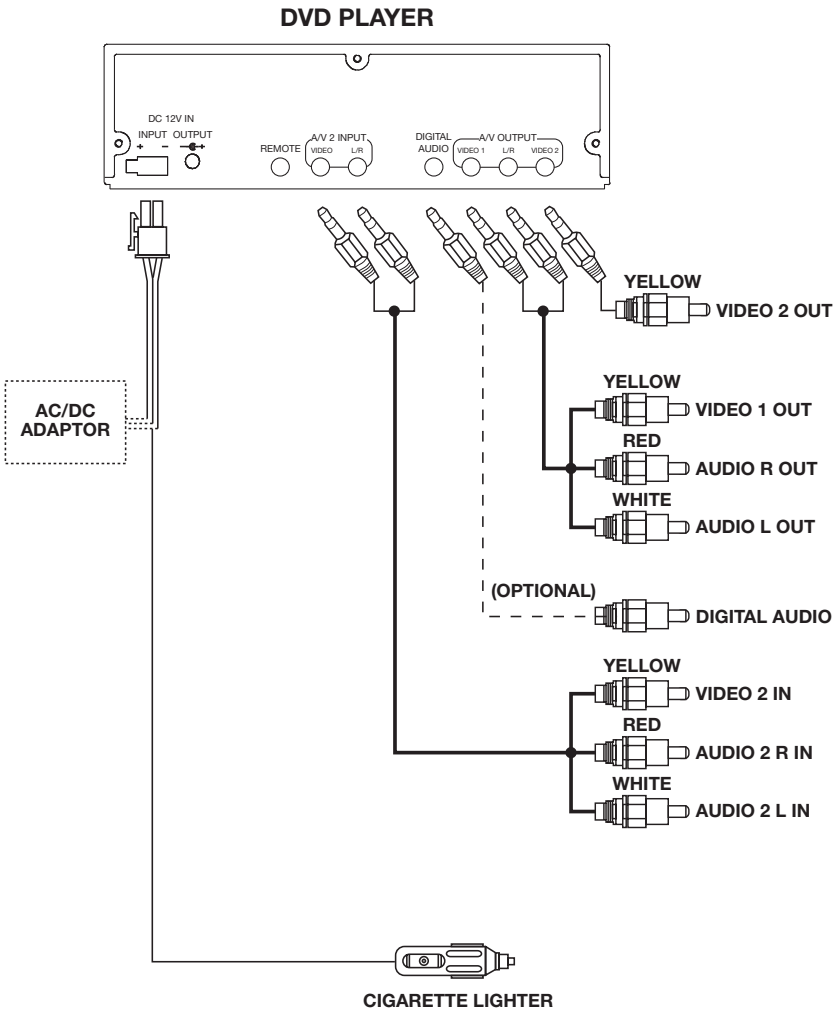
This unit is designed for home-use and car-use. When installed on the car, please follow the installation instruction below.

REMOVE THESE TWO TRANSIT SCREWS

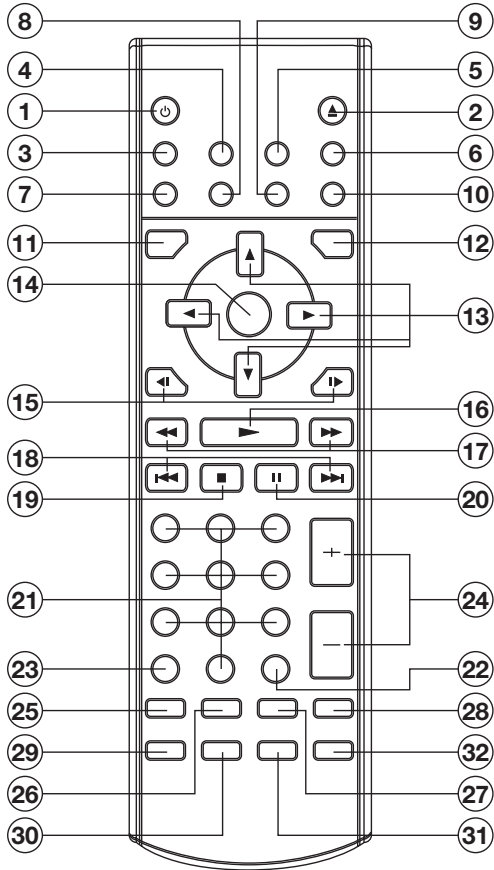DOUBLE SIDED FIXING TAPE

ORNAMENTAL BOARD

COLUMN
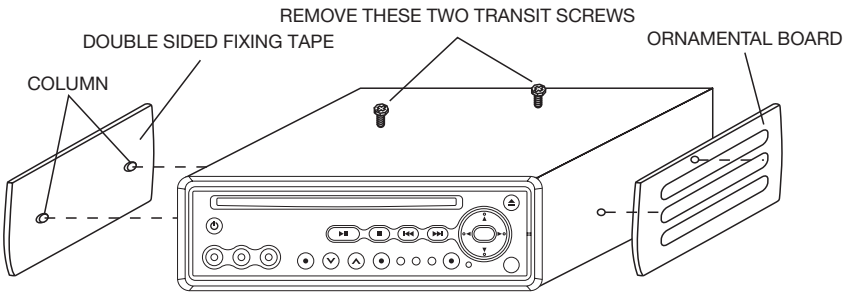
Note:
First remove the two screws before connecting and operating the player.

ELECTRICAL CONNECTION

DVD PLAYER

AC/DC ADAPTOR

YELLOW — VIDEO 2 OUT

YELLOW — VIDEO 1 OUT
RED — AUDIO R OUT
WHITE — AUDIO L OUT

(OPTIONAL) — DIGITAL AUDIO

YELLOW — VIDEO 2 IN
RED — AUDIO 2 R IN
WHITE — AUDIO 2 L IN

CIGARETTE LIGHTER

REMOTE CONTROL

LOCATION AND FUNCTION OF KEYS

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   Change SUBTITLE language on multi-subtitle language DVD disc.
5. ANGLE   Change the viewing angle on multi-angle DVD disc.
6. DISPLAY   Display 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   Change the AUDIO soundtrack on multi-audio soundtrack DVD disc.
    Change the sound mode of the VCD/CD discs.
11. TITLE   Display the TITLE menu of a DVD disc.
12. MENU   Display the root menu of a DVD disc.
13. ◄ / ► , ▲ / ▼   When viewing a menu, ◄ / ► , ▲ / ▼ buttons serve as cursor buttons to select item left/right, up/down.
14. ENTER   Confirm the Track/Chapter selected with the numeric buttons or selected with the cursor buttons on TV screen.
15. |► / ◄| Slow motion forward/ reverse playback.
16. ►   Press to play the disc.
17. ◄◄ / ►►   Press ►► to search forward rapidly & ◄◄ to search reverse rapidly.
18. ►►| / |◄◄   Press ►►| to skip to the next track & press |◄◄ to skip back one track.
19. ■   Press to stop playback.
20. ❚❚   Press to pause playback.
21. 0-9   Numeric buttons
22. 10+   Used to select numbers higher than 10.
23. CLEAR   When you input a number in error, press 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, the play can be resumed from the stop point.
27. GOTO   Disc search button, used with numeric buttons.
28. PBC   Change between PBC ON and PBC OFF for VCD discs.
29. RANDOM   Play tracks in random order.
30. PROGRAM   Play tracks in the order you programmed.
31. REPEAT   Change 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 as indicated.
3. Close the cover.
   - Battery: Two AAA size battery

Using the Remote Control
Point the remote control towards the **IR** sensor on the front of the DVD player (remote control signal receiver).
Operation angle: About ±30 degree in each the direction of the **IR** sensor.

Loading a Disc
1. When using in the car, turn the ignition on.
2. Press the **POWER** button (1).
3. Insert the disc with printed side facing up into the disc slot (2).
4. The player will start playback automatically.

Ejecting a Disc
Press ▲ (**EJECT**) button (3) to eject the disc.
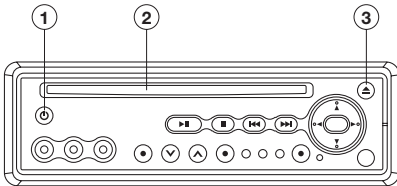
OPERATION

BASIC PLAY

Stopping play
- Briefly press the ■ (Stop) button to stop playback. After pressing the ► (Play) button it will continue normal playback from the stopped point.
- Press ■ (Stop) button twice, it will stop the playback and after pressing the ► (Play) button go back to initial Track/Chapter.

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

Normal Playback → 2X → 4X → 6X → 8X

VCD/CD:

Normal Playback → 1X → 2X → 3X → 4X

MP3:

Normal Playback → 2X → 4X
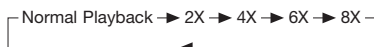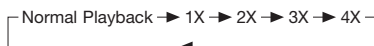
Skipping track
Press ►►I / I◄◄ on the remote control or buttons on the front panel during playback.

Press ►►I to skip to next track, and I◄◄ to skip back one track.
Note: For some VCD2.0 discs (PBC-playback control), ►►I / I◄◄ buttons may be unavailable.

Slow motion play
Press I► / ◄I during play.
Each time the button is pressed, the speed of slow motion forward /reverse changes according to the disc as follow.
DVD:

Normal Playback → 2X → 4X → 8X
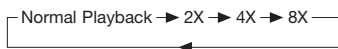
Pause (still picture)
Pressing ❚❚ on the remote control or ►❚❚ on the front panel during playback will stop play temporary. To return to normal playback, press ► on the remote control or ►❚❚ on the front panel.

MUTE
Will mute the sound, but the disc continues playing. To unmute the sound press **MUTE** again.

REPEAT

FOR DVD:
Press **REPEAT** button to select repeat mode as follow:

CHAPTER REPEAT ON → TITLE REPEAT ON → REPEAT OFF

FOR VCD/CD:
Press the REPEAT button to select repeat mode as follow.

REP-ONE → REP-ALL → REPEAT OFF

1. Continuously repeat the current chapter/track, when REP-ONE mode is selected.
2. Select REP-ALL mode to continuously repeat all chapters/tracks on the current disc.
3. REPEAT feature's not supported on VCD2.0 Discs (with PBC ON).

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

OPERATION

Disc Search (GOTO)

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

```
TITLE 01/01 CHAPTER 007 / 020
```

Select the chapter you wish to view using the numeric buttons. Confirm your choice by pressing **ENTER** key.

Press **GOTO** button twice, the screen will display the following message:
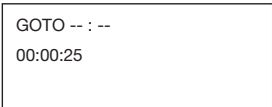
```
TITLE 01/01 TIME -- : -- : --
00:00:25
```

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

FOR CD/VCD (WITH PBC OFF):
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 between 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.

MODE SELECTION
Press **SOURCE** button on the front panel of the unit or **MODE** button on the remote control to select DVD, AV1 or AV2 mode. After selecting a mode, the corresponding indicator on the front panel will be illuminated.

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 **IR** on the front panel.

Turning the player on/off
Press the ⏻ (**POWER**) button on the front panel or on the remote control to turn the player on or off.

Reset
Reset button is placed on the front panel and must be activated with either a ballpoint pen or thin metal object. The reset button is to be activated for the following reasons:
- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

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** once:

```
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 ELASPED
00:00:25

TOTAL TRACK : 14
TRACK : - 01
```

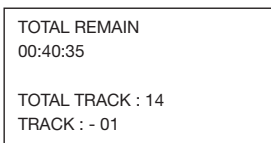(2) Press **DISPLAY** for the second time:

```
SINGLE REMAIN
00:03:15

TOTAL TRACK : 14
TRACK : - 01
```

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

```
TOTAL ELASPED
00:00:25

TOTAL TRACK : 14
TRACK : - 01
```

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

```
TOTAL REMAIN
00:40:35

TOTAL TRACK : 14
TRACK : - 01
```

(5) Press **DISPLAY** for the fifth time:
The message on the screen will be cleared.

MP3 (when set to NO MENU in SMART NAV menu):
(1) Press **DISPLAY** for the first time:

```
CHAPTER ELASPED   00:00:25


TOTAL TRACK : 123
TRACK : - 01
```

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

```
CHAPTER REMAIN      00:04:25


TOTAL TRACK : 123
TRACK : - 01
```
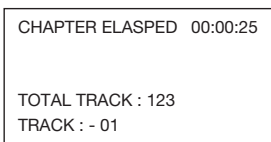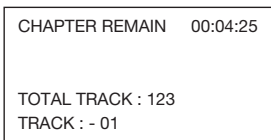
(3) Press **DISPLAY** for the third time:
The message on the screen will be cleared.

Multi-audio language function

For DVD

Press **AUDIO** on the remote control or on the front panel 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 discs only contain one language soundtrack.
- When no different language soundtrack are recorded, 🖑 will be displayed in the left top corner of the screen.

For VCD/CD

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

MONO LEFT ➔ MONO RIGHT ➔ STEREO

MENU function (For DVD Only)

Press **MENU** button while the disc is playing and the disc root 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, the preferred title can be selected from the title menu to start playback.
1. Press **TITLE** during playback.
   - The title menu is display.
2. Use the cursor button to select preferred title 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 in the left top corner of the screen.

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 that have scenes recorded at different angles.
- When no different angle is recorded, 🖑 will be display in the left top corner of the screen.

OPERATION

MP3 Disc Play

The SMART NAVI displays the contents of a MP3 disc in the format of folders.

```
              SMART NAVI
  ┌──────────┐  ┌──────────────────┐
  │ 🗀 ROOT  │  │ 🗀 ROOT        0 │
  └──────────┘  ├──────────────────┤
  ┌──────────┐  │ MP3 MUSIC      1 │
  │          │  ├──────────────────┤
  └──────────┘  │ 🗀 SKY           │
                ├──────────────────┤
                │ MP3 HEAR YOUR    │
  PLAY MODE     ├──────────────────┤
                │ DISC             │
                └──────────────────┘
```
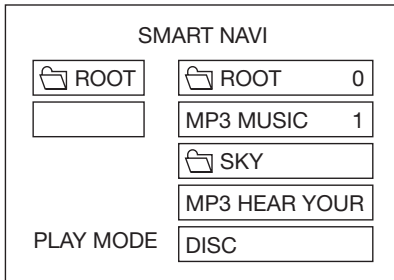
Use ◄ / ► , ▲ / ▼ on the remote control or on the front panel of the unit to select the item or folder, then press **ENTER** button.

Press the REPEAT button to cycle through the following types of repeat play in order.

REP-ONE: Play the same song over and again.

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

FOLDER: Play all songs in the current directory once.

Use the ◄ / ► to select play mode. When play mode is selected use ▲ / ▼ to change between the following mode:

SINGLE→►REP-ONE→►FOLDER→►FOLDER REP→►

DISC SCAN→► DISC →►DISC REP→►RANDOM→►

SHUFFLE ON→►PROGRAM PXXX

During playback use ►►❙ or ❙◄◄ to advance or reverse one track.
◄◄ : Rapid reverse, ►► : Rapid advance.
Note: The FOLDER cannot be selected during playing. It can be selected after ■ (Stop) button pressed.

SETUP

INITIAL SETUP

SETUP MANU --- MAIN PAGE

GENERAL SETUP
SPEAKER SETUP
AUDIO SETUP
PREFERENCES

EXIT SETUP

1. Press **SETUP** on the remote control or on the front panel in the stop mode. (Press the stop button twice to ensure the player is in 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 menu includes all the item of TV display & Audio output feature.
   For details please refer to **GENERAL SETUP MENU.**

   b/. SPEAKER SETUP
   Use this menu 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 menu includes all the items for AUDIO. Please refer to **AUDIO SETUP MENU.**

   d/. PREFERENCES SETUP
   This setup menu includes all the configuration of support feature.
   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.

SETUP

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 images or pictures affected by noise.

-- 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	ON
OSD LANG	OFF
CAPTIONS	
SCR SAVER	

MAIN PAGE

ANGLE MARK display setup
If it is set to ON, when a multi-angle DVD disc is playing, " 🎥 " (the angle mark) will appear on the screen; if is set to "OFF", the mark will not appear.
(Please note: If the DVD disc is not recorded with multiple angles, the angle mark will not appear at all.)

-- 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 deactivate this feature by selecting OFF.

SETUP

-- 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.
The SCREEN SAVER appears when the
player is left in pause/stop mode for a
period of time.

SPEAKER SETUP

-- SPEAKER SETUP PAGE --

DOWNMIX	LT/RT
	STEREO
MAIN PAGE	

This is to activate the audio output from
DOLBY AC3 5.1 DOWNMIX to 2 channel
mode.
Select the preferred SPEAKER connection
by using the cursor buttons.
- Select the LT/RT to activate the Dolby
  surround compatible output.
- Select the STEREO to activate simple
  stereo mode.

AUDIO SETUP

-- AUDIO SETUP --

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

AUDIO OUT
- Select ANALOG mode to active analog
  audio output.
- Select SPDIF/RAW mode to activate raw
  digital audio output. And the digital audio
  format depends on the disc record format.
- Select SPDIF/PCM mode to active
  PCM digital audio output.

Caution: When SPDIF/PCM mode
activated, the ANALOG audio has no
output.

-- AUDIO SETUP --

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

OP MODE
- Select LINE OUT to output normal AV
  OUTPUT that can be directly
  connected to the monitor through the
  AV connection cable.
- RF REMOD is the outputted level
  amplitude fit for driving the RF
  REMODULATOR.

SETUP

-- AUDIO SETUP --

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

Dynamic range Control
When select the different step, the
dynamic range of audio output is different.

-- AUDIO SETUP --

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

LPCM OUTPUT
Selecting LPCM 48K mode or LPCM 96K
mode depends on the disc record format.
The audio quality of LPCM 96K format is
better than LPCM 48K format.

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 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

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

SUBTITLE language setup
Select the preferred SUBTITLE language by using the cursor buttons.

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

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

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

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

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

SETUP

-- PREFERENCES PAGE --

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

-- PREFERENCES PAGE --

TV TYPE
AUDIO
SUBTITLE
DISC MENU
PARENTAL
PASSWORD
DEFAULTS	NO MENU
SMART NAV	WITH MENU
MAIN PAGE

DEFAULTS
Select reset to restore initial factory settings.

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"(12 cm) 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:
Specifications and design are subject to modification, without notice, due to improvements in technology.

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.
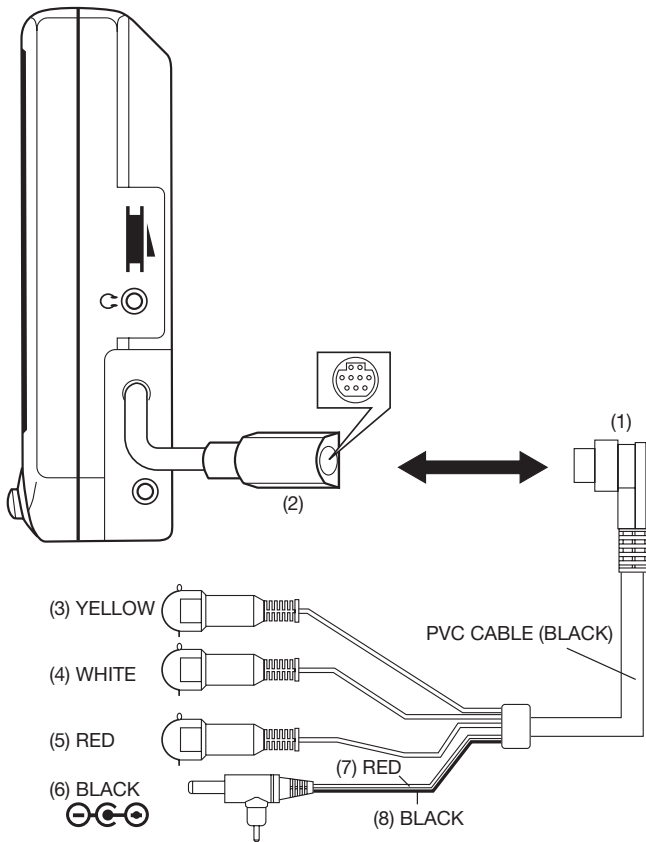
# OWNER'S MANUAL

MONITOR

e 1
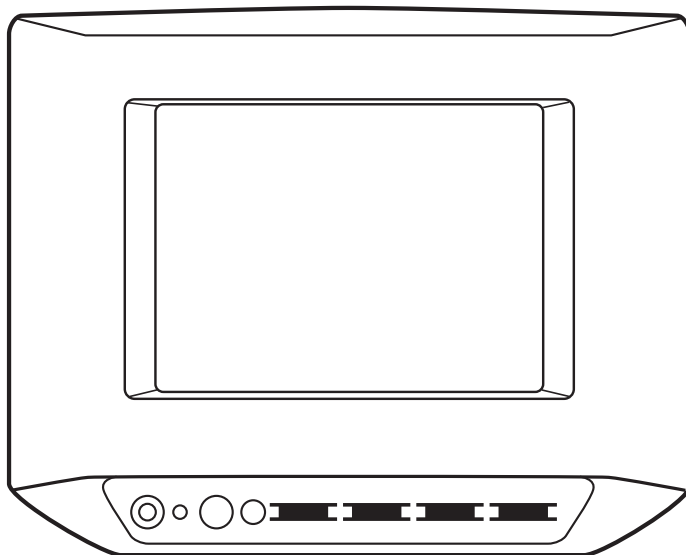
022929

ELECTRICAL CONNECTION

CAUTION:

1. Put the 9-pin mini din plug (1) into the 9-pin mini din socket (2).

2. The yellow socket (3) is connected to the VIDEO socket. The white socket (4) is connected to the AUDIO Out-Left socket and the red socket (5) is connected to the AUDIO Out-Right socket.

3. The POWER SUPPLY plug (6) is connected to the DV 12V output.

CONTROL & FUNCTION KEYS
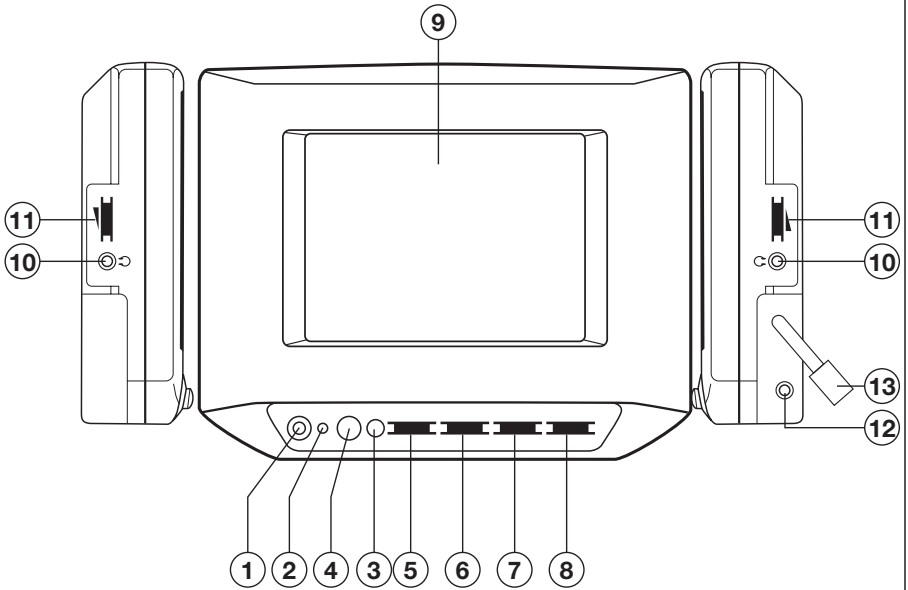
5 inch COLOUR TFT LCD MONITOR

1. **POWER**
   Press **POWER** button (1) to turn on the unit. Press it again to turn it off.

2. **POWER INDICATOR LIGHT**
   When the system is on, the indicator light (2) will be illuminated.

3. **SPEAKER**
   Press the **SPEAKER** button (4) to turn on the speaker. Press it again to turn it off.

4. **VOLUME**
   Rotate the **VOLUME** knob (5) right to increase volume level, and slide the knob left to decrease volume level.

5. **COLOUR**
   Rotate the **COLOUR** knob (6) right or left to adjust the colour level.

6. **CONTRAST**
   Rotate the **CONTRAST** knob (7) right or left to adjust the contrast level.

7. **BRIGHTNESS**
   Rotate the **BRIGHT** knob (8) right or left to adjust the brightness level.

8. **TFT LIQUID CRYSTAL DISPLAY**
   The display will show the DVD movie.

9. **SOCKET FOR HEADPHONES**
   There are two sockets (10) for headphones. Headphones can be connected to either of the sockets.

10. **HEADPHONES VOLUME CONTROL KNOB**
    Rotate the knob (11) to change the volume of the headphones.

11. **REMOTE**
    When connect DVD unit or another unit to the monitor through the jack (12), you can control the DVD unit or another unit by pointing the remote control handset directly to the remote sensor (3).

12. **9-PIN MINI DIN SOCKET**
    The socket is used for AUDIO IN, VIDEO IN and power supply input. Through the socket (13), you can connect audio/video system to the unit.