

# 7" Portable DVD Player

PDV-077PT

## Operation Manual



 **Polaroid**<sup>®</sup>

20040928

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# Important Safety Instructions



**WARNING:** To reduce the risk of fire or electric shock, **DO NOT** expose this product to rain or moisture.



The lighting flash with arrowhead symbol, within an triangle, alerts the user to “dangerous voltage” which could cause electric shock.



The exclamation point within a triangle indicates to the user to read important operating and maintenance instructions in the manual.

## NOTES

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Maintain well ventilated conditions around the product, Do not put product on bed, sofa or anything that blocks ventilation. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

## IMPORTANT FOR LASER PRODUCTS

1. **CLASS 1 LASER PRODUCT**
  2. **DANGER:** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
  3. **CAUTION:** Do not open the top cover. There are no user service-able parts inside the unit. Leave all servicing to qualified service personnel.
- This unit complies with FDA regulation for radiation control of laser products

## Precautions with Moisture

■ Under the following circumstances, moisture may appear on the lens of the product, which is the most sensitive part of the DVD player:

- The DVD player is suddenly moved from a cold place to a warm place.
- A room is heated while the DVD player starts operating, or the DVD is placed near an air-conditioner.
- In the hot summer season, the DVD player is moved from an air-conditioned room to a hot, damp place for use.
- The DVD player is being operated in a damp place.

■ If moisture appears on the player, stop operations.

If the player is operated under said conditions, or the disc is loaded, certain interior components could be damaged. Take the disc out, plug power in and switch power the DVD player on for two to three hours to dry.

# Function Features

## 1. EXCELLENT SOUND

Dolby digital delivers great sound.

## 2. HIGH RESOLUTION

MPEG2 decoding format achieves more than 500 lines of horizontal resolution.

## 3. SPECIAL FUNCTIONS

Supports multi-angle, excessive language caption.

## 4. COMPATIBILITY

Plays DVD, CD, CD-R, CD-RW and MP3 discs.

## 5. PARTICULAR PERFORMANCE

Multi-speed, fast forward, fast backward, slow play and repeat playback.

## 6. SEARCH BY TIME

Search for a certain time on a disc.

## 7. LAST MEMORY PLAYBACK

Continues playing from place stopped.

## 8. ON-SCREEN DISPLAY

On-screen displays in your choice of English, French and so on.

## 9. AUDIO OUT

Audio output terminal for connection to audio amplifiers.

## 10. EARPHONE OUTPUT

Convenient for listening to movies or music in private.

## 11. REVOLVING TFT LCD screen

Adjust the screen for custom viewing by revolving it horizontally about its axis, or lay it flat with the screen facing up.

## 12. SWITCHING POWER ADAPTER

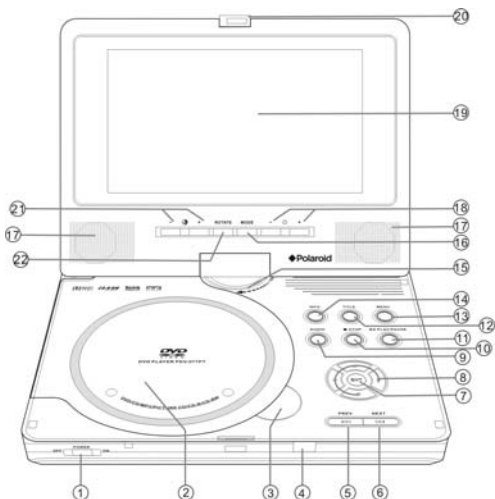
Automatically adapts to voltage requirements in the US and other countries.

DVD players and discs are coded by region. These regional codes must match the discs they play. If the codes don't match, the disc won't play. This player's code is region 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.

# Parts Introduction

## DVD Player



**1. Power switch**

**2. Disc cover**

**3. Open**

**4. Remote sensor**

**5. ⏮Prev skip button**

Press to skip to previous chapter/track.

**6. ⏭Next skip button**

Press to skip to next chapter/track.

**7. ENT button**

**8. Direction buttons**

**9. AUDIO button**

**10. STOP button**

**11. PLAY/PAUSE button**

**12. Title button**

**13. Menu button**

**14. INFO button**

Press for detailed information on the disc playing.

Keep pressing to remove information from screen.

**15. TFT LCD Screen can be rotated in the degree of 180.**

**16. MODE button**

The player is with TFT display mode: normal screen (4: 3) or wide screen (16: 9).

**17. Speaker**

For enjoying high quality stereo music.

**18. BRIGHT up/down**

**19. TFT Liquid Crystal Display**

**20. Latch hook**

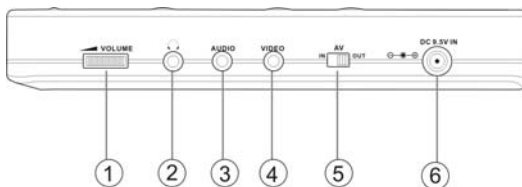
**21. COLOR up/down**

**22. Rotate button**

The picture can be rotated in inversion and enantiomorphism from normal modes.

# Parts Introduction

## Right Side Of The Panel



**1. Earphone volume adjusting knob**

-Used to adjust the earphone and speaker volume.

**2. Earphone jack**

-Hi-Fi earphone output, when this jack is connected, speaker volume is turned off.

**3. Audio output/input jack**

**4. Video output/input jack**

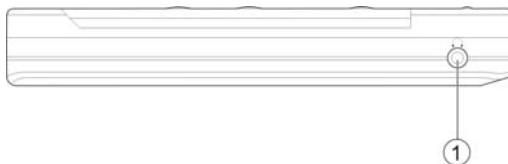
**5. Switch position between AV 'IN' and AV 'OUT'**

-Switch to IN, then the player is in audio and video input mode.

-Switch to OUT, then the player is in normal playback mode.

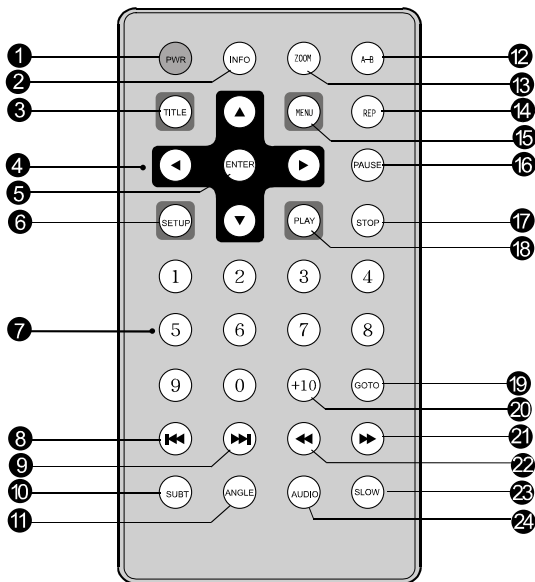
**6. Direct current 9.5 V input jack**

## Left Side Of The Panel



**7. Earphone jack**

# Remote Control



- |  |   |
|--|---|
| <p><b>1. PWR button</b><br/>-Press to enter standby mode.</p> <p><b>2. INFO button</b><br/>-Press for detailed information on the disc playing.<br/>-Keep pressing to remove information from screen.</p> <p><b>3. TITLE button</b><br/>-Press to display titles if present on the disc.</p> <p><b>4. Direction buttons</b><br/>-Press to select menu items.</p> | <p><b>5. ENTER button</b><br/>-Press to confirm the items or setting.</p> <p><b>6. SETUP button</b><br/>-Press to access the DVD player's setup menu.</p> <p><b>7. 0-9 number buttons</b><br/>-Select numbers by pressing these buttons.</p> <p><b>8. ⏮ PREV SKIP button</b><br/>-Press to go to beginning of current track. Press twice repeatedly to go to beginning of previous track.</p> |
|--|---|



# Remote Control

**9. ►► NEXT SKIP button**

-Press to go to next chapter.

**10. SUBT button**

-When a DVD is playing, press to select a subtitle language or to turn subtitles off (if the DVD disc contains multiple subtitles).

**11. ANGLE button**

-Press to access various camera angles (if the DVD disc contains multiple camera angles).

**12. A-B button**

-Press to mark a segment to repeat between A and B.

**13. ZOOM button**

-Press to cycle through zoom function.

**14. REP button**

-Press to repeat a chapter, track, title, or all content.

**15. MENU button**

-Press to select the disc menu.

**16. PAUSE button**

-Press to pause playback.

-Press PLAY button to resume normal playback.

**17. STOP button**

-Press once to stop playback and then press PLAY button to resume normal playback.

-Press the button twice repeatedly to stop playback completely.

**18. PLAY button**

-Press to begin playback.

**19. GOTO button**

-Press to select the desired disc starting time, track or title.

**20. +10 button**

-Select numbers greater than 9 by pressing the (+10) button first, and then an additional number button.

**21. ►► FWD SCAN button**

-Press to search forward.

**22. ◀◀ REV SCAN button**

-Press to search backward.

**23. SLOW button**

-Press to activate slow forward or slow rewind.

**24. AUDIO button**

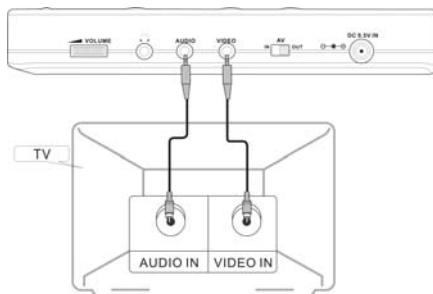
-Press to access various audio languages (if the DVD disc contains multiple audio languages).

# Connections

## Connecting to a TV

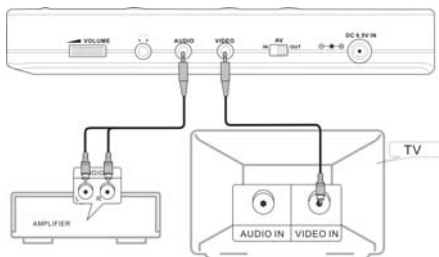
### Audio/video connections

1. Always ensure that the DVD player, TV and any other electrical equipment you are connecting the DVD player to is switched off and unplugged from the power supply.
2. The easiest way to connect the DVD player to a television is via the supplied Audio/Video connections. Connect the audio/video cable from the DVD player to the TV's audio/video inputs.



## Connecting to an Amplifier with Dolby Digital Decoder

The DVD player can be connected to an AV amplifier with a Dolby Digital decoder via the Digital Optical output. Please refer to your Audio equipment's manual before connecting.



# Playback Preparations

## Usage of Remote Control





1. Refer to the drawing and remove the empty battery receptacle.
2. Prior to shipping, a separating film was applied to the battery. Remove this film.
3. Insert the battery into the receptacle and insert the receptacle into the remote.
4. For best results, aim the remote directly at the player's receiving window within the range of 15 feet, and angles of 60 degrees.
5. Under normal use the battery will last for one year.
6. Remove battery if the device is not to be used for a long time during storage.

# Playback Preparations

## Disc Formats Supported by this Player

The unit can play discs bearing any of the following logos:

	DISC LOGO	DIAMETER	PLAYBACK TIME/ PLAYABLE SIDES
DVD		12cm	133 min (SS-SL)
			242 min (SS-DL)
			266 min (DS-SL)
			484 min (DS-DL)
		8cm	41 min (SS-SL)
			75 min (SS-DL)
			82 min (DS-SL)
			150 min (DS-DL)
CD		12cm	74 min
		8cm	20 min
MP3		12cm	600 min

- The operating method of some DVD discs is specified by the software maker. Please refer to the instruction manual of the disc.
- The DVD Player will play most recordable (CD-R) or erasable (CD-RW) CDs, but playback of CD-R or CD-RW discs created on a computer requires proper formatting and finalization of the disc for audio playback. Some computers and/or software programs may not be capable of creating compatible discs.

### About Disc Terms

**- Title**

Generally, pictures or music compressed on a DVD are divided into several sections, "title".

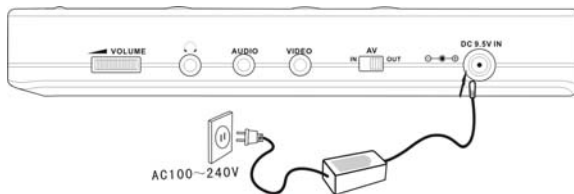
**- Chapter**

The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. But some discs may not have a recording chapter.

**- Track**

A segment of picture or music on a CD. Each track is numbered for searching.

# Playback Preparations



## Usage of Power Switching Adapter

The player is supplied with a power switching adapter.

1. Connect AC adaptor to the power jack marked "DC 9.5 V IN" on the side of the DVD player.
2. Connect the rabbit joint end of the AC adaptor to the power cord.
3. Plug the two-prong end of the power cord to a grounded electrical socket.

Note: Please turn player's power off first and then unplug the power to prevent malfunction.

## Pre-operation

1. Connect to power.
2. Lift the main cover up to open the player.
3. Switch "POWER" to the "ON" position.
4. Adjust the volume with the "VOLUME" adjust knob (also adjusts earphone volume).

## Loading a disc

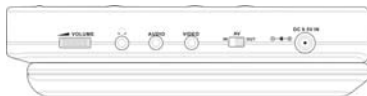
1. Press the OPEN button to open the disc cover.
2. Put disc into the tray house with the printed side up.
3. Close the disc cover.

# Power Supply

## About the Rechargeable Battery

Your portable DVD player comes with a lithium ion rechargeable battery that attaches to the bottom of the player.

1. Under normal working conditions, the battery can be charged and discharged over 300 times.



2. The properties of the rechargeable battery are: 7.4 Volts, with a capacity of 4200mAh, interior lithiumionic electric circuit protection for recharge and discharge.
3. If the battery is not used it will automatically discharge gradually within one month.
4. If you don't plan on using the battery for an extended period of time, discharge the battery and keep it in a dry and cool place.
5. If the battery loses power during play, stop playing the DVD, otherwise damage may occur.
6. A fully charged battery is able to play a DVD with the TFT on for about 2.5 hours.  
Note: Playing time varies from disc to disc.

### 7. Working conditions and precautions:

- New batteries should be fully charged before initial use.
- Battery should only be used and charged when temperatures are between 32-95F.
- Never put the battery in fire or water.
- Do not expose the battery to high temperatures or store in hot, sunny places.
- Maintain well-ventilated conditions around the product, avoiding heat. Don't put the product on bed, sofa or anything that may block ventilation to the product.
- Don't use metal to link positive pole to negative.
- Do not open the battery.
- Do not leave battery attached when using alternative power source.
- Never charge the battery for more than 8 hours. Detach battery immediately after charging is complete.
- Detach battery when not in use.

# Power Supply

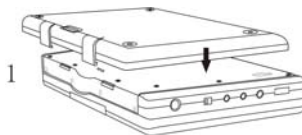
## Using and Charging the Battery Pack

Charge the Battery Pack before using it the first time. Charging time is normally about 4 hours. Normally, the Battery Pack can be charged approximately 300 times. When fully charged, the Battery Pack delivers 2.5 hours of continuous power.

***Battery Pack should be fully charged before initial use!***

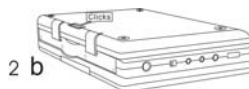
### 1. Attaching the Battery Pack

Turn the player upside down on a smooth, clean surface. Direct the battery so that the battery contacts and the five plastic tabs are aligned with the matching contacts and tab recesses on the player.



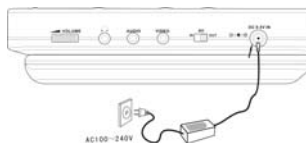
### 2. Lock the Battery Pack to the Player

With one hand on the player to prevent it from moving, push the battery pack on to the player then slide the Battery Pack toward the front of the Player until you hear it click and lock into place.



### 3. Charging the Battery Pack

Plug the Power Adapter into the Player's DC-IN 9.5 V Jack (located on Right Side of Player). Plug the other end of the Power Cord into a household wall Power Outlet.



### Recommended Recharging and Charging Times

Your new battery should be fully charged before it is used for the first time. Charging time is normally about 4 hours. A fully charged battery delivers 2.5 hours of use. Therefore, we recommend that you only charge the battery when the battery is down to its last hour of charge or completely out of power. Unnecessary charging of the Battery Pack will reduce service life. When the Battery Pack is being charged, the battery indicator will turn red. After charging is complete, the red light will turn to green.

# Detaching Battery Pack

## Detaching Battery Pack from the unit:

If the player is not going to be used for a long period of time, we recommend that you detach the Battery Pack. Even if the unit is powered down, the unit is still consuming some power in STANDBY mode. This could lead to discharging the battery. Make sure the power is turned off before detaching the Battery Pack. After detaching the battery pack, take care when handling the unit.

### 1. Slide and hold in position.

Press the tab towards the front of the unit. Hold the tab in the up position.

### 2. Taking off the Battery Pack

Gently slide the Battery Pack toward the back of the Unit. Carefully lift the Battery Pack from your player.



# Using a Car Adapter

## You can use the Car Adapter while in a vehicle:

Connecting the Car Adapter Power Plug into the unit's Power Jack and the other end to the Vehicle Cigarette Lighter Socket:



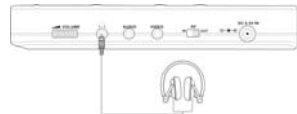
### Quick Tips

- Do not operate the unit or view video software while driving a vehicle.
- Place the unit in a secure position for viewing.
- Do not leave battery attached when using car adaptor as power supply.
- Do not connect the unit to the car adapter when starting the car.

# Using Headphones

## Using Headphones while you are in a quiet area:

Connect the Headphone Connector into right side of the unit's Headphone Jack:



### Quick Tips

- Excessive loud usage of headphones could damage your hearing.
- Turn down the Volume before you connect the headphones.
- Sound from the unit's external speaker will cease when headphones are connected



# Basic Operation

Please read these instructions carefully before using your DVD player for the first time.

1. Turn on the player's power by switching the POWER switch on the side of the player to "ON".
2. Press OPEN button on front panel to open the disc cover.
3. Load disc with the label facing up to prevent damage to the player or disc.
4. Close the disc cover. The player will automatically search for the disc and when it finds it, play will begin.

**Warning:** Do not play poor quality discs to prevent damage to the lens.

## Start to Playback

1. Press the PLAY button on the remote control.
2. Press the ◀ ▶ ▲ ▼ (direction button) or the number buttons to select a scene.
3. Press the ENTER or PLAY.

## Pause

Press the PAUSE button on remote to pause.  
Press the PLAY button to resume normal playback.

## Zoom

Press the ZOOM button on remote to cycle through to different zoom settings.  
Normal - 2x - 3x - 4x - 1/2 - 1/3 - 1/4.  
While in zoom mode use direction keys to move around to different positions on the picture.

## Basic Operation

### Stop

During playback, press the STOP button once on the remote control to stop playing. Press the PLAY button, then the player will play from the point where it stopped.

### Mode

During playback, press the MODE button on the control panel to change the aspect ratio on the screen.

### Title Menu

1. Press the TITLE button on the remote control during playback. The title menu will appear on the TFT screen.
2. Press ◀ ▶ ▲ ▼ (direction button) or the number buttons to select the title or disc option you wish to play.
3. Press the ENTER button to start playback.

### Previous and Next

1. Press the PREV button twice repeatedly on the remote control, and playback will start from the previous track.
2. Press the NEXT button on the remote control, and playback will start from the next track.

# System Setup

## GENERAL SET-UP

You can change the default settings to customize performance to your own preference.

1. Remove the disc from the DVD drive and press the 'SETUP' button on the remote control, the settings menu will appear. It includes General Setup, Speaker Setup, Dolby Digital Setup, Video Setup and Preference setup.
2. Press ◀ ▶ ▲ ▼ (direction buttons) on the remote control to select a category.
3. All the items in the category will appear on the TV screen. Press the 'ENTER' button to confirm your selection.

### Category

1. When you enter a category all the items under this category will appear, and the items placed in the middle (or highlighted) will be the current set up.
2. Press ▶ (right direction button) on the remote control to select the correct category.
3. Press the direction button to select your preference. The item you select will be highlighted.
4. Press the 'ENTER' button for confirmation.
5. Press ◀ (left direction button) to enter the other setup menu.

## General Setup

The general setup is shown as follows:

### 1. TV Display

Select Normal/PS when a 4:3 TV is connected.

Display images with marking bars above and below the picture.

Select Wide when a 16:9 wide screen TV is connected.

### 2. Angle Mark

If the scene was shot from multiple angles, then you can easily change the camera angle of the scene you are watching.

ON/OFF

With this switched on you will be notified if alternative viewing angles are available.

### 3. OSD Lang

There are five kinds of different OSD languages for selection. You can select it according to your preference.

# System Setup

## 4. SPDIF Output

This item is used to set the format of digital audio. 'SPDIF OFF' turns off the digital audio; 'SPDIF/RAW' outputs the original. For example, if the disc being played is Dolby Digital, then the digital audio output is also Dolby Digital. Select 'SPDIF/PCM' when you connect with a 2 channel digital stereo amplifier.

## 5. Captions

You can choose captions on or off on screen during playback.

## 6. Screen Saver

When activated, the screen saver automatically works if there has been no operation for a period of time.

## Speaker Setup

### Downmix

Select "LT/RT" in DOWNMIX, then the player will output mixed audio in a way prescribed by Dolby. Select "Stereo", then the player will output a stereo signal.

## Dolby Digital Setup

### 1. Dual Mono

The function is used to set the output mode of channel left/right, stereo and mixed sound.

### 2. Dynamic

Use this item to adjust linear dynamic compression rate to get different signal compression effects.

## Video Setup

### 1. Sharpness

Use this item to adjust sharpness setting.

### 2. Brightness

Use this item to adjust brightness level.

### 3. Contrast

Use this item to adjust contrast level.

# System Setup

## Preference Page

### 1. Audio, Subtitle, Disc Menu

There are several audio, subtitle and menu languages in some DVD discs. If there is no specific preset in the disc, then the set audio, subtitle and menu language will have the priority to be played first.

### 2. Default Reset

Use this function to reset all the settings.

**IMPORTANT NOTE:** If connected with TV, please select relevant TV system depending on your TV type. This menu function is not available while a disc is playing.

## Audio

DVD discs contain up to 8 audio bit streams. For Example: English, French etc. To select the audio bit stream you prefer press the AUDIO button on the remote control during playback. The DVD player will play the next audio bit stream every time you press the AUDIO button in succession.

**NOTE:** This function is only available for discs that several audio bit streams have been recorded onto.

# Playback Functions

## Fast Forward & Rewind

Press the ◀ and ▶ buttons to active fast forward or rewind.

## Slow Forward & Rewind

Press the SLOW button to slow forward or rewind.

## Repeat

1. Repeat a title, chapter or track. Press the REPEAT button on the remote control. Continually pressing the REPEAT button will display a menu as follows: **Chapter, Title and All**.
2. You can temporarily mark your own section of a DVD that you would like to play repeatedly. You do this by marking the start and the end of the section using the A/B button. During playback press the A-B button on the remote control at the beginning of the segment (point A) you wish to play repeatedly. Press the A-B button again at the end of the segment (point B).  
The DVD player will automatically return to point A and repeat playback of the selected segment. (A-B). To resume normal playback press the A-B button again.

## Subtitle

A DVD disc can be recorded with up to 32 subtitles.

Press the SUBTITLE button on the remote control, the mode of subtitles will recycle as follows: SUBTITLE 1/N: Subtitle 1 appears on the screen. SUBTITLE 2/N: Subtitle 2 appears on the screen.

SUBTITLE N/N: Subtitle N (N is the total number of subtitles that the current disc contains) appears on the screen. SUBTITLE OFF: No subtitle.

NOTE: This function is available on DVD disc that recorded with multi-subtitles.

## Angle

If the scene was recorded from multiple angles, you can easily change the camera angle of the scene you are watching.

Press the ANGLE button on the remote control during playback. Playback will shift to another angle. If the disc menu gives the options of angles items, you can switch angles for viewing by pressing the number buttons on the remote control.

NOTE: This function is only available if a disc is a multi-angles recorded disc.

# Playback Functions

## Search by time

You can use the GOTO button to search by time, namely to play from a specific time. During DVD playback, press the GOTO button once and TV screen will display the title or chapter, then you can use number buttons to select any one of them. Press the GOTO button the second time, then you can use number buttons to input the time you desired (hour, minute, second) and the player will play from the inputted time.

## Resume Playback

1. Press the STOP button at the location if you wish to interrupt playback. The player memorizes the location where playback was stopped.
  2. Press the PLAY button to resume normal playback. The player resumes playback from the location where you stopped playback. This function does not operate if the disc is removed.
- Press the STOP button twice or open the disc tray, playback will then be stop and when PLAY button is pressed, the play will begin from the beginning of disc.

## Playing an MP3

MP3 is the third audio compression format of international standard MPEG, which compresses the audio signal at the rate of 12:1. Using MP3 format, one disc can record more than 600 minutes music, the sound quality is similar to that of CD discs.

There are many different formats for storing MP3 songs. Usually, one MP3 disc includes many folders (directories) and every folder includes several files (songs).

In stop status, press the up/down direction button to select the directory as you desire and press the ENTER or PLAY button for confirmation, use the up/down direction buttons again to select the desired track.

During MP3 playback, press the previous or next skip button to turn the page.

- There is no search by time and slow playback function for MP3 discs.

# Playback Functions

## **Playing a JPEG**

JPEG is a common picture format that requires very little storage per image with a low loss rate in resolution. Hundreds of pictures can be stored on a disc in this format. In order to create digital albums from film pictures, have your film developer make a "PICTURE CD" in JPEG format.

## **OPERATION**

### **1. Normal Playback**

Load a JPEG disc in. After reading the disc, OSD will display the menu. Use the direction buttons and ENTER button to choose items.

- Many discs have other items besides pictures.

### **2. Picture Rotation**

It can be operated when the picture is normally displayed. Once another picture is selected, rotating function will not be effective.

There are four kinds of rotational modes, you can use direction button to choose:

LEFT ----- Inversion/Normal

RIGHT ----- Enantiomorphism/Normal

UP ----- Rotate up

DOWN----- Rotate down

### **3. Zoom of Picture**

ZOOM button is used to turn on/off zoom and move function.

As the zoom function is turned on, use the fast forward or reverse scan button to display relevant zoom proportion. Use the direction buttons to change and enlarge the point of the picture ratio.

When zoom function is not available, the picture will display normally. Press the MENU button to return to the menu.

Press the STOP button once to activate preview mode.

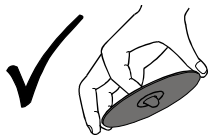
- Influenced by making method, some JPEG discs can only be played normally with no rotate or zoom functions.



## Care of Discs

### How to hold discs

When loading or removing discs, try not to touch their playing surfaces.

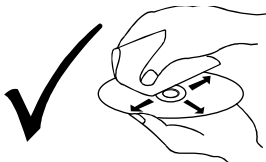


### Cleaning

Fingerprints or other dirt on the disc may affect sound and picture quality. To clean your discs, use a soft clean cloth to wipe them. If necessary, moisten a soft cloth with diluted neutral detergent to remove heavy dirt or fingerprints.



Do not wipe in a circular direction (Concentric scratches in the disc groove tend to cause noise.) Gently wipe from the inside to the outer edge.



### Cleaning Care



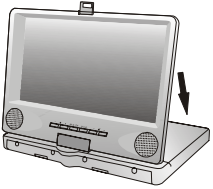
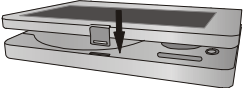
Use a soft, dry cloth for cleaning. For stubborn dirt, soak the cloth in a mild detergent solution; ring well first and wipe. Use a dry cloth to wipe it dry. Do not use any volatile agents such as benzene or paint thinner, as they may damage the surface of the player.

### Lens cleaner

The player's pickup lens should not become dirty under normal use, but is for some reason it should malfunction due to soiling, contact your nearest authorized service center. Lens cleaners are commercially available, but special care should be exercised in their use since some may cause damage to the lens.

## Special Notes On Revolving TFT LCD Screen

The revolving TFT LCD screen is one of the outstanding features of this product. Take the following steps for proper operation.

<p>Pos A</p> 	<p>1. Open the screen cover to position (A) as shown in left figure at which the screen is vertical to the operation panel.</p>
<p>Pos B</p> 	<p>2. Rotate the screen horizontally about its axis in the clockwise direction only. The maximum revolution is 180 degrees (position C). You will hear a click and the screen faces backward. If you want to return to initial position (A) revolve screen counter clockwise until it clicks.</p>
<p>Pos C</p> 	<p>3. You can rotate the screen vertically from position C to the operation panel as indicated in left fig.</p>
<p>Pos D</p> 	<p>4. The final rotating position (position D) at which the screen faces upward with its back to the operation panel.</p>

# Troubleshooting

Symptom	What To Check
The player cannot play.	<ul style="list-style-type: none"> <li>• Make sure the AV IN/OUT switch on the side of the player unit is in the OUT position for standard play.</li> <li>• Make sure the disc cover is closed.</li> <li>• Make sure a disc is loaded.</li> <li>• Make sure the disc isn't loaded upside down.</li> <li>• Disc should be clean, not dirty or warped.</li> <li>• Player's region code should be the same as region code of DVD disc.</li> <li>• Has water condensation has occurred? If it has, remove the disc and keep the player powered up for at least two hours.</li> </ul>
There is no sound.	<ul style="list-style-type: none"> <li>• Make sure system connection is correct.</li> <li>• Make sure the speakers are turned on.</li> <li>• Make sure the sound setup of DVD disc is correct.</li> <li>• Is your disc dirty or warped? Clean or replace disc.</li> </ul>
There is no picture.	<ul style="list-style-type: none"> <li>• Make TV is turned on and in correct video mode.</li> <li>• Make sure your system connection is correct.</li> </ul>
Poor AV performance.	<ul style="list-style-type: none"> <li>• Is your disc dirty or warped? Clean or replace disc.</li> </ul>
Cannot continue playback, plays a section repeatedly.	<ul style="list-style-type: none"> <li>• Make sure the player is not in A-B repeat status.</li> <li>• Press A-B button to cancel it A-B repeat status.</li> <li>• Is your disc dirty or warped? Clean or replace disc.</li> </ul>
The remote control does not work.	<ul style="list-style-type: none"> <li>• Make sure there aren't any obstructions between the remote control and the player.</li> <li>• Make sure you are pointing the remote control at the player.</li> <li>• Make sure batteries are inserted correctly (check polarity).</li> <li>• Replace weak batteries.</li> </ul>

**WARNING:** Do not touch any metal objects to the battery connectors, as it will put the battery in standby mode. To get out of standby mode please connect the battery and portable DVD player to AC or DC power.

## Other possibilities:

Static or other external interfere may cause the player to function abnormally. In this circumstance unplug the power-supply cord from the outlet and plug it in again to reset the player so that normal operation can resume. If you are still having problems, then please disconnect the power and consult your service center or a qualified technician.

# Specifications

TFT screen size		7 inches
Laser Wavelength		Wavelength: 780/650nm
Video System		PAL/NTSC/MULTI
Frequency Response		20Hz~20KHz ±2.5dB
Audio Signal-to-noise Rate		≥ 85 dB
Audio distortion + noise		≤ -70dB (1KHz)
Channel Separation		≥ 70dB (1KHz)
Dynamic Range		≥ 80dB (1KHz)
Audio Out	Analog Audio Out	Out Level: $2V_{\pm 1.0}^{0.2}$ , Load: 10KΩ
	Digital Audio Out	Out Level: 0.5V <sub>p-p</sub> , Load: 75Ω
Video Out	Video Out	Out Level: 1VP <sub>p</sub> ±0.2, Load: 75Ω Unbalanced Negative
Power	AC100-240V~50/60Hz	
Power Consumption	<25W	
Dimension w/o battery	215 mm x 160 mm x 32 mm	
Weight w/o battery	0.95 kg or 2.09 lbs.	
Compliance with FCC, FDA - cUL listed E209155		

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