

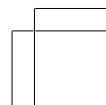
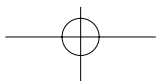
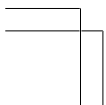
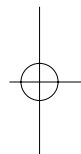
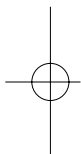
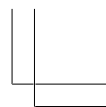
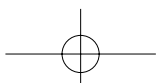
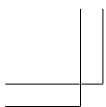
**PROTABLE
DVD PLAYER**

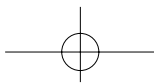
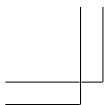
GRUNDIG

DVD-P 7644



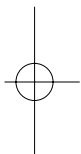
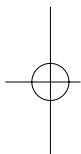
ENGLISH

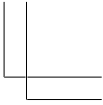
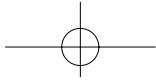
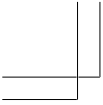




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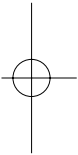
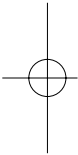




A. Introduction

Thank you for choosing this **GRUNDIG** water resistant portable DVD player. The unit is designed to perform in both wet and dry environments. You no longer need to worry about bringing your entertainment with you; rain and splashes from the kids at the pool are no match for the **GRUNDIG DVD-P 7644** Portable DVD Player!

The unit applies the latest state of the art electronics and is designed for use in hotels, offices or your home. The unit is constructed to provide years of reliable, trouble-free service, and is compact so that you can take it with you anywhere and is designed for quick and easy installation. Please read the entire instruction manual supplied with this product prior to using. The documentation will assist you in installing the system properly to obtain the best equipment performance. Please save this manual for later use.



B. Cautions and Warnings

1. Placement

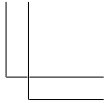
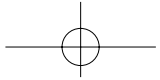
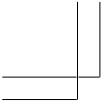
Do not place the set on an unstable cart, stand, tripod, bracket or table to prevent it from falling. Keep the unit away from strong magnets, heat sources, direct sunlight, excessive dust. If the unit is brought directly from a cold to a warm location, moisture may condense inside the unit. When you move it from a cold to a warm location, wait for about one hour before operating the unit, or remove the disc and leave the unit turned on until the moisture evaporates.

2. Installation

Ensure that the 7" portable DVD player is installed in accordance with the instructions and illustrations provided in this manual. Please see page 28 for instructions on installing the battery.

3. Caution

Do not place anything heavy on the unit. To ensure proper ventilation and proper

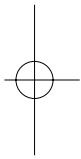
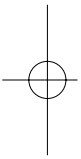


operation, never cover or block the slots and openings with a cloth or other material. Keep the unit away from an open flame such as fire, candle etc. It is hazardous to replace the battery incorrectly. Replace the battery only with the same or equivalent type, in order to protect the environment, please dispose the battery properly. Do not use the unit in temperatures higher than 95 degrees Fahrenheit or 35 degrees Celsius.

4. Disassemble

Do not attempt to disassemble the cabinet. There is a risk of electric shock and/or exposure to Laser Radiation. Contact qualified service personnel if your system needs repair.

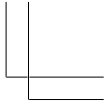
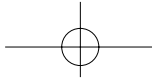
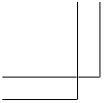
5. Cleaning Unit



When cleaning, make sure the system is unplugged from the power source. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the system only.

6. Disc

Do not use irregularly shaped discs such as heart or star-shaped discs as they may cause the unit to malfunction. Do not stick paper, tape or glue on the disc. Do not expose the disc to direct sunlight or heat sources. Do not touch the surface of disc. Handle the disc by its edge. Clean the disc by wiping the disc from the center out with a cleaning cloth. Remove the disc from the unit and store it in its case after playing. Some playback operations of discs may be intentionally fixed by software producers. Since this unit plays discs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the discs.



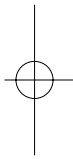
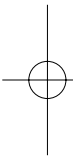
7. Water Resistance

The unit is designed to perform in wet environments. Water resistance does not mean water proof. Complete submersion in water will damage the unit. In order to function correctly in wet environments, these guidelines **MUST** be followed:

- a. The DC Power Receptacle Adaptor must be removed from the unit.
- b. The DVD cover must be closed and the cover latch must be in the locked position. (A positive snap sound will be felt/heard)

8. Regional Coding

Your DVD player has been given region code 4, DVDs with other regional codes can not be played



Notice:

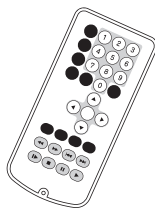
1. This Product incorporates copyright protection technology that is protected by method claims of certain U.S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.
2. Apparatus Claims of U.S. Patent Nos. 4,631,603; 4,577,216; 4,819,098 and 4,907,093 licensed for limited viewing uses only.

C. Packaging Contents

1. DVD-P7644 7" Water Resistant DVD Portable Player



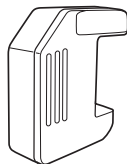
2. Remote Control



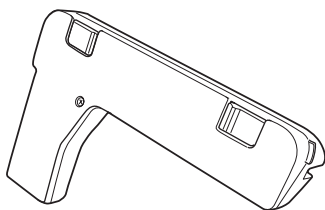
3. 1 Lithium battery 3V CR2025 for remote control



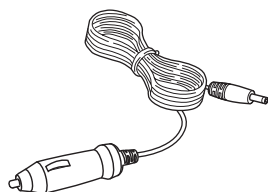
4. DC Jack Connector



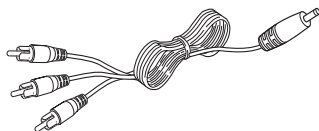
5. Rechargeable battery



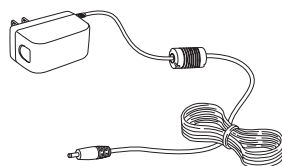
6. Car adapter for power supply in the vehicle



7. Audio-Video cable



8. Mains adapter



9. Operating manual

D: Powering and installation (Refer to figure 1)

1. Powering the system indoors

You can operate the DVD player using the main adapter supplied or with the rechargeable battery supplied. If the DVD player is supplied with a voltage from the mains adapter and the player turns to power on, the battery charge function will automatically switch off.

Note: Before connecting or disconnecting the mains adapter, turn POWER OFF of DVD player. Only use the main adapter supplied, using another mains adapter can cause the device to malfunction and may also result in damage to the unit. If you do not require the mains adapter, pull out the plug from the wall socket.

- a. Insert the plug of the mains adapter cable into the input socket >> **DC 9V IN**<< of DC connector on the DVD player
- b. Insert the mains adapter plug into the wall socket

2. Powering the system in a car

Plug one end of the cigarette lighter adapter into the input socket >> **DC 9V IN**<< of DC connector on the DVD Player, then plug the other end into the cigarette lighter socket.

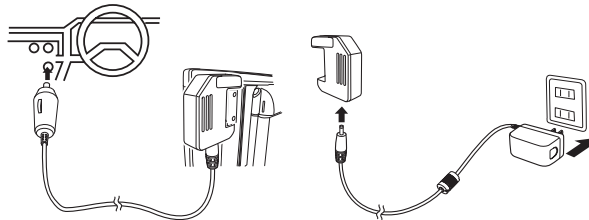


Figure 1 diagram

Note: If you are not going to use the portable DVD Player for an extended period, you should unplug the power source.

E. Controls, Indicators, and Connectors

1. Unit View (Refer to Figure 2)

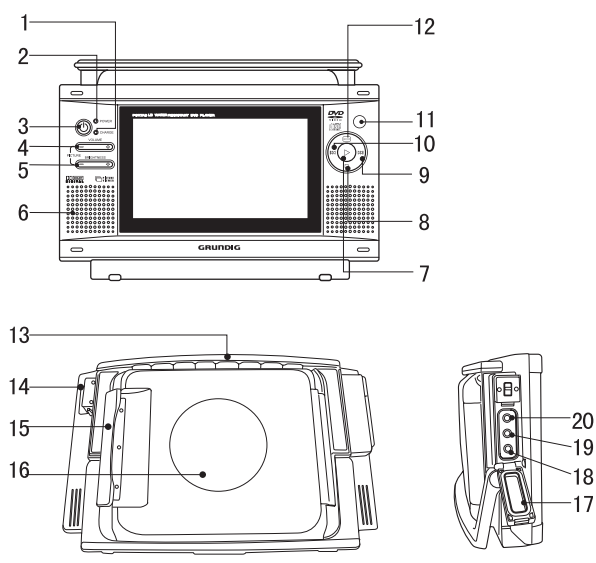


Figure 2

- | | |
|-------------------------------|---------------------------|
| 1) Charge Indicator LED | 11) Remote Control Sensor |
| 2) Power LED | 12) Picture mode Button |
| 3) Power On/Off Button | (4:3 or 16:9) |
| 4) Volume Up/Down Control | 13) Slide Handle |
| 5) Brightness Up/Down Control | 14) DC Input contacts |
| 6) Speaker | 15) Backcover clasp |
| 7) Play Button | 16) Backcover |
| 8) Stop Button | 17) Jack cover |
| 9) Next Button | 18) Headphone |
| 10) Previous Button | 19) AV OUT |
| | 20) AV IN |

2. Remote Control View (Refer to Figure 3)

- 1) Display Button
- 2) Angle Button
- 3) Subtitle Button
- 4) Audio Button
- 5) Zoom Button
- 6) UP/DOWN/LEFT/RIGHT/ENTER Buttons
- 7) Return Button
- 8) A-B Button
- 9) Forward Button
- 10) Reverse Button
- 11) Slow Button
- 12) Stop Button
- 13) Numeric Keypad
- 14) Setup Button
- 15) Menu Button
- 16) Repeat Button
- 17) SKIP- (Previous) Button
- 18) SKIP+ (Next) Button
- 19) Play Button
- 20) Pause Button

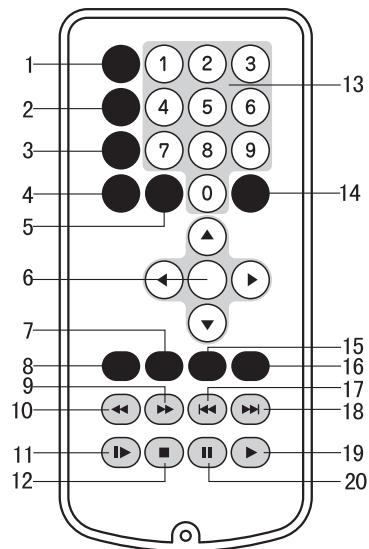


Figure 3

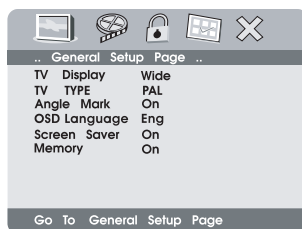
F. Loading and Playing a Disc

- a. Press >> **POWER ON/OFF** << on the device to turn on the DVD Player
- b. Open the disc tray by switching "OPEN", and place a disc into the tray with the label side facing up.
- c. Close the tray, the unit will automatically load the disc and start playing DVD.
- d. Press BRIGHTNESS and VOLUME to adjust the LCD's brightness and the DVD player's volume.
- e. To stop playing a disc, press STOP.

G. Setup

1. General Setup Page

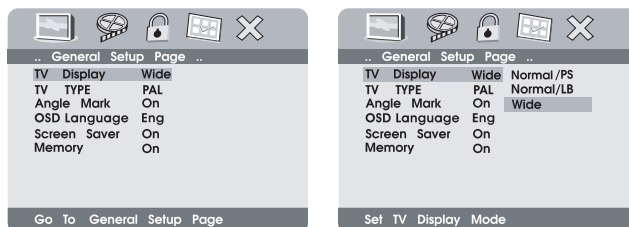
1) With no disc inside the player, press 'SETUP' to display the Main screen of the Setup Menu on the screen and "General Setup Page" appears. At the same time, "TV" is highlighted. Press 'SETUP' again to exit the Setup Menu and the unit will resume its last playback mode.



Main Setup Menu Screen

2) Press the ENTER button, "TV Display" is highlighted.

3) Press the ▲ or ▼ button to select the other menus in general setup page.

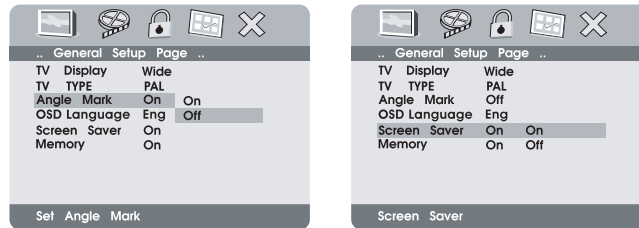


4) Press ► to enter the sub menu.

5) Press the ▲ or ▼ button to select the sub menu and press the ENTER to confirm your selection.

6) Repeat steps 3-5 for other menus.

a) TV Display



- * Normal/PS: When the player outputs signal to a normal TV, a normal picture is shown on the full screen.
- * Normal/LB: When the player outputs signal to a normal TV, a normal picture is shown on the screen with a black strip at both the top and bottom of the screen.
- * Wide: When the player outputs signal to a wide screen TV, a wide picture is shown on the full screen.

b) TV TYPE

- * PAL : The player output signal to the screen is PAL.
- * NTSC: The player output signal to the screen is NTSC.

c) Angle Mark

- * On: The screen will show the angle mark icon. (*If an angle option is available).
- * Off: The screen will not display the Angle Mark

NOTE: Not all discs contain above features. The above features are disc dependent.

d) OSD language

- * English.:The set up menu will be displayed with English..
- * Japanese:The set up menu will be displayed with Japanese

e) Screen Saver

- *On: Enables screen saver
- ***NOTE:** The DVD player will enter the Screen Saver mode after approximately five minutes if the same image remains on the screen.
- *Off: Disables screen saver (off)

f) Last Memory

- *On: The unit will return to the last position on the disc.
 - *Off: The unit will not return to the last position on the disc.
- Note:** The Last position memory function only effect when OPEN operation and AV In/Out switching.

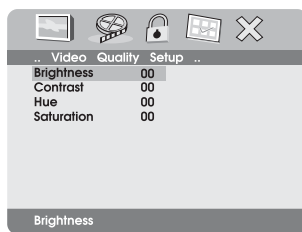
2.Video Quality Setup

1) In Setup menu, Press the ◀ or ▶ button to select “Video Quality Setup” and  is highlighted. Press ENTER to enter the video quality setup page.



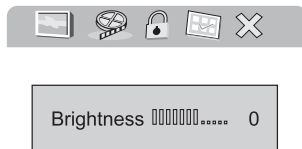
2) Press the ENTER button, “Brightness” is highlighted.

3) Press the ▲ or ▼ button to select the other menus in video quality setup page.



4) Press ▶ to enter the sub menu.

5) Press the ◀ or ▶ button to adjust the quantity and press the ENTER to confirm your selection.



6) Repeat steps 3-5 for other menus.

Note: Press ◀ to return the previous menu.

a) Brightness

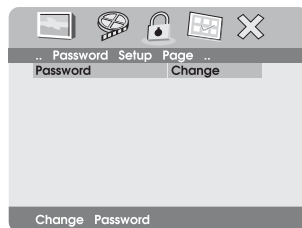
b) Contrast

c) Hue

d) Saturation

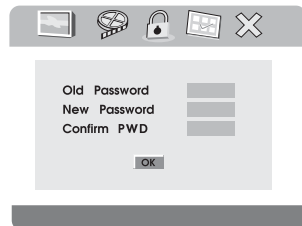
3. Password

In Setup menu, Press the ◀ or ▶ button to select “Password Setup Page” and 🔒 is highlighted. Press ENTER to enter the password page.



Password Setup Page Screen Display

Press ENTER twice to enter the Password Change Page. Input the Old Password or the Default Password, the New Password, and the Confirmed New Password. Press ENTER to confirm the change.



Password Change Page Screen Display

Note: The default password is 3308.

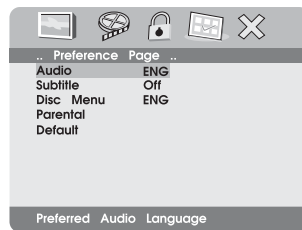
4. Preference Page

1) In Setup menu, Press the ◀ or ▶ button to select “Preference Page” and 📺 is highlighted. Press ENTER to enter the preference page.

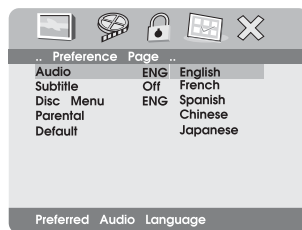


2) Press the ENTER button, “Audio” is highlighted.

3) Press the ▲ or ▼ button to select the other menus in preference page.



4) Press ► to enter the sub menu.



Preference Audio Language

5) Press the ▲ or ▼ button to select the sub menu and press the ENTER to confirm your selection.

6) Repeat steps 3-5 for other menus.

Note: Press ◀ to return the previous menu.

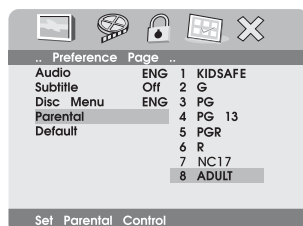
a) Audio

b) Subtitle

c) Disc Menu

Note: Language and subtitle selection is only available for discs that are recorded in the above listed languages. If the selected language is not available, the player will play and display on the screen the original recorded language contained in the disc.

- d) Select 'Parental' using the UP/DOWN button, then press RIGHT to enter the submenu.



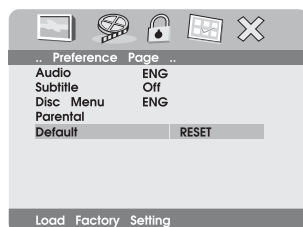
Parental Preference Screen Display

Select the parental level you desire using the UP/DOWN button for discs with lock-out function or multiple rating levels. These are listed from the lowest level (1 Kid Safe) to the highest level (8 Adult). Press ENTER and input 4 digit password, then press ENTER again to confirm the parental level setting.

NOTE: The level of 8 Adult is the factory default.

- e) Select 'Default' using the UP/DOWN button, then press RIGHT to enter the submenu. Press ENTER to make the setting return to the factoryset mode.

NOTE: The parental setting is not affected by the default reset function.



Loading Factory Setting

NOTE: The Default Password is **3308**. This password is always effective even after you have selected your own password and changed it. To avoid the possibility of others using the default password to set the parental level and change the password, we suggest you put this manual in a location not reachable by children in your home. Some discs can be limited depending on the age of users while some discs cannot.

H. Basic Operation

POWER	Turn the unit on/off
OPEN	Remove/load the disc
PLAY	Start Play/Execute item or setting
SLOW	Play at 1/2, 1/4, 1/8 or 1/16 times speed
PAUSE	Still Picture
STOP	(1 time) Stop at the present playing point / (2 times) Stop playing
NEXT	Go to the next chapter, track or scene during play back
PREVIOUS	Go back to the previous chapter, track or scene during play back
FORWARD	Scan forward at 2, 4, 8, 16 or 32 times speed
REVERSE	Scan backward at 2, 4, 8, 16 or 32 times speed
LEFT/RIGHT/UP/DOWN	Used for Menu Navigation
ENTER	Execute item or confirm setting
NUMBERS	Select item or setting
MENU	Display the main menu of the disc
REPEAT	Repeat playing title, chapter, or track
A-B	Repeat a specific portion from point A to point B of the disc
DISPLAY	Display information (title, chapter, track, time, etc.).
ANGLE	Change the viewing angles on the scene
SUBTITLE	Select the subtitle language and turn it on/off
AUDIO	Select the audio language
ZOOM	Enlarge an image to 2, 3, or 4 times the original size.
SETUP	Display the setup menu to select and set items, and exit the setup menu.

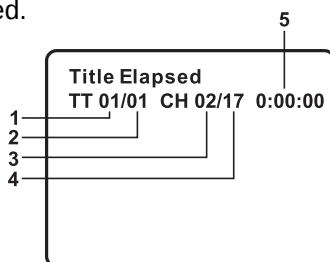
I. Menu

A DVD is divided into sections called titles and chapters. When you play a DVD, a root menu of the disc will appear on the screen of your TV or Monitor. The contents of the menu vary from disc to disc. Press MENU during playback to display the menu. Some DVDs only allow you to select disc playback options using the DVD root menu.

J. Display

1. PLAYING TIME AND REMAINING TIME

- a. During playback press the 'DISPLAY' button to display the current Title Number (1), the total Number of Titles (2), the current Chapter Number (3), the total Number of Chapters (4), and the Playing elapsed Time for the title (5). The heading will disappear automatically after 3 seconds if DISPLAY button is not pressed.



Title, Chapter Number, and Time Screen Display

- b. Press 'DISPLAY' constantly to choose the options below circularly.

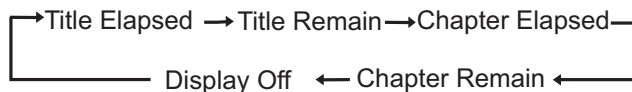
Title Elapsed: The elapsed time of the title

Title Remain: The remaining time of the title

Chapter Elapsed: The elapsed time of the chapter

Chapter Remain: The remaining time of the chapter

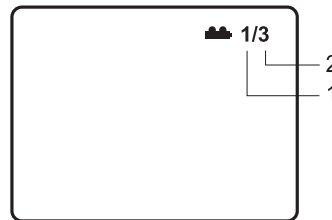
Display Off: The DVD's time Information will not be displayed.



2. ANGLE

During playback of a disc, press 'ANGLE' to display the available angles for discs containing multi-angles*, with the current angle number (1) and the total number of angles (2) displaying. Press 'ANGLE' to select another angle, then press again to exit and return to the normal viewing angle. The angle display will disappear automatically if the 'ANGLE' button is not pressed again within 3 seconds.

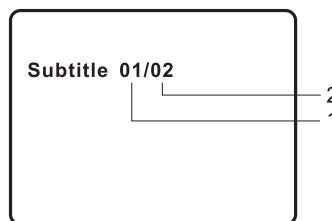
***NOTE:** Not all discs contain this feature.



Angle Screen Display

3. SUBTITLE

During disc playback press 'SUBTITLE' to select the subtitle language you desire*, with the current Subtitle Language Number (1) and the total Number of Subtitle Languages (2) displayed. If there are multiple languages press 'SUBTITLE' again to select another subtitle language. To turn subtitles OFF, press the 'SUBTITLE' button until 'Subtitle Off' is displayed. The Subtitle display will disappear automatically if the 'SUBTITLE' button is not pressed again within 3 seconds.

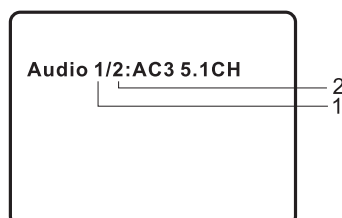


Subtitle Screen Display

* Some DVDs only allow access to this function through the DVD menu

4. AUDIO

During playback press 'AUDIO' to select the audio language you desire*, with the current Audio Channel Number (1) and the total number of Audio Channels (2) displayed. Press AUDIO again to select another audio language. The audio display will disappear automatically if the 'AUDIO' button is not pressed within for 3 seconds.

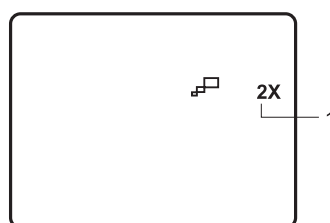


Audio Language Screen Display

* Some DVDs only allow access to this function through the DVD menu.

5. ZOOM

During playback press 'ZOOM' to enlarge the picture by 2x, 3x or 4X with the current zoom multiple.(1)Press "zoom"one time ,the picture will be enlarged 2X.(2)Press "zoom" a second time ,the picture will be enlarged 3X.(3)Press "zoom" a 3rd time ,the picture will be enlarged 4X.(4)Press "zoom" a 4th time ,the picture will return to normal size.



Zoom Screen Display

6. A-B REPEAT

- a. During playback press a first time 'A-B' to set the Starting Point A.



A-B Repeat Starting Point Screen Display

- b. Press 'A-B' a second time to set the Ending Point B and the player will repeatedly play the part between Point A and Point B.



A-B Repeat Ending Point Screen Display

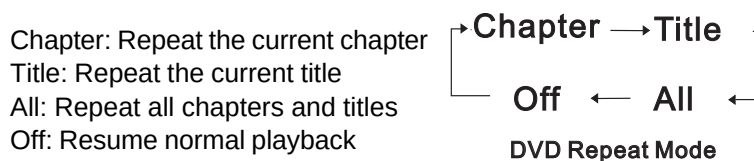
- c. Press 'A-B' a third time to cancel A-B repeat and resume normal playback.



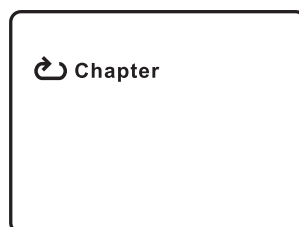
A-B Repeat Cancelled Screen Display

7. REPEAT

During playback press 'REPEAT' constantly to see the repeat mode as right.



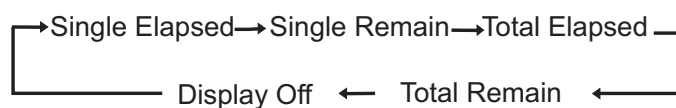
The 'Chapter' repeat display shows below for example:



Chapter Repeat Screen Display

K. Playing Audio CDS

When playing an audio CD press the DISPLAY button constantly on the remote to view time information. The options below appear on screen display circularly to show you what information is available using this function.



Single Elapsed: The current track playing and playing time of that track will display on the screen.

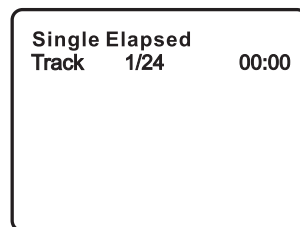
Single Remain: The current track playing and the amount of time left.

Total Elapsed: The current track playing and the total time that the CD has been playing.

Total Remain: The current track playing and the amount of time remaining on the CD.

Display Off: The CD time Information will not be displayed.

Take 'Single Elapsed' display as a example:



Single Elapsed Screen Display

USING THE REPEAT FEATURE

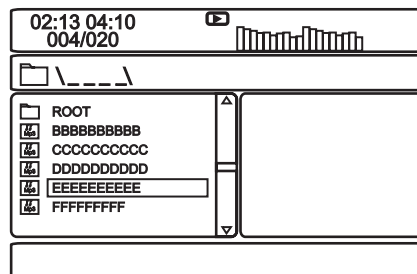
The default mode for the Repeat feature is OFF. Pressing REPEAT consecutively changes the repeat options:

- *Track*- repeats the track that is playing.
- *All*- repeats the disc that is playing.
- *Off*

As you toggle through the options, the repeat option changes. The selected repeat option loops repeatedly until you turn it off.

L. Playing MP3 Discs

MP3 is a format for storing digital audio. An audio CD-quality song is compressed into the MP3 format with very little loss of audio quality while taking up much less disc space. CD-R /RW discs that have been encoded in MP3 format are compatible with this system.



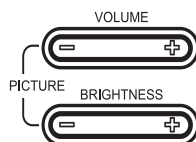
MP3 MENU Screen Display

When a MP3 disc is inserted into the unit, the menu screen appears automatically. You can use the menu screen to select your desired folders and songs or the system plays the songs in the order they were burned onto the disc.

1. Press the ▲ or ▼ button to choose a folder from the folder list on the left side of the screen.
2. Press ENTER to select the highlighted folder. The songs available under the folder will be listed.
3. Use ▲ or ▼ button to choose a song from the list. Press ENTER to select and begin playback of the highlighted song.

4. Use the ►►(NEXT) button to move to the next song. Press the ◀◀(PREVIOUS) button to move to the beginning of the previous song.

5. Press[-]of volume and brightness button at the same time will turn off the display while playing MP3. This will increase battery life during playback. Press either button again to turn the display back on.



USING THE REPEAT FEATURE

The default mode for the Repeat feature is OFF(Folder). Pressing REPEAT consecutively changes the repeat options:

- Single
- Repeat One (repeat playback of a song)
- Repeat Folder (repeat playback of a specific folder)
- Folder (normal playback)

As you toggle through the options, the repeat mode changes. The selected repeat mode loops repeatedly until you turn it off.

NOTICE

- “” icon in front of a file name indicates that this is a folder, not an MP3 file.
- “MP3” icon in front of a file name indicates that this is a MP3 file.

Note:

Due to the company's policy of constant improvement and technical refinement, the company reserves the right to change or alter software.

M. Playing JPG file

- 1) Load the JPG Disc into tray.
- 2) Select JPG file by pressing "UP/DOWN" or ENTER button through menus or submenus. To go back previous menu page, use LEFT button.
- 3) You can preview the JPG file which you selected by pressing "PLAY" or "ENTER".
- 4) Pressing the "LEFT" Key will rotate the picture 90 degrees counterclockwise. Pressing the "RIGHT" Key will rotate the picture clockwise.
- 5) When browsing the photos, you can reverse the photo vertically by pressing "UP" key, or you can reverse the photos horizontally by pressing "DOWN" key.
- 6) When you browse the JPG file, press "DISPLAY", there will be different refresh mode below:

WIPE TOP, WIPE BOTTOM, WIPE LEFT, WIPE RIGHT, DIAGONAL WIPE LEFT TOP, DIAGONAL WIPE RIGHT TOP, DIAGONAL WIPE LEFT BOTTOM, DIAGONAL WIPE RIGHT BOTTOM, EXTEND FROM CENTER H, EXTEND FROM CENTER V, COMPRESS TO CENTER H, COMPRESS TO CENTER V, WINDOW H, WINDOW V, WIPE FROM EDGE TO CENTER

- 7) When previewing the file, pressing "ANGLE", "SUBTITLE", "AUDIO", "NUMBER", "AB", "RETURN", "REW/FF", "SLOW" a hand icon will appear on the display meaning that these options are not available.
- 8) Press "STOP" to browse the JPG file, "SLIDE SHOW" "MENU" will display on the screen.
- 9) When browsing the picture, press "STOP" and thumbnail size picture will be displayed. You can select the picture you desire by using the UP/DOWN/LEFT/RIGHT/ENTER key.

N. Connecting to a TV or another monitor (Refer to Figure 4)

1. You can also connect the DVD player to a TV to enjoy high quality stereo sound and picture on another monitor.
 - a. Position the AV In/Out Switch to “Out” Position.
 - b. Connect one end of the audio/video cable's black (1/8" plug) plug into the unit's DVD AV jack, and connect the other end to the AUDIO INPUT jacks on your TV or Monitor through AV adapter cable(white = left channel, red = right channel, yellow=video).

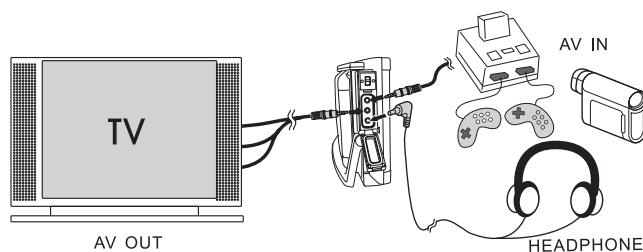


Figure 4

Note: Optional wired headphone may be used with the unit. Simply plug in the headset to either Headphone 1 jack or Headphone 2 jack on the right side of the DVD. Plugging into Headphone jack 1 disables the internal speakers.

2. You can enjoy the other audio and video source input from AV jack.
 - a. Position the AV In/Out Switch to “In” Position.
 - b. Connect one end of the audio/video cable's black (1/8" plug) plug into the unit's DVD AV jack, and connect the other end to the AUDIO Output jacks on your Camcorder or other DVD through the AV adapter cable(white = left channel, red = right channel, yellow=video).

Note: Please don't connect other AV signal source with the AV jack when the unit is in “Out” Mode.

O. Technical Data / Specifications

CE

This device is noise-suppressed according to the application EU directives.

This product fulfills the European directives 89/336/EEC, 92/31/EEC and 73/23/EEC (or 93/68/EEC)

This device conforms to the safety regulation DIN EN60065 (VDE 0860) and therefore the international safety regulation IEC60065. Never open up the DVD player. No warranty claims are accepted for damage resulting from improper handling.

General Information

Mains voltages: AC100-240V AC (50/60 Hz) adapter

Battery: 7.4V 3600mAh Li-ion 2.5HR

Rated Power Consumption: 15W (TYP)

Ambient temperature: + 5°C to + 35°C

LCD Screen : 7" Active-Matrix TFT

DVD Player

Playback standard PAL, 50 Hz, 625 lines:

Picture Format 4:3, 16:9

Playback System: DVD Video, MP3-CD, Audio CD (CD-DA), CD-R,

Dimensions and weight
(A DVD Player)

W x H x L: 290 x 180 x 62 mm
1.6 kg

P. Rechargeable battery Installation and use

1. Ensure the Recharge Battery (Li-ion) is placed properly into the unit.
2. Insert the plug of the mains adapter cable into the input socket **>> DC 9V IN<<** of DC Jack connector on the DVD Player.
3. Insert the mains adapter plug into the wall socket and remember to leave the POWER ON/OFF in the **OFF** position.
* During the charging process, the charge LED light will turn on red. When the battery is fully charged, it will turn off then

you may remove the Main adapter from Wall socket and stop harging.

4. Please make sure you always use ONLY the main adapter provided to recharge your battery, while the Cigarette Adapter can't be use to recharge the battery.

Note: Ensure the Recharging Battery fully charging for at least 8 hours prior to connection it to DVD player. Each full recharge takes approximately 5 hours and one full charge can provide power to the player for at least 2 hours. For Longer periods of storage, please recharge the battery at least once every two months to maintain the battery in optimum condition.

Precautions when using the rechargeable battery

Observe these safety measures when charging the rechargeable battery to prevent short circuits, overheating, smoke formation, fire and damage to the device:

Cautions:

- * Do not dismantle the rechargeable battery
- * Do not touch the contacts of the rechargeable battery with metal objects
- * Do not expose the battery to direct sunlight or leave it on the car dashboard or other areas where high temperatures may arise - danger of explosions
- * Protect the battery and DC jack connector against water, fire and heat
- * Only use the mains adapter supplied to change the battery
- * Do not drop the battery or shake it vigorously
- * Keep the battery away from children
- * Fluid can emerge from battery that can harm your eyes, if any of this fluid should come into contact with your eyes, rinse your eyes immediately with flowing water and seek medical attention as soon as possible. If the fluid comes into contact with your skin or clothing, rinse with water immediately.
- * Remove the battery and store it in a cool place
- * Protect the battery against smoke, steam, liquids and dust
- * If the battery is used in temperatures under 0°C or above 35°C, the operating time may reduce.

Installing the Battery Pack:

1. First, open the CD cover.
2. Push the battery towards the flank of the player and revolve it until it locks into position. The unit will fit snugly to the player.

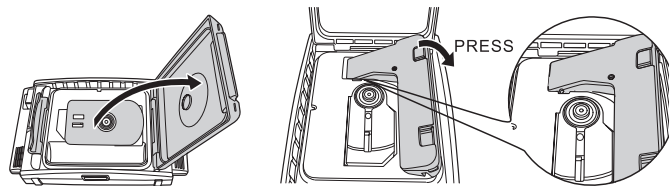


Figure 5. Installing the DVD Player Battery

Removing the Battery Pack:

1. First, open the CD cover.
2. Press the release button on the both side of battery.
3. Pull the battery out of the rear flank.

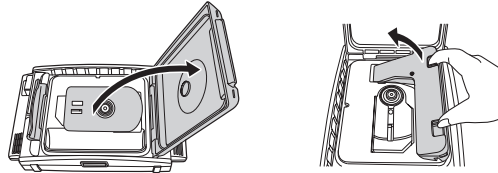


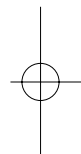
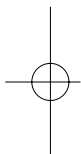
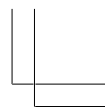
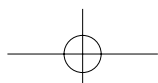
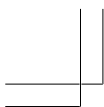
Figure 6. Removing the DVD Player Battery

Q. Troubleshooting

PROBLEM	SOLUTION
No sound or distorted sound	• Make sure your DVD is connected properly. Make sure all cables are securely inserted into the appropriate jacks.
Can't advance through a movie	• You can't advance through the opening credits and warning information that appears at the beginning of movies because the disc is programmed to prohibit that action.
The icon () appears on screen	The feature or action cannot be completed at this time because: 1. The disc's software restricts it. 2. The disc's software doesn't support the feature (e.g., angles) 3. The feature is not available at the moment. 4. You've requested a title or chapter number that is out of range.
Picture is distorted	• The disc might be damaged. Try another disc. • It is normal for some distortion to appear during forward or reverse scan.
No forward or reverse scan	• Some discs have sections that prohibit rapid scanning or title and chapter skip. • If you try to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.

Troubleshooting (Cont)

PROBLEM	SOLUTION
IR sensor inoperative	• Verify that the batteries in the remote are fresh. • Verify that the remote sensor eye is not obstructed. • Verify that the infrared transmitter is pointed directly at the IR sensor, and is within 10 feet of the sensor.
Disc won't play	• Insert a disc with the label side facing up. • Check the type of disc you put into disc tray. This DVD only plays digital video discs, audio CDs and MP3s.
Play starts, but then stops immediately	• Both the unit and the disc are coded by region. If the regional codes don't match, the disc can't be played. This DVD is coded for Region Number 1 discs. • The disc is dirty. Clean it. • Condensation has formed. Allow player to dry out.



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