



数码创导—LG  
DIGITAL

使用说明书

高画质

**DVD**

**DVD-P50**

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DIGITAL  
1000101010100011110101001001001  
DIGITAL LG



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001111010101011101011 <http://www.lge.com.cn>  
DIGITAL

在使用本产品之前，请您仔细阅读该说明书，并请妥善保存，以备将来需要。

## 安全预防措施

**警告：** 为了减少火灾或触电的危险，不要将本产品暴露在雨或湿气中。

**注意：** 本DVD接收器使用激光系统。  
为了确保正确使用本产品，请仔细阅读使用说明书，并保存以备将来之需。如果产品需要维修，请联系最近的授权服务商。  
使用本说明书指定以外的那些控制、调节或操作步骤，可能会引起危险的辐射。  
为了防止直接暴露在激光下，不要试图打开机壳。  
打开机壳时会出现可见激光幅射。  
不要凝视光束。  
本设备不能放在易滴水、溅水的地方，也不能在本设备上放置盛有液体的物体如花瓶。

**警告：** 没有得到设备质量保证方的明确许可而改装或更改，会使用户丧失操作本设备的权力。

记录本产品的型号(现在，当您看见时)

新的DVD播放机的型号和产品编号在DVD播放机机壳的底部。为了今后使用方便，我们建议您将这些号码记录在这里：

型号：\_\_\_\_\_ 产品编号：\_\_\_\_\_

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介绍

## 预防措施

### 管理的注意事项

- 搬运播放机时，总是使用原来运输时的硬纸箱和包装材料。为最大限度保护播放机，象出厂时的包装一样包装播放机。
- 不要在播放机附近使用挥发性的液体如杀虫剂。不要让橡胶或塑料产品长期接触播放机。它们会在其表面留下痕迹。
- 长期使用之后，DVD播放机的上部和后面板会较热。这时正常的，不属故障。
- 如果不使用DVD播放机时，一定要取出光盘并关掉电源。
- 如果长期不使用DVD播放机，播放机将无法发挥正常功能。偶尔打开DVD播放机的电源。

### 放置场所的注意事项

在电视机、收音机或录像机附近放置本DVD播放机时，可能会降低播放画面的质量，声音也可能会失真。如果发生这中情况，将DVD播放机从电视机、收音机或录像机附近移开。

### 清洁播放机的注意事项

使用软的乾布清洁。

- 对于特别脏的地方，可使用在较淡的清洁剂溶液浸过的布，拧干后擦拭。用干布擦干。不要使用任何种类的溶剂，如稀释剂和汽油，因为它们会损伤DVD播放机的表面。
- 如果使用化学物品浸过的布清洁播放机，请按照产品的指南操作。

**警告：**清洁和调整镜头和/或其它部件时，请找专业维修人员操作。

### 获取清晰画面

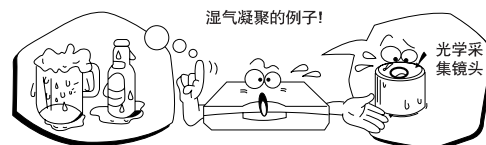
DVD播放机是一种高科技、精密度的设备。如果光学采集镜头和光盘驱动部件太脏或过度磨损，就会降低画面的质量。要获取清晰的画面，我们建议根据操作环境每使用1000个小时定期检查 and 保养播放机(清洁或更换部件)。有关细节，请联系最近的经销商。

## 预防措施晃(继续)

### 湿气凝聚的注意事项

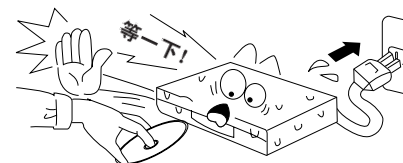
湿气凝聚会损坏DVD播放机。请详细阅读下列内容。

例如，在较暖的天气里将冷的饮料倒入玻璃杯中时就会发生湿气凝聚。在玻璃杯的外面就会形成水滴。同样的原理，湿气也会凝聚在播放机内的光学采集镜头上，这是DVD播放机最重要的内部部件之一。



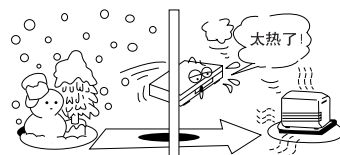
发生湿气凝聚时不要使用DVD播放机。

如果在这种情况下使用DVD播放机，会损坏光盘和播放机的内部部件。取出光盘，将DVD播放机的电源线插到墙壁插座上，打开DVD播放机的电源并保持二、三个小时。二、三个小时之后，DVD播放机就会发热，蒸发掉所有湿气。将DVD播放机一直连接在墙壁插座上，湿气凝聚就会很少发生。



在下列情况下会发生湿气凝聚。

- ❑ 把DVD播放机直接从温暖的地方放到冷的地方。
- ❑ 当您在刚刚打开暖气的房间或空调器中出来的冷风直接吹到播放机的地方使用DVD播放机时。
- ❑ 在夏季，当您刚从空调房间取出之后而在热和潮湿的地方使用DVD播放机时。
- ❑ 在潮湿的地方使用DVD播放机时。



## 关于光盘的注意事项

该部分向您说明如何管理、清洁和保存光盘。

### 关于光盘的管理

- 不要触摸光盘的播放一面。



- 不要在光盘上粘贴纸或胶带。

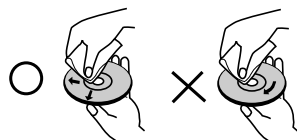


### 关于保存光盘

- 不要把光盘暴露在直射阳光或热源下
- 不要在湿气和尘土较多的地方如浴室或靠近加湿器的地方保存光盘。
- 将光盘垂直地方在盒子里。堆在一起或在光盘的外盒上放置物体均可能会导致光盘变形。

### 关于清洁光盘

- 光盘上的手指印和灰尘会降低画面质量，使声音失真。用软布从中心向外擦拭光盘。经常保持光盘清洁。
- 如果无法用软布擦去灰尘，用微湿的软布轻轻擦拭光盘，然后用干布擦干。
- 不要使用种类的溶剂如稀释剂、汽油、商业用清洁剂或用于旧乙烯基唱片的防静电喷雾剂。这样会损坏光盘。



### 关于用户指南

- 本用户指南说明了本DVD播放机的基本指南。
- 一些DVD影视光盘可能具有本用户手册没有说明的功能。因此，一些指南可能与用户指南中的不同，也可能有额外的功能。在这种情况下，按照电视机屏幕或包装上显示的指南操作。
- 操作期间，电视机屏幕上可能会出现“⊘”。该图标的意思是本手册说明的功能不适用此特殊DVD影视光盘。

## 控制按钮的名称

主机

### \*\*\*AV输入/输出开关

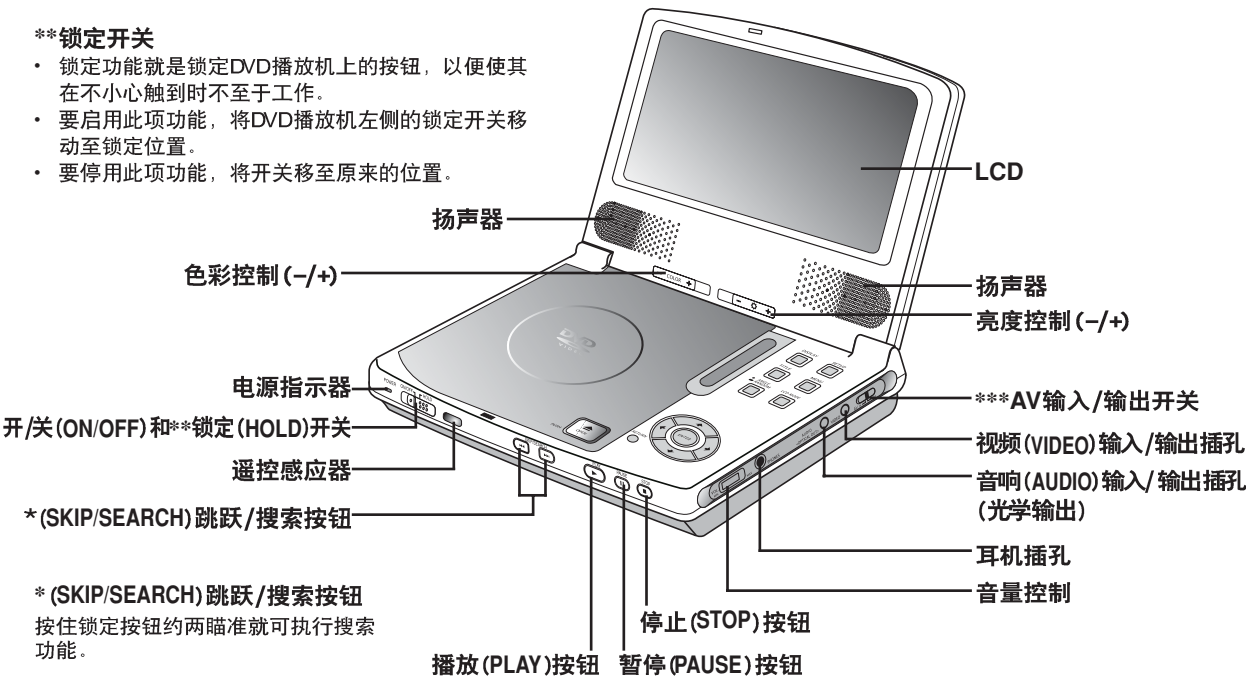
AV输出模式：播放光盘时。

AV输入模式：欣赏来自其它设备的影视时。

介绍

### \*\*锁定开关

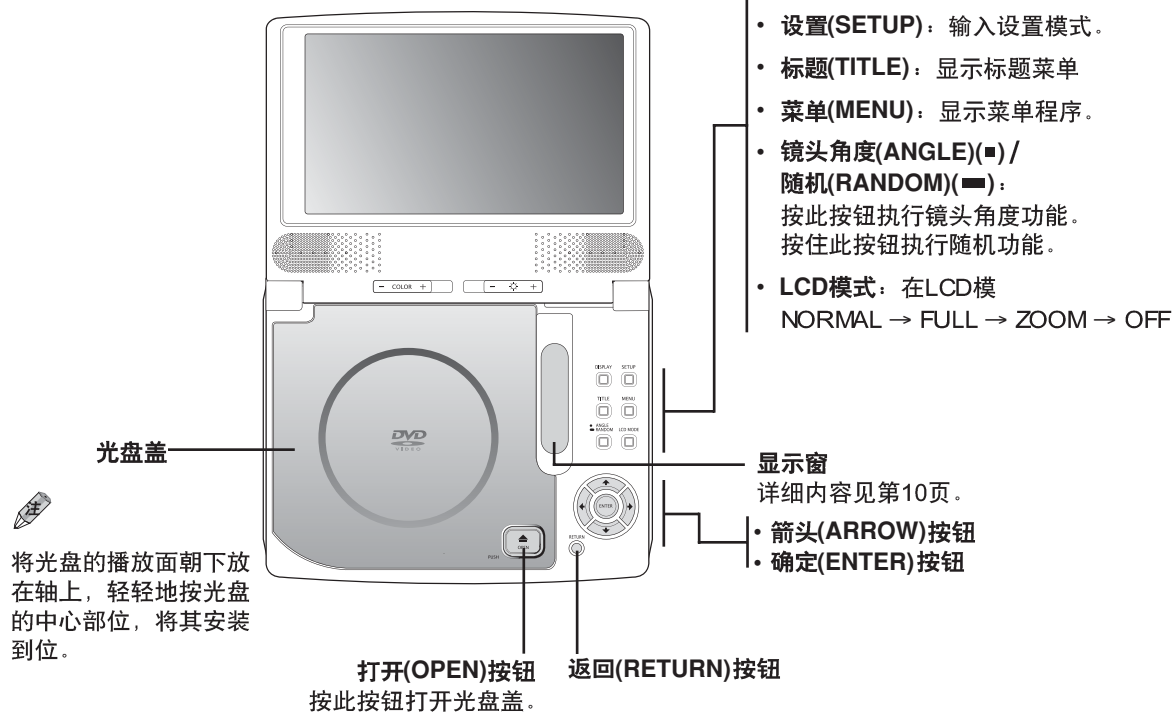
- 锁定功能就是锁定DVD播放机上的按钮，以便使其在不小心触到时不至于工作。
- 要启用此项功能，将DVD播放机左侧的锁定开关移动至锁定位置。
- 要停用此项功能，将开关移至原来的位置。



## 控制按钮的名称(继续)

主机

介绍

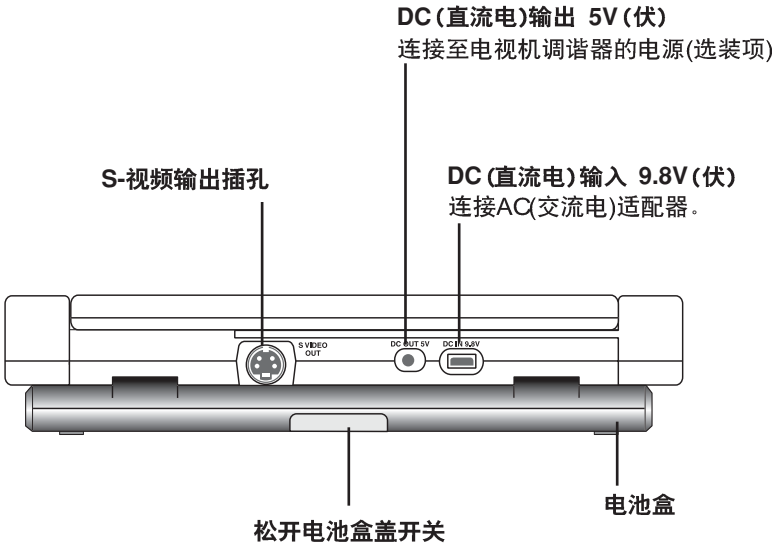




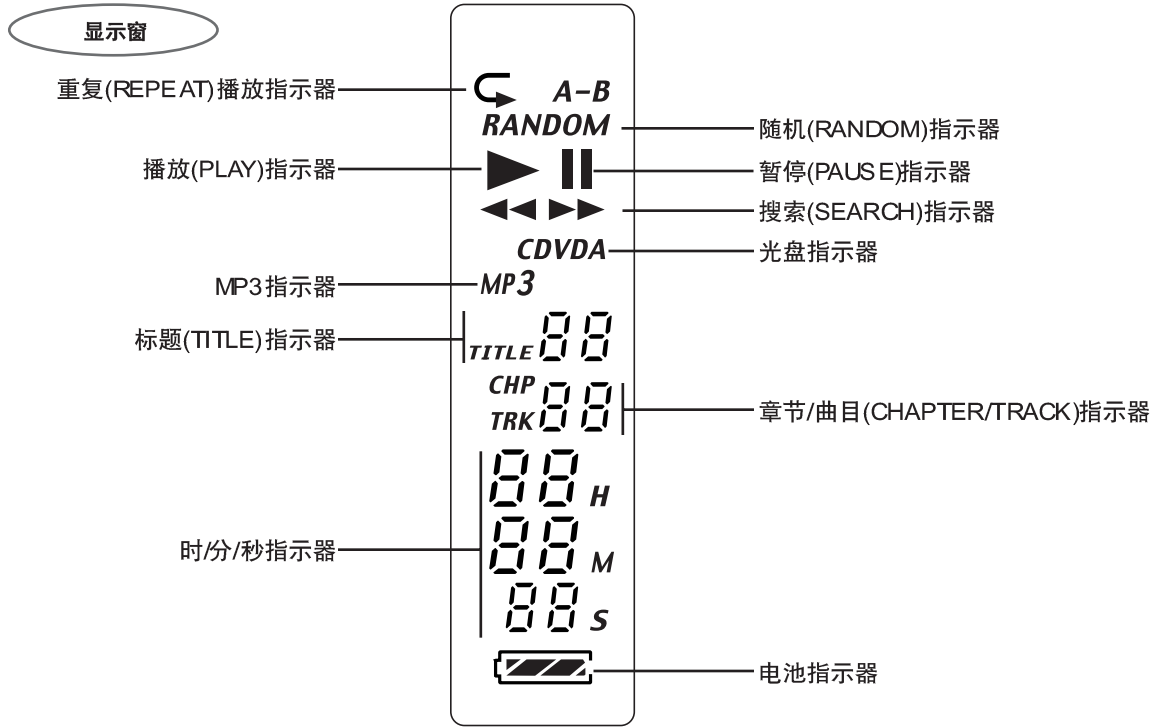
控制按钮的名称(继续)

背面图

介绍



控制按钮的名称(继续)



介绍

控制按钮的名称(继续)

遥控器

介绍

音响(AUDIO)按钮

电源(POWER)按钮

跳跃/搜索(SKIP/SEARCH)按钮

PLAY(播放), PAUSE(暂停), STOP(停止)按钮

\*\*菜单(MENU)按钮

\*\*\*箭头按钮/确定(ENTER)按钮

设置(SETUP)按钮

数字(NUMBER)按钮

**\*\*菜单(MENU)按钮**  
使用菜单(MENU)按钮显示DVD光盘中包含的菜单屏幕。要操作菜单屏幕,按照“使用DVD菜单”中的指南进行。(第25页)

**\*\*\*箭头按钮**  
(上、下、左、右)用于加亮GUI菜单屏幕、标题(TITLE)和菜单(MENU)屏幕上的选择。

字幕(SUBTITLE)按钮

A-B按钮

慢动作(SLOW)按钮

放大(ZOOM)按钮

显示(DISPLAY)按钮

\*标题(TITLE)按钮

标识/搜索(MARKER/SEARCH)按钮

重复(REPEAT)播放按钮

返回(RETURN)按钮

编辑(PROGRAM)按钮

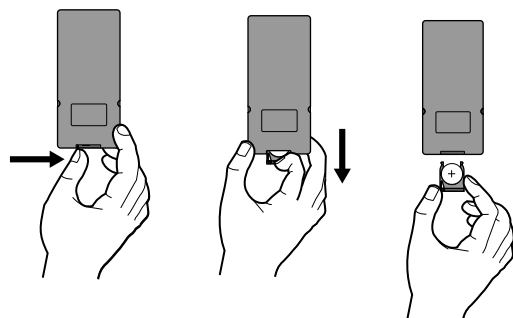
清楚(CLEAR)按钮

**\*标题(TITLE)按钮**  
用标题(TITLE)按钮显示DVD影视光盘中包含的标题菜单。要操作菜单屏幕,按照“使用DVD菜单”中的指南进行。(第25页)

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## 控制按钮的名称(继续)

### 装入电池(锂电池)



- 不要让遥控器感应器暴露在亮光下。
- 在遥控器感应器和遥控器之间不要放任何物体。

### ■ 更换币型电池

通常电池一年需要更换一次。在操作范围内无法用遥控器操作播放机时，就需要更换电池了。

### 币型电池(锂电池)

1. 将电池固定器夹子压到一起，然后拉起凸出部份取出电池固定器。
2. 按照电池固定器上+的同一方向装入电池。
3. 将带有电池的电池固定器装入遥控器内，确认完全装入。

- 用3V的微锂电池如CR2025或同样类型的电池更换遥控器的电池。
- 按照当地法律安全地处理电池。不要将电池置于火中。

**警告：**如果处理不当，本设备中所使用的电池可能会引起火灾或化学燃烧灾害。不要充电、分解、焚烧或者使之受热在100°C (212°F)以上。

请使用Matsushita电子有限公司的电池更换。(松下)，仅限零件号码为CR. 2025电池

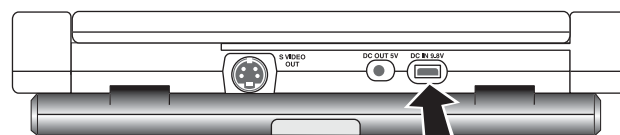
使用其它种类的电池可能会有火灾或爆炸的危险。废弃使用过的电池。使电池远离儿童。不要分解电池或置于火中。

介绍

## 电源连接

### AC 适配器

介绍



连接至DC(直流电)插口

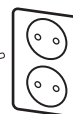
2

交流电适配器

1

电源线

3



至墙壁上的插座

按照步骤1至3连接。  
断开连接时，按照相反的顺序进行。

### AC 适配器

- 该AC适配器工作的电压为100-240V~ 1.5A 50- 60Hz。
- 型号：AD-DP40
- 由POWERNET制造。
- 与电子零件分销商联系，让其帮助选择一个合适的AC插头适配器或AC电源线套件。

### 注意：

- 不要将电源插头插到不是标签上指定的电源插座上，因为这样会有火灾或触电的危险。
- 不要用湿手去连接或断开电源。这样做会导致触电。
- 不要使用不是指定的AC适配器，这样会引起火灾或损坏播放机。

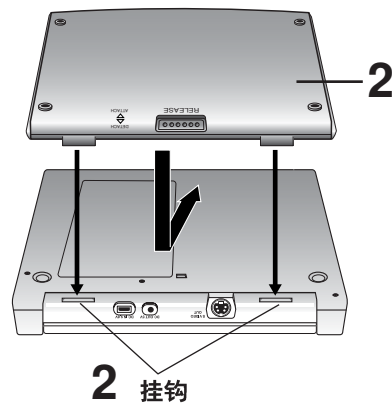
## 电源连接

### 电池组件

- 第一次使用播放机时，请为电池盒充电。

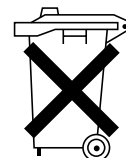
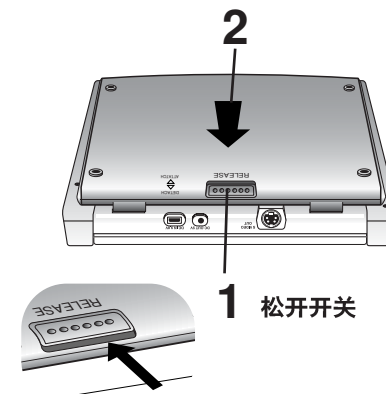
### ■ 安装电池盒

1. 将电池盒的挂钩对准播放机背面的孔。
2. 按住和移动电池盒直到挂钩发出啪哒声。



### ■ 分开电池盒

1. 按松开开关。
2. 移动电池盒直到发出啪哒声。



### 注意

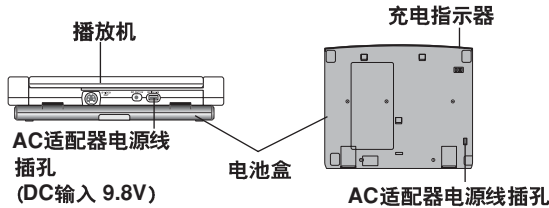
您购买的产品包含一个可充电的电池盒。电池可以循环利用。在电池寿命结束时，根据各个国家和地区的法律，将其扔在市政废水中可能是违法的。查阅当地固体废物/官方有关回收利用和正确废弃的详细信息。

介绍

电源连接

给电池盒充电

- 1. 将电池盒安装到播放机上。
- 2. 将提供的AC适配器和电源线连接到播放机上。或将AC适配器电源线连接至电池盒。
- 3. 在充电期间，充电指示器是红色的。如果充电完成，充电指示器变为绿色。



警告

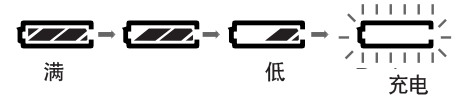
- 采取下列措施避免液体泄露、过热等。
- 不要使用任何未经认证的零件。
  - 为电池充电时使用经认证的AC适配器。
  - 不要暴露在60°C (140°F)的高温下。
  - 不要试图拆开或改装播放机。
  - 额外的碰撞会造成播放机发生故障。
  - 不要焚烧。
  - 不要分解，正确地废弃。

充电和播放时间

充电		播放时间	
没有播放机时	有播放机	LCD开	LCD关
大约 2.5 小时	大约 5 小时	大约 4 小时*	大约 7 小时

- \* 当亮度控制设置为“-”。
- 根据操作环境显示上述时间。

在播放机的显示窗中确认电池充电



- 如果使用AC适配器，不出现电池显示。

如果再充电后播放时间明显地减少

电池盒的使用寿命已快要结束。(大约可再充电300次)

如果长时间不使用播放机

- 分开电池盒。(即使播放机的电源已关闭，当仍会消耗一些电力。这会导致电池的过多放电和故障。)
- 准备再次使用播放机时再为电池盒充电。

电池盒

- 型号：DP-BT40
- 由Smart移动通信制造

介绍

## 播放光盘

DVD VCD CD

### 基本播放

#### - 准备连接电源

1. 打开外盖，将开/关(ON/OFF)开关移动至左侧，打开播放机的电源。

电源指示器点亮，5秒钟后指示器消失。

2. 按打开(OPEN)按钮打开光盘盖，标签朝上放入想要播放的光盘。用手关上光盘盖。

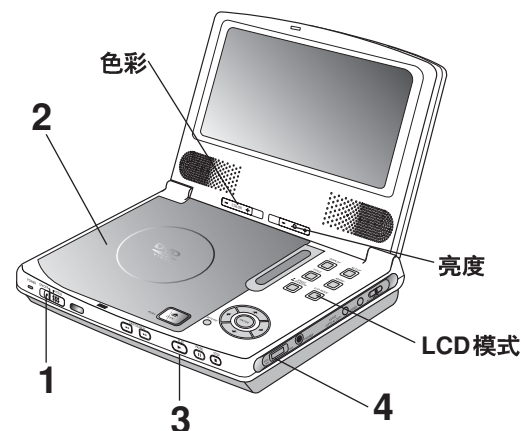
- 如果光盘方反了(是单面光盘)，电视机屏幕会出现“NO DISC(没有光盘)”或者“DISC ERROR(光盘错误)”。
- 如果您放入一张音乐CD(光盘)，显示窗中的CD(光盘)指示器点亮。不会出现标题号码。
- 播放完一个标题中所有的章节后，DVD播放机会自动停止，并返回菜单屏幕。

3. 按PLAY按钮开始播放。

4. 调整音量。



- 将光盘的播放面朝下放在轴上，轻轻地按光盘的中心部位，将其安装到位。
- 按LCD MODE(LCD模式)按钮确认LCD MODE(LCD模式)的位置。
- 如果LCD上没有画面出现，检查AV输入/输出开关是否设在AV OUT(AV输出)模式。



基本操作

#### ■ 调整色彩度

利用COLOR(色彩)移动开关 -/+调整色彩度。

- ; 黑色和白色
- +; 彩色

- 电耗随着色彩的水平而增加。

#### ■ 调整亮度

利用BRIGHTNESS移动开关 -/+ 调整亮度

- ; 暗
- +; 亮



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■ 改变画面的大小

利用LCD MODE(LCD模式)改变画面模式。播放机显示窗中的模式显示如下。

NORMAL → FULL → ZOOM → OFF



■ 画面模式和大小

画面根据显示模式和录制在光盘上的大小显示在LCD上。

软件 \ 模式	标准(NORMAL)	标准(FULL)	放大(ZOOM)	关(OFF)
宽屏幕	全屏 	全屏 	顶部和底部的边被切掉。 	关
比例(4 :3)	左右有黑边的屏幕 	标准模式屏幕是水平放大。 	全屏模式的顶部和底部的边被切掉。 	关
比例(4 :3) 屏幕	画面四周有一个黑框。 	标准模式屏幕是水平放大。 	全屏 	关



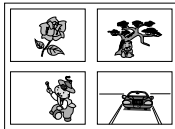
- 如果不使用播放机上的LCD，选择OFF(关)以保存电能。
- 如果关上播放机，LCD将被关闭。
- 如果选择ZOOM(放大)模式，画面中可能会出现水平线条，但这并表示出了故障。

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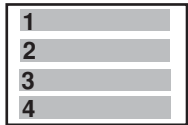
■ 电视机屏幕上出现菜单屏幕时

如果播放具有控制功能的交互式DVD，电视机屏幕上会出现菜单屏幕。

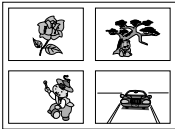


屏幕菜单上交互式DVD的例子

按 ▲/▼/◀/▶ 和 ENTER(确定)按钮，或按数字按钮，选择所需要的项目。



或



开始播放所选择的项目。

- 进一步的信息，也可以参照所播放光盘的封套或盒子。

操作之后

不使用播放机时，取出光盘，按POWER(电源)按钮关闭DVD播放机。

影视光盘

这包含以与录像带同样的质量标准录制的画面和声音。本播放机也支持具有播放控制可能的影视光盘(2.0版本)

什么是播放控制(PBC)?

如果一张影视光盘上或其封套上写有“playback control”(播放控制)，意思就是说可以利用菜单屏幕在电视机屏幕上交互地欣赏选择的特殊场面和信息。



- 在按一个按钮期间电视机屏幕上出现“⊙”时，这表示该功能不适用于您正在播放的光盘。
- 根据DVD光盘的不同，一些操作可能不同，也可能受到限制。参照所播放光盘的封套或盒子。

基本操作

## 播放光盘

DVD VCD CD

### ■ 停止播放

在播放期间按STOP(停止)按钮。

### ■ 继续播放

播放停止时，播放机会录下STOP(停止)按钮被按下的点(RESUME(继续播放)功能)  
按PLAY(播放)按钮将会从这一点开始播放。



- 该操作只适用于在播放停止期间剩余播放时间会显示在显示窗中的光盘。
- 在STOP(停止)模式下按STOP(停止)按钮时，继续播放功能将被清除。
- 继续播放功能不适用于一些DVD光盘或影视光盘(2.0版本)。

### ■ 屏幕保护

屏幕保护对防止显示屏损坏是非常有用的。  
DVD播放机处于停止模式约5分钟就会出现屏幕保护画面。

### 自动关闭电源功能

屏幕保护启动约5分钟，DVD播放机就会自动关闭自身的电源。

基本操作



屏幕保护

播放光盘

DVD VCD CD

■ 静止画面

在播放期间按 PAUSE (暂停)按钮。

- DVD数码影视光盘/Video CD影视光盘  
播放机将处于静止画面模式。
- 光盘  
播放机将处于暂停模式。

■ 逐帧前进 (仅适用于DVD (数码影视光盘)和影视光盘)

在播放静止画面期间按 PAUSE (暂停)按钮。  
(每按一次PAUSE(暂停)按钮，画面就前进一帧。)

要继续标准播放，按PLAY (播放)按钮。

■ 向前或向后跳跃章节和曲目

向前跳跃

在播放期间按SKIP▶▶I (跳跃)按钮。

每按一次按钮，就跳跃一个章节(DVD)或一个曲目  
(CD/Video CD)。

向后跳跃

在播放期间按SKIPI◀◀ (跳跃)按钮。

- 在跳跃章节/曲目的中途按一次该按钮，播放机返回  
该章节/曲目开始的地方。如果再按钮，则每按一次  
按钮，就跳跃一个章节/曲目。

供您参考：

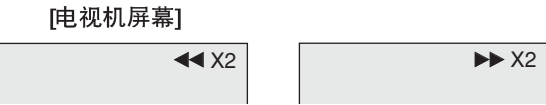
- 在具有PBC功能(2.0版本)的影视光盘的播放期间  
按◀◀SKIP▶▶I (跳跃)按钮，有时会返回菜单屏幕。

基本操作

播放光盘

DVD VCD CD

■ 快进或快倒播放查找  
在播放期间按住 **SKIP** ◀◀ 或 ▶▶ (跳跃)按钮约2秒钟。



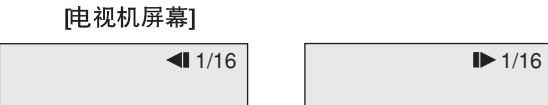
- 开始时前进(快进)速度较慢。再按此按钮时，速度就会变快。(每按一次该按钮，速度就会增加至4档(DVD)或3档(Video CD/CD)。
- 即使松开此按钮，也会保持此速度。

要返回标准播放，按**PLAY** (播放)按钮。



- 在DVD(数码影视光盘)的高速快进或快倒播放期间，DVD播放机不播放声音。但是，在音乐光盘的快进或快倒播放期间，DVD播放机会播放声音。

■ 慢动作播放 (仅适用于DVD和Video CD)  
在播放期间按 **SLOW** ◀◀ 或 ▶▶ 按钮。  
播放速度变为正常播放速度的1/16。



- 开始时慢动作的速度较慢。再按一次该按钮，速度就会变快。(每次按此按钮，速度就会增加，最大可至4档。)
- 即使松开此按钮，也会保持此速度。

要返回标准播放，按 **PLAY** (播放)按钮。



- 在慢动作播放期间，声音为静音。
- 在慢动作播放期间，屏幕上不会出现字幕。
- **SLOW**(慢动作)按钮不适用于音乐光盘。
- 慢动作倒放不适用于影视光盘。

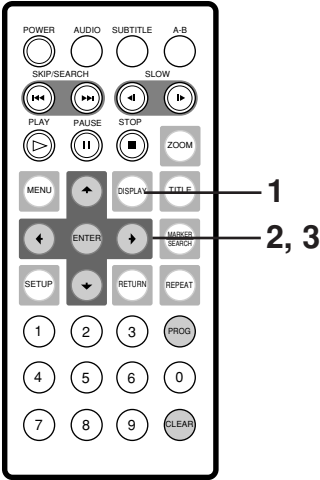
基本操作

关于 GUI 菜单图标的一般信息

DVD VCD CD

本播放机有用 GUI 菜单图标显示光盘信息(标题/章节/曲目号码、剩余播放时间、音响/字幕语言、镜头角度和声音)和播放机信息(重复播放、播放模式、标识等)的功能。  
一些图标只显示指定信息。其它图标则允许改变设置。

\* GUI：图像用户界面

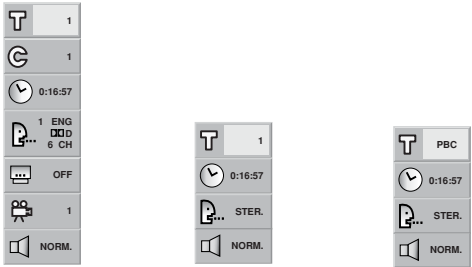


一般程序

- 1. 在播放中按 **DISPLAY (显示)**按钮。  
从停止模式可以进入标题功能。
- 2. 按 **▲/▼** 按钮选择所需的项目。  
被选定的当前项目由一个黄色的框在其 GUI 菜单图标上标记出来。
- 3. 按 **◀/▶** 按钮选择所需要的设置。
  - 当号码显示出来时(例如标题号码)，也可以使用数字按钮来设置，而不需使用 **◀/▶** 按钮。
  - 对于一些功能，设置会立即被登录生效；而其它一些功能则需要按 **ENTER (确定)** 按钮。

要清除 GUI 菜单图标，再按 **DISPLAY 显示** 按钮。

GUI 菜单图标的例子  
(根据光盘内容的不同，屏幕可能不同。)



(数码影视光盘 GUI) (光盘/影视光盘 GUI) (影视光盘(2.0版本))

使用 GUI 菜单图标操作

每一个 GUI 菜单图标的详细说明

DVD

您可以在电视机屏幕上看到关于光盘的信息及其操作状态。

在播放中按 DISPLAY (显示) 按钮。[电视机屏幕]	DVD GUI	功能 (按 ▲/▼ 按钮选择所需项目)	选择方法
	1	显示当前标题号码 和跳至所需要的标题号码。	◀/▶、或数字 ENTER
	1	显示当前章节号码 和跳至所需要的章节号码。	◀/▶、或数字 ENTER SKIP
	0:16:57	显示剩余播放时间 和用所需时间直接选择场面。	数字 ENTER
	1 ENG DOLBY DIGITAL 6 CH	显示当前音响声道语言、编码方法、频道号码 和改变设置。	◀/▶、AUDIO
	OFF	显示当前字幕语言 和改变设置。	◀/▶、SUBTITLE
	1	显示当前镜头号码 和改变镜头。	◀/▶、ANGLE
	NORM.	显示当前声音模式(标准或3D环绕声) 和改变设置。	◀/▶

使用 GUI 菜单图标操作

每一个 GUI 菜单图标的详细说明(继续)

VCD CD

在播放中按 DISPLAY (显示)  
按钮。[电视机屏幕]  
CD/Video CD GUI

功能  
(按 ▲/▼ 按钮选择所需项目)

选择方法



显示当前曲目号码  
和跳至所需曲目号码。

显示剩余播放时间。  
(仅限显示)

显示当前音响(立体声、左声道、右声道)  
和选择所需音响声道。

显示当前声音(标准或3D环绕声)  
和改变设置。



使用 GUI 菜单图标操作



- 有些DVD 光盘可能不提供上述所有的GUI菜单图标。



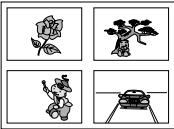
使用标题菜单

有些电影光盘可能含有两个或以上的标题。如果光盘录制有标题菜单，可以使用标题按钮选择电影标题。(根据使用的光盘的标题，操作的细节可能不同。)

- 有些DVD光盘可能无法选择标题。

1. 按 TITLE (标题)按钮。

显示光盘上的标题清单。

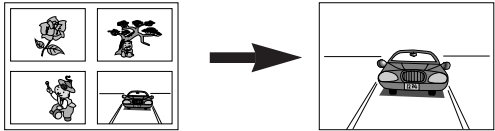


再按TITLE (标题)按钮从TITLE (标题)按钮第一次被按下的场面继续播放。

- 有些光盘可能无法使用继续播放功能。

2. 按 ▲/▼/◀/▶ 按钮和按 ENTER (确定) 或者播放按钮，或者按数字按钮选择所需标题。

开始播放选择的标题。

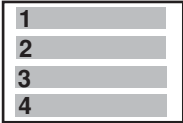


使用 DVD 菜单

一些DVD可能有独特的菜单结构，这称为DVD菜单。例如，编辑有复杂内容的DVD提供向导菜单，和那些用各种语言录制的菜单将为音响和字幕语言提供菜单。尽管DVD菜单的内容和操作每一张都不尽相同，下面将说明使用此功能时的基本操作。

1. 在播放中按 MENU (菜单)按钮。

显示光盘上可使用的DVD菜单。

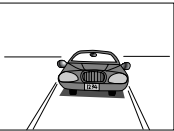


再按MENU(菜单)按钮将从MENU(菜单)按钮第一次被按下的场面继续播放。

- 有些光盘可能无法使用继续播放功能。

2. 按 ▲/▼/◀/▶ 按钮和按 ENTER (确定) 或者播放按钮，或者按数字按钮选择所需标题。

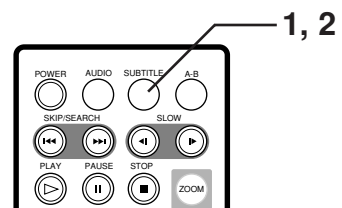
执行所选定的项目。



## 改变字幕语言



可以将初始设置时选择的语言改为不同的字幕语言。  
(进一步的信息请见第38页。)  
该操作只使用于录制有多字幕语言的光盘。



- 在一些情况下，字幕语言无法立即改为所选择的语言。
- 播放支持关闭标题的光盘时，字幕和关闭标题可能会交替出现在电视机屏幕上。在这种情况下，关闭字幕。
- 在按几次按钮后仍然无法选择所需要的语言时，这说明该语言不适用于此光盘。
- 在打开电源或取出光盘时，将以初始设置时选择的语言显示字幕。如果光盘没有录制此种语言，将出现此光盘优先使用的语言。

### 1. 在播放中按 SUBTITLE (字幕)按钮。

没有录制字幕时，将显示“OFF(关)”，而不是语言号码。



### 2. 反复按 SUBTITLE (字幕)按钮直到选择所需的语言。

将显示正在播放的字幕语言的号码。



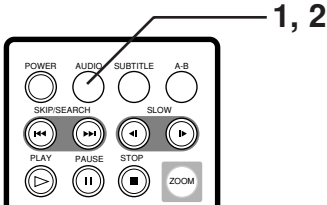
### 取消屏幕上的字幕。

重复按SUBTITLE(字幕按钮)，在第二步选择OFF(关)。

改变音响声道语言

DVD VCD CD

在使用DVD光盘时，可以将音响声道语言(或编码方法、频道号码)从初始设置时选择的语言改为一种不同的语言(参见38页的说明)。该操作只适用于录制有多音响声道语言的光盘。  
在播放音乐光盘时，可以改变音响声道。



- 在按几次按钮后仍然无法选择所需要的语言时，这说明该语言不适用于此光盘。
- 在打开电源或取出光盘时，将以初始设置时选择的语言显示字幕。  
如果光盘没有录制此种语言，将只能收听此光盘录制的语言。
- 一些光盘可能不会对音响功能做出反应。

• DVD (数码影视光盘)

1. 在播放中按 **AUDIO** (音响)按钮。  
正在播放的音响声道语言的号码。



2. 反复按 **AUDIO** (音响)按钮直到选择了所需的语言(或编码方法、频道号码)。



• CD/Video CD (光盘/影视光盘)

1. 在播放中按 **AUDIO** (音响)按钮。



2. 反复按 **AUDIO** (音响)按钮直到选择了所需的语言。



高级操作

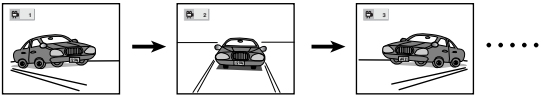
从另一个镜头角度观看



一些DVD可能包含有可以同时从数个镜头角度观看的场面。对于这些光盘来说，可以使用ANGLE(镜头角度)按钮从数个不同的镜头角度一一观看同一场面。(根据使用的光盘的不同，录制的镜头角度也不同。)

1. 在播放中按 ANGLE (镜头角度)按钮。

正在播放的镜头角度的号码。



2. 反复按 ANGLE (镜头角度)按钮直到选择了所需的镜头角度。

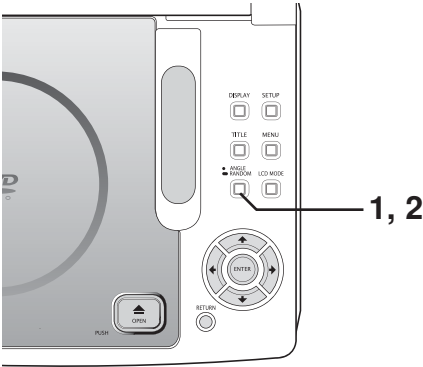


供您参考

- 在播放以不同镜头角度录制的场面时，显示窗中的ANGLE(镜头角度)指示器会闪烁，表明可以打开镜头角度。
- 可以预先编辑镜头角度的号码；当ANGLE(镜头角度)指示器闪烁时可以打开号码被选择的镜头角度。



- 该功能只适用于有以不同镜头角度录制的场面的光盘。



高级操作

### 产生3D环绕声效果

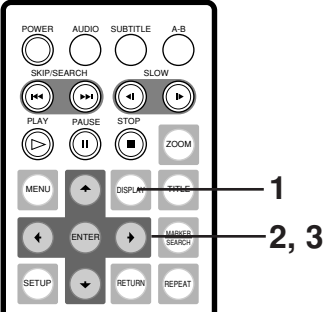
DVD CD

本播放机可产生3D环绕声效果，使用3D环绕声技术，可以从两个普通的立体声扬声器中模拟多声道音响播放，来收听通常需要5个或更多扬声器才能收听的家庭影院系统的多声道音响。该功能只适用于以杜比专业逻辑和杜比数码音轨编码的DVD(数码影视光盘)。

1. 在播放中按 **DISPLAY (显示)** 按钮。
2. 按 **▲/▼** 按钮选择 **SOUND (声音)** 项目。



3. 反复按 **◀/▶** 按钮直到选择所需要的声音。  
每次按此按钮，电视机屏幕都会显示变化。



- 该3D环绕声效果不适用于一些DVD光盘，如那些用模拟音响音轨录制的光盘。
- 使用本3D环绕声效果时，请关闭电视机环绕声和其它环绕声效果。
- 要使用两个扬声器获得最佳的3D环绕声效果，建议两个扬声器保持大约2米到2.5米的距离，收听的位置与两个扬声器也保持2米至2.5米的距离。

高级操作

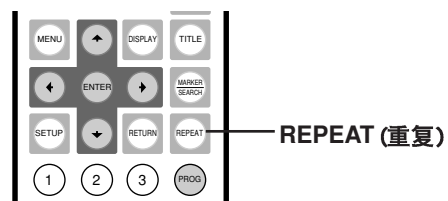
## 重复播放

DVD VCD CD

### 重复观看(收听)

在播放中按 REPEAT (重复)按钮。

每次按此按钮,电视机屏幕将变化如下,播放机将重复播放光盘上的一个章节或标题(DVD)或曲目(CD/Video CD)。

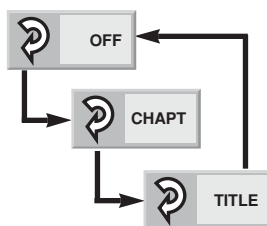


### • 数码影视光盘

取消重复播放模式  
(标准播放)

重复播放正在播放的  
章节

重复播放正在播放的  
标题

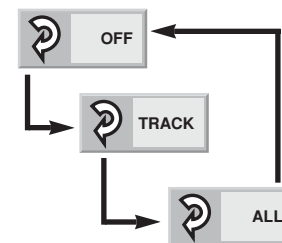


### • 光盘/影视光盘

取消重复播放模式  
(标准播放)

重复播放正在播放的  
曲目

重复播放整个光盘的  
内容



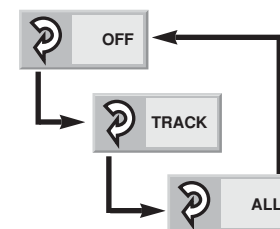
### 要欣赏编辑重复播放(光盘/影视光盘)

如果在编辑播放中按REPEAT(重复播放)按钮,重复播放可以如下操作。

取消重复播放模式  
(编辑播放)

重复播放当前编辑的  
曲目

重复播放全部编辑的  
曲目



### 要返回标准播放

反复按REPEAT(重复播放)直到显示“OFF(关)”。

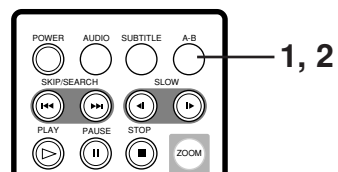
高级操作

## 重复播放(继续)

DVD VCD CD

重复播放两个特定点之间的部分 (A-B 重复)

1. 在播放至想要开始重复播放的点(A)时按 A-B按钮。



- 在这一步您可以按CLEAR(清除)按钮选择“OFF(关)”。

2. 在播放至想要结束重复播放的点(A)时按 A-B按钮。



开始重复播放特定点A和B之间的选择部分。



- 重复播放时只适用于显示窗中出现剩余播放时间的光盘。
- 重复播放可能无法适用于一些DVD(数码影视光盘)和一些影视光盘。
- A-B重复播放只适用于标题(DVD)或曲目(CD/Video CD)之间。
- 录制在特定点A或B附近的一些字幕可能无法显示。

### 要返回标准播放

按一次A-B按钮显示“OFF(关)”。

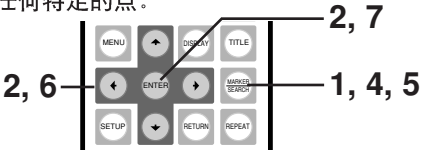


高级操作

在记忆中储存标识以便再次观看(收听)

DVD VCD CD

在DVD(数码影视光盘)的记忆中储存标识就象在一本书的某一页做记号一样。它使您可以快速地返回光盘中的任何特定的点。



在记忆中储存标识

1. 在播放中按 **MARKER/SEARCH**(标识/搜索)按钮。  
MARKER SEARCH(标识搜索)菜单出现在电视机屏幕上。



2. 在播放中，当播放到想要记忆的点时按 **ENTER** (确定) 按钮。
- 出现标识菜单。
  - MARKER SEARCH(标识搜索)菜单出现期间，请在10秒钟内这样做。
  - 要输入另外的标识点，按 **◀/▶** 按钮直到MARKER SEARCH(标识搜索)菜单上的空点被点亮，然后在播放到想要记忆的下一个标识的点时按 **ENTER**(确定)按钮。

3. 重复第二步，在一长光盘上最多可输入9个标识点。

4. 要取消 **MARKER SEARCH** (标识搜索) 菜单，按 **MARKER/SEARCH**(标识/搜索)按钮。

查找/清除标识

5. 在播放中 **MARKER/SEARCH**(标识/搜索)按钮。  
屏幕上出现MARKER SEARCH(标识搜索)菜单。



6. 按 **◀/▶** 按钮选择要查找/清除的标识。
7. 按 **ENTER** (确定)按钮查找标识。  
按 **CLEAR** (清除)按钮清除标识。  
继续播放从相应的点到选择的标识之间的部分，或者清除选定的标识。



- 这些操作只适用于在播放中或停止时显示窗中出现剩余播放时间的光盘。
- 录制在标识附近的一些字幕可能无法显示。
- 关闭电源或取出光盘时，所有的标识将被清除。
- 当DVD或标题菜单显示在电视机屏幕上时将无法储存标识。

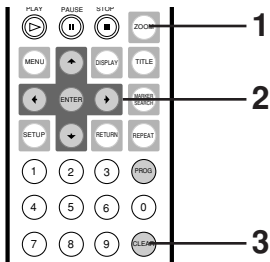
高级操作



放大功能/随机播放

DVD VCD

放大功能 (仅适用于数码影视光盘和影视光盘)  
放大功能使您可以放大影视图像并通过放大的图像来移动。



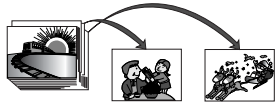
- 1. 在播放或静止播放中按 ZOOM (放大)按钮激活放大功能。  
如果反复按ZOOM(放大)按钮，放大倍率将增加(6倍)。
- 2. 使用 ▲/▼/◀/▶ 按钮移动放大的画面。
- 3. 按 CLEAR (清除)继续标准播放。



- 一些光盘不适用放大功能。
- 放大功能不适用于含有字幕或菜单的DVD影视光盘。

随机播放 (卡拉 OK数码影视光盘、影视光盘或光盘)  
注意：该功能只适用于卡拉OK数码影视光盘、语言光盘和影视光盘。随机播放不适用于DVD电影光盘。  
您可以以随机顺序播放标题和曲目。

(随机播放)  
DVD播放机只自动选择DVD影视卡拉OK光盘的曲目，并随机播放。



- 1. 在标准播放或停止模式按住主机上的 RANDOM (随机播放)按钮约2秒钟。  
DVD播放机自动开始随机播放，RANDOM(随机播放)指示器出现在显示窗中。
- 2. 要继续标准播放，按住主机上的 RANDOM (随机播放)按钮约 2秒钟直到 RANDOM (随机播放)指示器从显示窗中消失。



- 某些光盘可能不适用随机播放。
- 如果在随机播放中按了 SKIP ◀◀ 或 ▶▶ 按钮，DVD播放机随机跳至另一个曲目并开始播放。

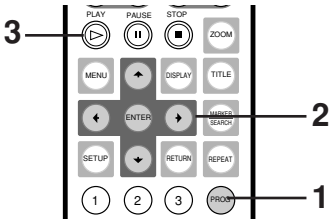
高级操作

编辑播放



本播放机可以以您指定的顺序播放光盘上的曲目。

注：编辑播放功能只适用于音乐光盘。它不适用于DVD电影光盘和影视光盘(2.0版本)。



1. 在停止模式按 **PROGRAM (编辑)** 按钮。  
电视机屏幕上出现编辑播放菜单屏幕。



- 要退出菜单屏幕，按PROGRAM(编辑)或RETURN(返回)按钮。

2. 按 **▲/▼/◀/▶** 按钮和数字按钮，选择所需的曲目号码。



- 重复第二步选择另一个曲目。
- 最多可编辑20个曲目。

3. 按 **PLAY (播放)** 按钮退出屏幕。  
选定的曲目被储存在记忆中，开始以编辑的顺序播放。

所有编辑的曲目播放完之后  
播放停止。

清除编辑

- 一个一个地清除编辑曲目  
按 **▲/▼/◀/▶** 按钮选择不想要的曲目号码，然后按 **CLEAR**(清除)按钮。
- 要取消所有的编辑曲目  
按 **▲/▼/◀/▶** 按钮选择 “Clear All(全部清除)”，然后按 **ENTER**(确定)按钮。按PROGRAM(编辑)或RETURN(返回)按钮退出菜单屏幕。  
(当关闭电源或取出光盘时，编辑也将被清除。)

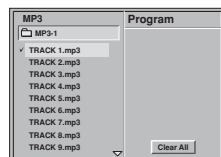
高级操作

## 播放MP3

MP3

### 1. 放入一张 MP3 光盘。

显示MP3 菜单，自动开始播放。



### 2. 按 ▲/▼ 按钮选择所需的 MP3 文件，然后按 PLAY (播放) 按钮或 ENTER (确定) 按钮开始播放文件。

#### 供您参考

- 在播放中按SKIP▶▶ (跳跃)或SKIPL◀◀ (跳跃)按钮将播放下一个或前一个文件。
- 按DISPLAY (显示)按钮将移至下一页。
- 按PAUSE (暂停)按钮进入暂停模式，按PLAY (播放)按钮或再按PAUSE (暂停)按钮返回标准播放。
- 按STOP (停止)按钮停止播放。

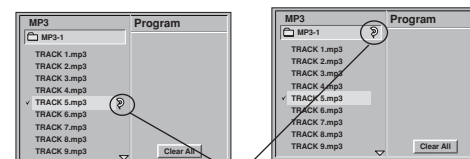
#### 重复播放 MP3 文件

- 在播放中如果按REPEAT (重复播放)按钮，将重复播放当前的MP3 文件。
- 在播放中如果按两次REPEAT (重复播放)按钮，将播放光盘上所有的MP3 文件。
- 如果按三次REPEAT (重复播放)按钮，将取消重复播放。



- 只能用英语显示文件名称。
- 如果是无法显示的编码，将显示下划线(\_)，而不是显示英语。
- 本播放机一张光盘最多可播放200个文件。
- 光盘格式只能与 ISO9660一致。
- 如果您使用无法创建FILE SYSTEM (文件系统的软件录制MP3文件，如“Direct-CD”等，将无法播放MP3文件。因此我们建议使用可以创建 ISO9660文件系统的“Easy-CD Creator”。
- 如果CD-R光盘已经有不是MP3文件的数据，不要使用这张光盘；使用一张新的光盘。  
但是，如果光盘是CD-RW光盘，则不在此例。

附录操作



重复 (REPEAT) 符号

## 播放MP3 (继续)



MP3

要编辑播放 MP3 文件

1. 放入一张 MP3 光盘。

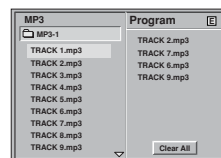
显示MP3菜单。

2. 在停止模式按 PROGRAM (编辑) 进入 Program Editing (编辑) 模式。

- MP3菜单右侧的PROGRAM(编辑)一词的右侧出现标识 。
- 按RETURN(返回)按钮退出Program Editing (编辑)模式，标识消失 。


3. 按  按钮选择所需的 MP3 文件，然后按 ENTER (确定) 按钮在编辑表中添加 MP3 文件。

- 重复第三步选择另一个曲目。
- 最多可编辑60个文件。



4. 按 PLAY (播放) 按钮开始播放。

开始按编辑的顺序播放。

如果想进入主菜单，按  按钮。

编辑的所有曲目播放完之后

播放停止。

清除编辑

- 要一个一个地清除编辑的文件

在编辑模式中，按 / 按钮在编辑表中选择不想要的MP3文件号码，然后按CLEAR(清除)按钮。

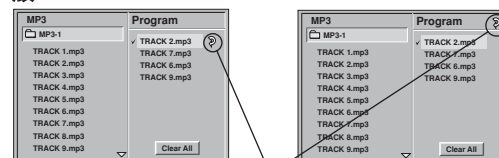
- 要取消所有的编辑文件

在编辑模式中，按 / 按钮选择

“Clear All(全部清除)”，然后按ENTER(确定)按钮。

重复播放 MP3 文件

- 在播放中如果按一次REPEAT(重复)按钮，将重复播放当前的MP3文件。
- 在播放中如果按两次REPEAT(重复)按钮，将播放光盘上所有的MP3文件。
- 如果按三次REPEAT(重复)按钮，将取消重复播放。



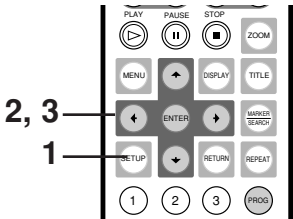
重复 (REPEAT)符号

高级操作

初始设置的选择



一旦完成初始设置，播放机可以一直在同样的环境下工作。(贪杯是播放DVD时)  
设置一直保存在记忆中，即使电源被关闭，直到它们被改变。



初始设置的选择

1. 在停止和播放模式中按 **SETUP** (设置)按钮。  
显示**SETUP**(设置)菜单。



2. 按 **▲/▼** 按钮选择所需的项目。

屏幕将显示所选项目的当前设置和可改变的设置。

- 光盘语言选择(见第38页。)
- 光盘字幕选择(见第38页。)
- 光盘目录语言选择(见第38页。)
- 光盘类型选择(见第39页。)
- 密码((见第40页。)
- 电视机视野(见第41页。)
- 菜单语言(见第42页。)
- 数码音响输出(见第43-44页。)
- 其他(见第45页。)

3. 按 **▶** 按钮，然后按 **▲/▼** 按钮选择所需设置，并按 **ENTER** (确定)按钮。

- 一些项目需要其他步骤。(见各页)

可改变的设置被选择时，屏幕返回初始设置显示。

退出 **SETUP** (设置)菜单

按**SETUP**(设置)、**RE TURN**(返回)。

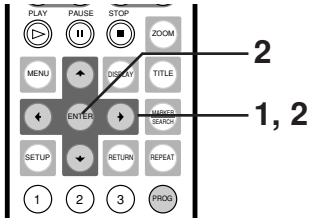
初始设置

选择光盘语言



这是选择音响声道语言、字幕语言和标题菜单或DVD菜单中所使用的语言，这些语言也用于播放每一张光盘。

当您播放DVD影视光盘时，如果光盘中包含有的话，DVD播放机将自动显示预先选定的字幕语言。



1. 在 SETUP (设置) 菜单屏幕，按 ▲/▼ 按钮选择 “Disc Audio (光盘语言选择)”，并按 ► 按钮。



2. 按 ▲/▼ 按钮所需的语言，然后按 ENTER (确定) 按钮。



- 原有语言： 每张光盘的原有语言将被选择。  
英语： 英语将被选择。  
其他： 另一种语言将被选择。您可以输入4位数的语言编码。(参照第46页的语言编码。如果输入了错误的语言编码，请按 CLEAR(清除)按钮。)

可用同样的方法选择 “Disc Subtitle(光盘字幕语言)” 和 “Disc Menu(光盘目录语言)”。



- 如果光盘上没有选定的语言，将选定每张光盘指定的原有语言。

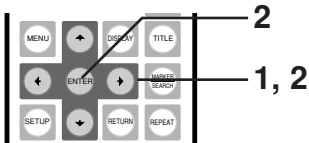
初始设置

选择光盘类型控制标准和密码



这时禁止播放不适合儿童的特定DVD(数码影视光盘)。

- 一些DVD(数码影视光盘)包含有禁止标准，这使父母可以删除一些场面或禁止儿童播放光盘。DVD播放机有一个专门设计的密码，禁止儿童改变光盘类型控制标准。



选择光盘类型控制标准 (仅适用于 DVD)

1. 在 SETUP (设置) 菜单屏幕，按 ▲/▼ 按钮选择 “Rating (光盘类型控制)”，并按 ► 按钮。

Disc Audio	8
Disc Subtitle	7
Disc Menu	6
Rating	5
Password	4
TV Aspect	3
Menu Language	2
Digital Audio Output	1
Others	Unlock

2. 按 ▲/▼ 按钮选择所需的标准，并按 ENTER (确定) 按钮。

Disc Audio	8 Blocked
Disc Subtitle	7 Blocked
Disc Menu	✓6
Rating	5
Password	4
TV Aspect	3
Menu Language	2
Digital Audio Output	1
Others	Unlock

除非取消父母锁定功能，否则您无法播放光盘类型控制标准高于选定标准的DVD影视光盘。

例如，当您选择标准7时，光盘类型控制标准高于7的光盘被禁止，而且无法播放。

如果要改变标准和输入一个密码，光盘类型控制标准高于选定标准的所有DVD将被禁止，除非再输入正确的密码。

例如：如果您将标准改为“5”，DVD播放机将无法播放光盘类型控制标准为“6”、“7”或“8”的光盘，除非在遥控器上输入正确的密码。

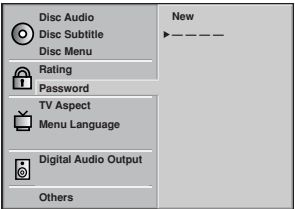
初始设置

选择光盘类型控制标准和密码(继续)



**设置密码(仅适用于数码影视光盘)**  
如果将光盘类型控制标准改为“7”或更低，您必须输入4位数的密码，以禁止播放光盘类型控制标准高的光盘。

1. 在 **SETUP (设置)** 菜单屏幕，按 **▼** 按钮选择“**Password (密码)**”并按 **►** 按钮。



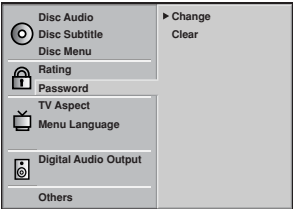
2. 输入一个**4位数**的密码，按 **ENTER (确定)**按钮。  
例如：1234  
不要忘记您的密码。

3. 再次输入**4位数**密码，按 **ENTER (确定)**按钮确认。  
设置完成。

- 光盘类型控制被锁定。除非输入正确的密码，否则光盘类型控制标准高于设置值的光盘将无法播放。

**更改/清除记忆的密码。**

1. 在 **SETUP (设置)** 菜单屏幕，按 **▼** 按钮选择“**Password (密码)**”并按 **►** 按钮。  
2. 输入您的密码并按 **ENTER (确定)**按钮。



3. 要**更改或清除**您的密码，按 **▲/▼** 按钮选择“**Change (更改)**”或“**Clear (清除)**”并按 **ENTER (确定)**按钮。

要更改光盘类型控制标准/密码，按照第39-40页的步骤进行。

**清除4位数密码**

如果您忘记了密码，要清除当前密码，请安下面的顺序进行。

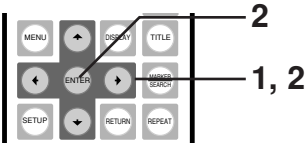
- 1 按 **SETUP (设置)** 按钮。  
显示**SETUP (设置)**菜单。
- 2 按**数字按钮**输入**6位数**号码“**210499**”。  
4位数密码被清除。显示窗中出现“**PC**”。
- 3 输入一个新密码。  
参照左侧的“设置密码”部分。



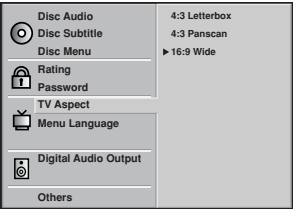
选择电视机视野



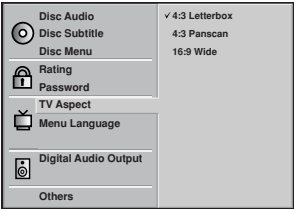
根据电视机选择合适的屏幕类型：普通尺寸屏幕(4:3)或宽屏(16:9)。



1. 在 **SETUP** (设置) 菜单屏幕，按 **▲/▼** 按钮选择 “**TV Aspect** (电视机视野)” 并按 **▶** 按钮。



2. 按 **▲/▼** 按钮选择所需的电视机视野并按 **ENTER** (确定) 按钮。

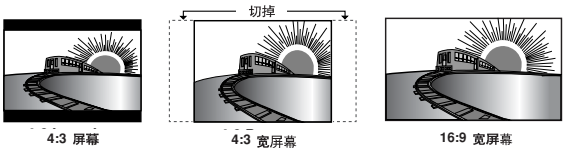


**4:3 屏幕：**没有以平面和扫描格式进行格式化的影视材料以letterbox格式播放(屏幕的上部和底部出现黑边)。

**4:3 宽屏幕：**当连接至普通电视机时选择此项。以平面和扫描格式进行格式化的影视材料以此种格式播放(左右两边被切掉)。

**16:9 宽屏幕：**连接至宽屏电视机时选择此项。以 **FULL**(全屏)尺寸播放。(也需要将宽屏电视机设置为 **FULL**(全屏)模式)

\* 当播放宽屏影视材料时每一个屏幕显示一个例子。(该设置模式不影响普通尺寸的影视材料。)



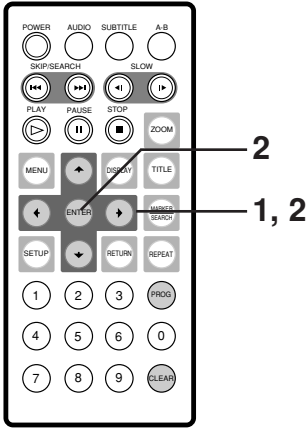
初始设置

选择菜单语言

DVD

选择SETUP菜单语言并显示在电视机屏幕上。

1. 在 SETUP (设置) 菜单屏幕，按 ▲/▼ 按钮选择 “Menu Language” (菜单语言选择) 并按 ► 按钮。



2. 按 ▲/▼ 按钮选择所需的语言并按 ENTER (确定) 按钮。



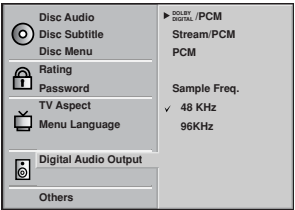
初始设置

选择数码音响输出



每一张DVD光盘均有数种音响输出选项。根据所使用的音响系统设置播放机的数码音响输出。

1. 在 **SETUP (设置)** 菜单屏幕，按 **▲/▼** 按钮选择 **“Digital Audio Output (数码音响输出)”** 并按 **►** 按钮。



2. 按 **▲/▼** 按钮选择所需的输出并按 **ENTER (确定)** 按钮。
- 您可以通过按 **ENTER (确定)** 按钮选择数码音响输出或采样频率。

■ 数码音响输出

**DOLBY DIGITAL/PCM**：如果现在使用的数码输出适用于杜比数码解码器，选择 **“DOLBY DIGITAL/PCM”**，(带有杜比数码解码器的放大器或其它设备)。

**Stream/PCM (脉冲编码调制)**：如果现在使用的数码输出适用于带有DTS解码器、杜比数码解码器和MPEG解码器的放大器或其它设备，选择音响流/PCM(脉冲编码调制)。

**PCM (脉冲编码调制)**：如果现在使用的音响输出适用于只带有线性PCM(脉冲编码调制)(或MD解码器或DAT卡座)，选择 **“PCM”** (脉冲编码调制)。

播放光盘	输出		
	音响流/ 脉冲编码调制	杜比数码/ 脉冲编码调制	仅脉冲编码调制
96千赫兹 线性PCM (脉冲编码调制) 数码影视光盘	脉冲编码调制	脉冲编码调制	脉冲编码调制
DTS 数码影视光盘	DTS比特音响流	DTS比特音响流	DTS比特音响流
杜比数码影视光盘	杜比数码比特音响流	杜比数码比特音响流	脉冲编码调制
MPEG 数码影视光盘	MPEG比特音响流	脉冲编码调制	脉冲编码调制
音乐光盘/影视光盘	脉冲编码调制	脉冲编码调制	脉冲编码调制
DTS 音乐光盘	DTS比特音响流	DTS比特音响流	DTS比特音响流

初始设置

## 选择数码音响输出(继续)

DVD VCD CD

### ■ 采样频率

要改变采样频率的设置，按照第43页的内容首先选择所需的数码音响输出类型。

如果A/V接收器或环绕声处理器无法处理96千赫兹的信号，选择48千赫兹选项。选择之后，播放机将自动将96千赫兹的信号转换为48千赫兹的信号，这样您的系统就可以处理它们。

如果A/V接收器或环绕声处理器能够处理96千赫兹的信号，选择96千赫兹选项。选择之后，播放机将不做任何进一步的处理就传送任何类型的信号。



- 如果您没有使用播放机的数码音响输出，不要选择任何选项。
- 如果现在使用的数码音响输出信号适用于没有相应数码解码能力的接收器或其它设备，将会产生非常大的噪音，这会造成扬声器的永久性损坏。
- 只有在DVD播放机与带有DTS解码器的接收器连接时，才能播放DTS DVD光盘。

DRC、歌唱和PBC的设置是可以改变的。

1. 在 **SETUP (设置)** 菜单屏幕，按 **▲/▼** 按钮选择 **“Others” (其他)** 并按 **►** 按钮。



2. 按 **▲/▼** 按钮选择所需项目，按 **ENTER (确定)** 按钮。  
所选定项目的设置可以在**ON (开)**和**OFF (关)**之间转换。

**关于 DRC (动态范围压缩)**

由于数码音响技术的发展，利用DVD格式，您有机会在最精确、最逼真的状态下收听声音节目。  
但是，在某种情况下，您可能希望压缩音响输出的动态范围(声音最大和最小之间的差别)，这样您就可以在不失去对话的可识度的情况下以较低的声音收听电影节目。

**■ DRC On/Off (动态范围压缩开/关)**

**开：**选择此选项将打开动态范围压缩电路，这样即使在较低的音量下，对话也能保持清晰。  
**关：**选择此选项将关闭动态范围压缩，将以录制时音质准确地传送声音。

**■ Vocal On/Off (歌唱开/关)**

只有在播放多频道卡拉OK DVD(数码影视光盘)时才设定为开。光盘上的卡拉OK声道将混入标准立体声。

**■ PBC On/Off (播放控制开/关)**

将播放控制(PBC)设置为开和关。  
**开：**根据PBC(播放控制)播放具有PBC(播放控制)功能的影视光盘。  
**关：**以播放音乐光盘的同样方法播放具有PBC(播放控制)功能的影视光盘。



- 只有在播放杜比录制的光盘时才能使用DRC功能。
- 根据光盘的不同，动态范围压缩的标准也不同。
- 在播放卡拉OK光盘时，将合适的音响设备(如放大器)与DVD播放机连接。

## 语言及其编码表

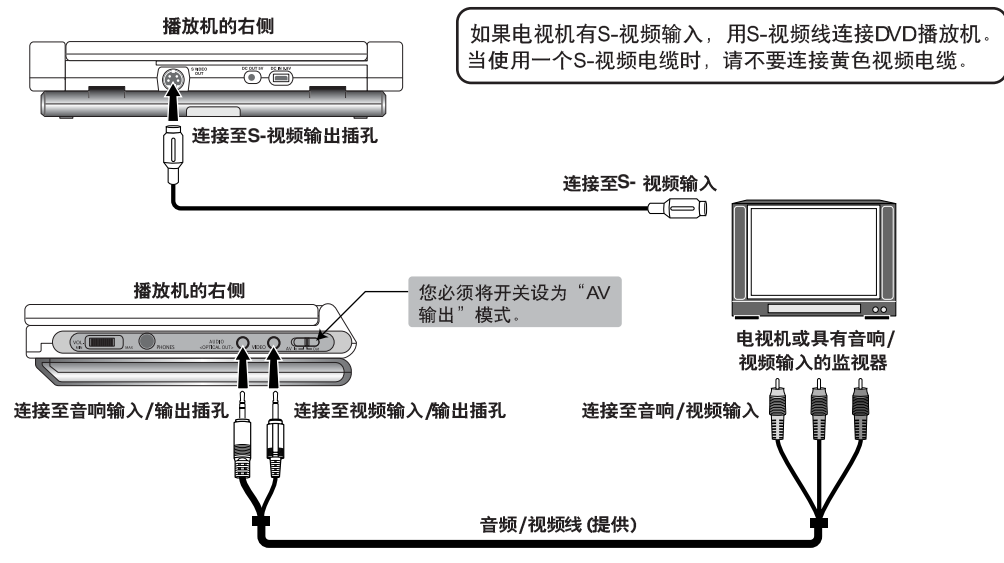


为初始设置“音响”、“字幕”和/或“菜单”输入适当的代码(见38页)。

代码	语言	代码	语言	代码	语言	代码	语言
6565	阿富汗语	7079	法罗语	7678	林加拉语	8375	斯洛伐克语
6566	阿布哈西亚语	7082	法语	7679	老树语	8376	斯洛文尼亚语
6570	南非荷兰语	7089	弗里斯兰语	7684	立陶宛语	8377	萨摩亚语
6577	阿姆哈拉语	7165	爱尔兰语	7686	拉脱维亚语, 列托语	8378	修纳语
6582	阿拉伯语	7168	苏格兰盖尔语	7771	马尔加什语	8379	索马里语
6583	阿萨姆语	7176	加里西亚语	7773	毛利语	8381	阿尔巴尼亚语
6588	艾马拉语	7178	瓜拉尼语	7775	马其顿语	8382	塞尔维亚语
6590	阿塞拜疆语	7185	古吉特拉语	7776	印度西南部的马拉亚拉姆语	8385	苏丹语
6665	巴史克语	7265	豪撒语	7778	蒙古语	8386	瑞典语
6669	白俄罗斯语	7273	北印度语	7779	摩尔多瓦语	8387	斯瓦希里语, 班图语
6671	保加利亚语	7282	克罗地亚语	7782	马拉地语	8465	泰米尔语
6672	比哈尔语	7285	匈牙利语	7783	马来语	8469	泰卢固语
6678	孟加拉语	7289	亚美尼亚语	7784	马耳他语	8471	塔吉克语
6679	藏语	7365	拉丁国际语	7789	缅甸语	8472	泰语
6682	法国布里多尼语	7378	印度尼西亚语	7865	瑞典语	8473	提格里尼亚语
6765	加泰罗尼亚语	7383	冰岛语	7869	尼泊尔语	8475	土库曼语
6779	科西嘉语	7384	意大利语	7876	荷兰语	8476	塔加路语
6783	捷克语	7387	希伯来语	7879	挪威语	8479	汤加语
6789	威尔士语	7465	希伯来语	7982	奥里雅语	8482	土耳其语
6865	丹麦语	7473	依地语	8065	旁遮普语	8484	鞑靼语
6869	德语	7487	爪哇语	8076	波兰语	8487	特维语
6890	不丹语	7565	乔治亚语	8083	普什图语	8575	乌克兰语
6976	希腊语	7575	哈萨克语	8084	葡萄牙语	8582	乌尔都语
6978	英语	7576	格陵兰语	8185	盖丘亚语	8590	乌孜别克语
6979	世界语	7577	柬埔寨语	8277	列托罗曼斯语	8673	越南语
6983	西班牙语	7578	埃纳德语	8279	罗马尼亚语	8679	沃拉普克语
6984	爱沙尼亚语	7579	韩国语	8285	俄语	8779	沃洛夫语
6985	巴斯克语	7583	克什米尔语	8365	梵语	8872	科萨人使用的班图语
7065	波斯语	7585	库尔德语	8368	信德语	8979	约鲁巴语
7073	芬兰语	7589	吉尔吉斯语	8372	塞尔维亚-克罗地亚语	9072	中文
7074	斐济语	7665	拉丁语	8373	僧伽罗语	9085	祖鲁语

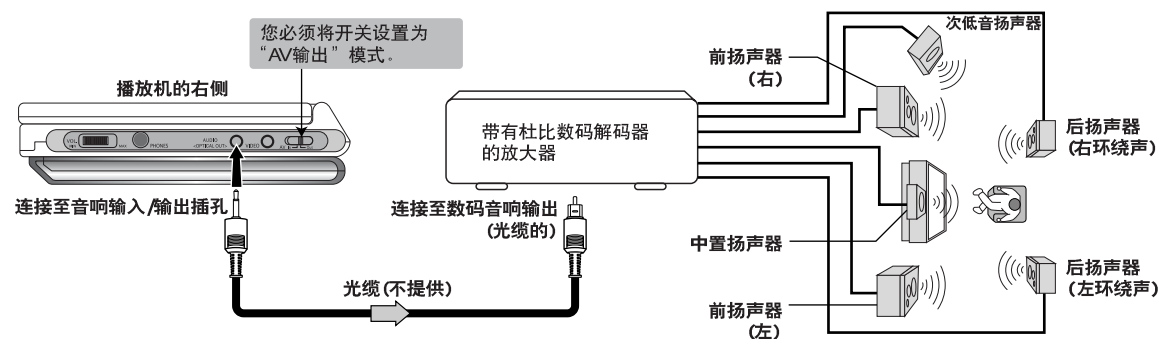
初始设置

## 连接至电视机



- 也请参照电视机的使用说明书。
- 将DVD播放机连接至电视机之前，在做任何连接前，一定要关闭电源，并墙壁上的插座中拔掉两个机器的插头。
- 将DVD播放机直接连接至电视机。如果将DVD播放机连接至VCR(录像机)，因为DVD影视光盘是禁止复制的，所以播放画面将会扭曲。

## 连接至带有杜比数码解码器的放大器



欣赏播放机播放的杜比数码声音您需要下列东西：

- 以杜比数码录制的DVD(数码影视光盘)
- 带有杜比数码解码器或杜比数码处理器的6声道接收器和功率接收器
- 5个扬声器和1个次低音扬声器
- 从SETUP(设置)菜单中将DVD播放机的数码音响输出设置为“Dolby Digital(杜比数码)”

根据杜比实验室的授权制造“Dolby(杜比)”、“Pro Logic(专业逻辑)”和双D符号为杜比实验室的注册商标。  
秘密非出版著作。版权所有 1992-1997 杜比实验室。版权所有。

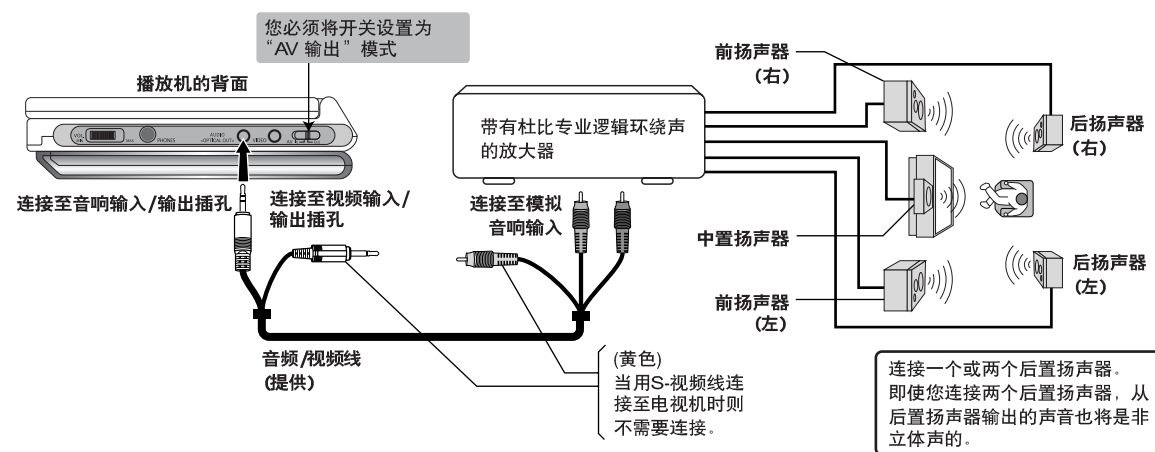
附  
录



## 连接至带有杜比专业逻辑环绕声的放大器

### 杜比专业逻辑环绕声

如果您的A/V接收器不提供杜比数码解码，您还可以欣赏激动人心的环绕声。  
如果您的A/V接收器带有杜比专业逻辑解码器，请参照下面的连接图。



### 带有杜比数码的接收器时

与前页“连接至带有杜比数码解码器的放大器”中的同样方法连接设备。参照接收器的使用说明书，设置接收器，这样就可以欣赏杜比专业逻辑环绕声了。



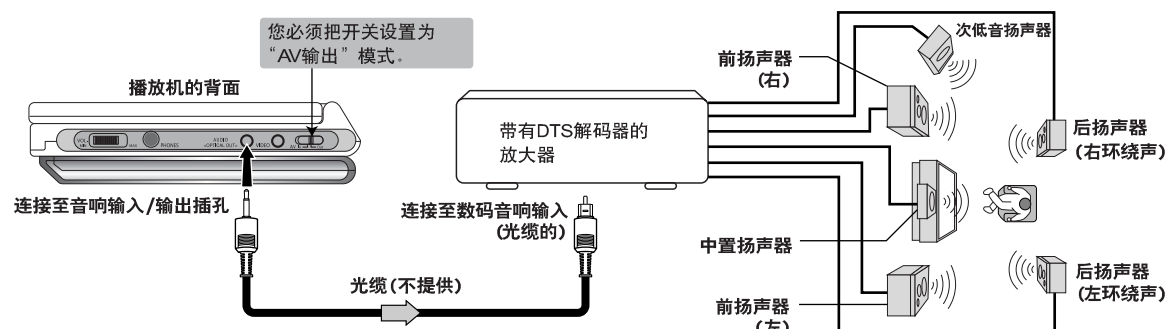
使用这种连接欣赏杜比专业连接环绕声时，一定要将DVD播放机的数码音响输出设置为PCM(脉冲编码调制)。

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## 连接至带有DTS解码器的放大器

### 数码影院系统 (DTS)

DTS是一种用于影院的高质量环绕声技术，现在已经可以用于家庭的DVD影视光盘或音乐光盘。如果您有DTS解码器或处理器，在播放DVD影视光盘或音乐光盘时，您可以获得 5.1声道DTS编码声音的全真演绎。



“DTS” 和 “DTS Digital Out( 数码输出)” 是数码影院系统有限公司的注册商标。

#### 警告：

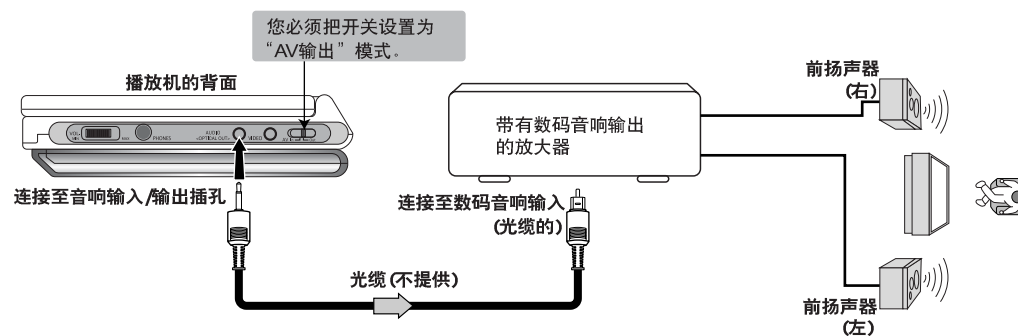
- 当您连接(通过光缆输出插孔)不带有杜比数码、数码影院系统((DTS)或 MPEG解码功能的AV解码器时，一定要从SETUP(设置)菜单中将DVD播放机的数码音响输出设置为“PCM(脉冲编码调制)”。否则，高音量的声音会损伤您的听力，也会损坏扬声器。

附  
录

## 连接至带有数码音响输入的放大器

### 双声道数码立体声

将DVD播放机连接至带有数码音响输出和扬声器系统(右和左前置扬声器)的接收器，您就可以欣赏动态的双声道立体声。




### 适用于所有连接

- 将播放机的“OPTICAL OUT(光缆输出)”插孔连接至接收器或处理器的“OPTICAL(光缆)”输入。
- 参照音响设备的使用说明书。
- 在将DVD播放机连接至其它设备之前，在做任何连接之前，关闭电源并存墙壁上的插座上拔掉设备的插头。
- DVD播放机的输出声音有一个宽的动态范围。一定要将接收器的音量调整到适合收听的标准。否则，高音量声音可能会损坏扬声器。
- 在连接和断开DVD播放机的电源线之前，关闭接收器的电源。如果接收器的电源开着，可能会损坏扬声器。

连接

光盘要求

可播放光盘  
本播放机可播放下列光盘。

	光盘标识	内容	光盘尺寸	最大播放时间
DVD影视光盘		音频+视频 (可移动画面)	12厘米	大约4小时(单面光盘)
				大约8小时(双面光盘)
			8厘米	大约80分钟(单面光盘)
				大约160分钟(双面光盘)
影视光盘		音频+视频	12厘米	74分钟
			8厘米	20分钟
音乐光盘		音频	12厘米	74分钟
			8厘米	20分钟

此外。本播放机还可播放含有音乐标题或 MP3文件的 CD-R或 CD-RW。本播放机还可以播放SVCD (超级影视光盘)  
您无法播放上面所列以外的光盘。(CD-ROM、CD-Extra、CD-G、Photo CD和CD-i光盘。)

## 版权所有信息

### 地区管理信息

地区管理信息：本DVD播放机的设计和制造符合录制在DVD光盘上的地区管理信息。如果DVD光盘上所述的地区代码与本播放机的地区代码不相符，本DVD播放机将不能播放此光盘。

本播放机的地区代码为6。



### 关于未经授权光盘的注意事项

如果光盘是从您的地区以外的地方购买或是为商业目的而制作的，那么本播放机将无法播放这些DVD影视光盘。  
当您试图播放未经认可的 光盘时，电视机屏幕上会出现“**Check Regional Code (检查地区代码)**”。

### 关于版权所有的注意事项

未经许可，法律禁止复制、播放、展示、在有线电视上播放、公开播放和出租版权所有的材料。  
DVD影视光盘是禁止复制的，从这些光盘上所做的任何录制都将失真。  
本产品使用了受美国专利保护条款保护的复制保护技术以及Macrovision公司和其它版权所有者拥有的其它知识产权。使用这种复制保护技术必须获得Macrovision 公司的授权，而且只用于家庭和其它受限制观赏需要，除非获得Macrovision 公司的授权。禁止逆向工程和分解。

致电售后服务人员之前

问题和解决办法

在与服务中心联系之前，检查问题的可能原因的指南。

问题	原因	解决办法
没有电源	• 电源线被断开。	• 将电源线插牢在墙壁上的插座上。
	• 锁定开关被设置在HOLD(锁定)位置。	• 解除锁定模式。
	• 电视放电。	• 给电池充电。
电源开着，但DVD播放机不工作。	• 没有装入光盘	• 装入光盘。(检查显示窗中的DVD或音乐光盘指示器是否点亮。)
LCD或电视机上没有画面(包括来自另一设备的视频)。	• 视频线没有连接好。	• 将视频线插牢在插孔上。
	• AV输入/输出开关没有正确设置。	• 正确地设置AV输入/输出开关。 - 在播放光盘时，将AV输入/输出开关设置为输出模式。 - 在观赏来自另一设备的视频时，将AV输入/输出开关设置为输入模式。
	• LCD模式被设置为OFF(关)。	• 选择LCD的一种模式，但不要选择OFF(关)。
	• 检查亮度控制是否被设置为“_”。	• 调整亮度。
	• 电视机没有设置为接收DVD信号输出。	• 在电视机上选择合适的视频输入模式，使来自DVD播放机的画面出现在电视机屏幕上。
	• 连接的电视机的电源被关闭。	• 打开电视机的电源。

参考

致电售后服务人员之前(继续)

问题	原因	解决办法
没有声音。	• 音频线连接的设备没有设置为接收DVD信号输出。	• 选择音响接收器的正确输入模式，这样就可以收听来自DVD播放机的声音。
	• 音频线没有连接好。	• 将音频线正确地连接至插孔中。
	• 音频线连接的设备的电源被关闭。	• 打开音频线连接的设备的电源。
	• 数码音响输出被设置在错误的位置。	• 将数码音响输出设置在正确的位置上，然后再打开DVD播放机的电源。
播放画面效果很差。	• 光盘脏了。	• 清洁光盘。
DVD播放机没有开始播放。	• 没有放入光盘。	• 放入光盘。(检查显示窗中的光盘指示器是否点亮。)
	• 放入了不可播放的光盘。	• 放入可播放的光盘。(检查光盘类型、色彩系统和地区代码。)
	• 光盘被放反了。	• 将播放面朝下放入光盘。
	• 光盘没有放在导轨之中。	• 将光盘正确地放入光盘托盘的导轨内。
	• 电视机屏幕上有菜单。	• 按SETUP(设置)按钮关闭菜单屏幕。
	• 设置盘类型控制。	• 取消光盘类型控制功能或改变光盘类型控制标准。

参考

致电售后服务人员之前(继续)

问题	原因	解决办法
LCD是黑的。	<ul style="list-style-type: none"><li>• 检查亮度控制是否设置为 “-”。</li></ul>	<ul style="list-style-type: none"><li>• 调整亮度。</li></ul>
按钮按下时没有反应。	<ul style="list-style-type: none"><li>• 一些光盘禁止某些操作。</li></ul>	<ul style="list-style-type: none"><li>• 在操作期间屏幕上可能出现 “⊗”。</li></ul>
	<ul style="list-style-type: none"><li>• 锁定开关被设置在HOLD(锁定)位置。</li></ul>	<ul style="list-style-type: none"><li>• 解除锁定模式。</li></ul>
遥控器无法正常工作。	<ul style="list-style-type: none"><li>• 遥控器距DVD播放机太远。</li></ul>	<ul style="list-style-type: none"><li>• 遥控器的操作距离约在23英尺(7米)之内。</li></ul>
	<ul style="list-style-type: none"><li>• 遥控器和DVD播放机之间有障碍物。</li></ul>	<ul style="list-style-type: none"><li>• 拿掉障碍物。</li></ul>
	<ul style="list-style-type: none"><li>• 遥控器内的电池用完。</li></ul>	<ul style="list-style-type: none"><li>• 用新电池更换。</li></ul>



规格

[DVD 播放机]	电源供给	DC 9.8V(AC适配器接线端)，DC 7.2V(电池)
	用电池时耗电	25 W
	重量	12.6 lbs(0.66kg)( 不带电池盒)
	外形尺寸(宽 X 阔 X 高)	7.3 x 5.9 x 1.0 英寸 (186 x 150 x 25 mm)
	信号系统	PAL
	激光	半导体激光，波长650nm (DVD), 780 nm (CD)
	频率范围(音响)	DVD线性声音：48 kHz 采样 4Hz 至 20 kHz 96 kHz 采样 4Hz 至 44 kHz
	信噪比(音响)	大于 95 dB
	动态范围(音响)	大于95 dB
	谐波失真(音响)	0.08 %
	操作环境	温度：41°F 至 95°F，操作状态：水平
[连接器]	视频输入/输出(视频输入/输出)	1.0 V (p-p), 75Ω，负性同步 ø 3.5 mm 袖珍型插孔x 1
	视频输入/输出	(Y) 1.0 V (p-p), 75Ω，负性同步 袖珍型DIN(度)4-针x 1 (C) 0.286 V (p-p), 75Ω
	音响输出(光缆音响)	光缆连接器(ø 3.5 mm) x 1
	音响输入/输出 (音响输入/输出，模拟音响)	1.6 Vrms(1 kHz, 0 dB)，ø 3.5mm袖珍型插孔x 1
	耳机接线端	ø 3.5 mm 立体声 袖珍型插孔x 1

参考

规格(继续)

[液晶显示器]	面板尺寸	7英寸(16:9)
	发射系统	TN彩色发射
	驱动系统	TFT动态矩阵
	像素	800x 480 (有效像素比率: 大于99.99%)
[提供附件]	• S-视频线.....1	
	• RCA 音频/视频线.....1	
	• AC 适配器(AD-DP40).....1	
	• 电源线.....1	
	• 电池盒(DP-BT40).....1	
	• 遥控器.....1	
	• 遥控器电池(锂电池).....1	

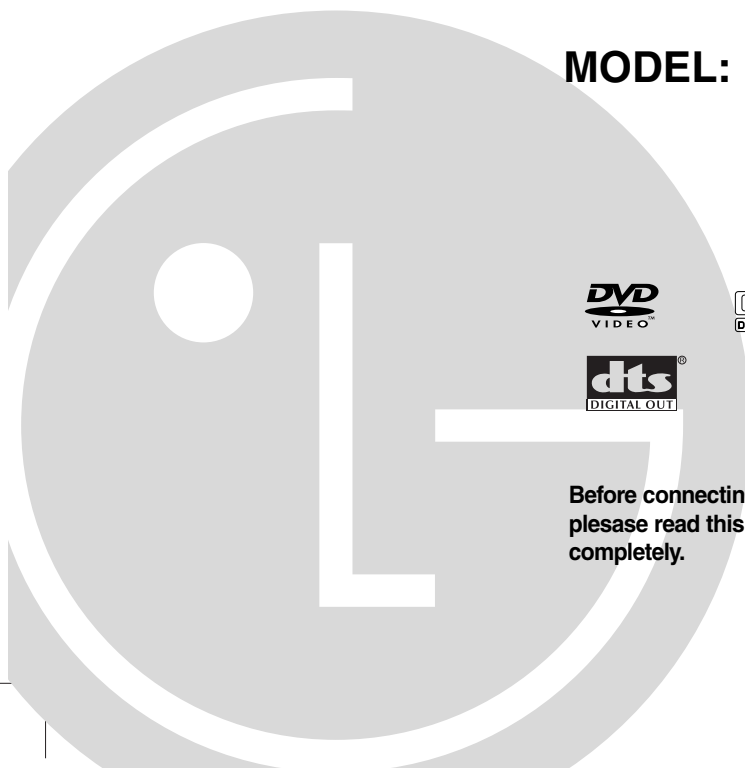
\* 设计和规格如有改变，恕不通知。



# PORTABLE DVD PLAYER

## OWNER'S MANUAL

MODEL: DVD-P50



**MP3**



Before connecting, operating or adjusting this product,  
plesase read this instruction booklet carefully and  
completely.

## Safety Precautions

- WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
- CAUTION:** THIS DVD RECEIVER EMPLOYS A LASER SYSTEM.  
TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS OWNER'S MANUAL CAREFULLY AND RETAIN FOR FUTURE REFERENCE, SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION-SEE SERVICE PROCEDURE.  
USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.  
TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT TRY TO OPEN THE ENCLOSURE.  
VISIBLE LASER RADIATION WHEN OPEN THE ENCLOSURE. DO NOT STARE INTO BEAM.  
THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- WARNING:** CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

RECORD YOUR MODEL NUMBER (Now, while you can see it)

The model and serial number of your new DVD player are located on the bottom of the DVD player cabinet. For your future convenience, we suggest that you record these numbers here:

MODEL NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

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## Precautions

### *Notes on handling*

- ❑ When shipping the DVD player, always use the original shipping carton and packing materials.  
For maximum protection, repack the unit as it was originally packed at the factory.
- ❑ Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish.
- ❑ The top and rear panels of the DVD player may become warm after a long period of use. This is normal and not a malfunction.
- ❑ When the DVD player is not in use, be sure to remove the disc and turn off the power.
- ❑ If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

### *Notes on Locating*

When you place this DVD player near a TV, Radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, move the DVD player away from the TV, Radio, or VCR.

### *Notes on Cleaning*

#### **Use a soft, dry cloth for cleaning.**

- ❑ For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner and benzine, as they may damage the surface of the DVD player.
- ❑ If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

**Warning:** Cleaning and adjustment of lenses and/or other components of playback mechanism should be performed by a qualified service technician.

### *To Obtain a Clear Picture*

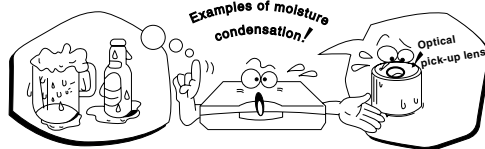
The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment. For details, contact your nearest dealer.

## Precautions (Cont'd)

### *Notes on Moisture Condensation*

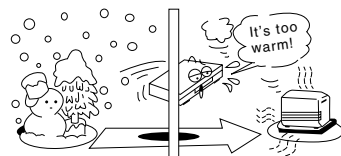
Moisture condensation damages the DVD player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.

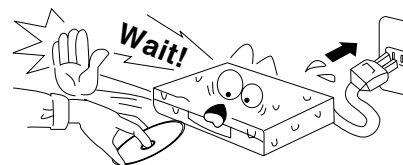


Moisture condensation occurs during the following cases.

- ☐ When you bring the DVD player directly from a cold place to a warm place.
- ☐ When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- ☐ In summer, when you use the DVD player in a hot and humid place just after you move the unit from an air conditioned room.
- ☐ When you use the DVD player in a humid place.



**Do not use the DVD player when moisture condensation may occur.** If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD player to the wall outlet, turn on the DVD player and leave it "ON" for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.



## Notes on Discs

This section shows you how to handle, clean, and store discs.

### On Handling Discs

- Do not touch the playback side of the disc.

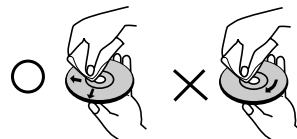


- Do not attach paper or tape to discs.



### On Cleaning Discs

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outward with a soft cloth. Always keep the disc clean.
- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvents such as thinner, benzene, commercially available cleaners or anti-static spray for vinyl LPs. They may damage the disc.



### On Storing Discs

- Do not store discs in a place subject to direct sunlight or near heat sources.
- Do not store discs in places subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

### About This Owner's Manual

- This owner's manual explains the basic instructions of this DVD player.
- Some DVD video discs have functions that may not be explained in this owner's manual. Therefore, some instructions may differ from this owner's manual, and there may be extra instructions. In this case, follow the instructions displayed on the TV screen or package.
- “⊘” may appear on the TV screen during operation. This icon means the function explained in this owner's manual is not available on that specific DVD video disc.



## Identification of Controls

### Main Unit

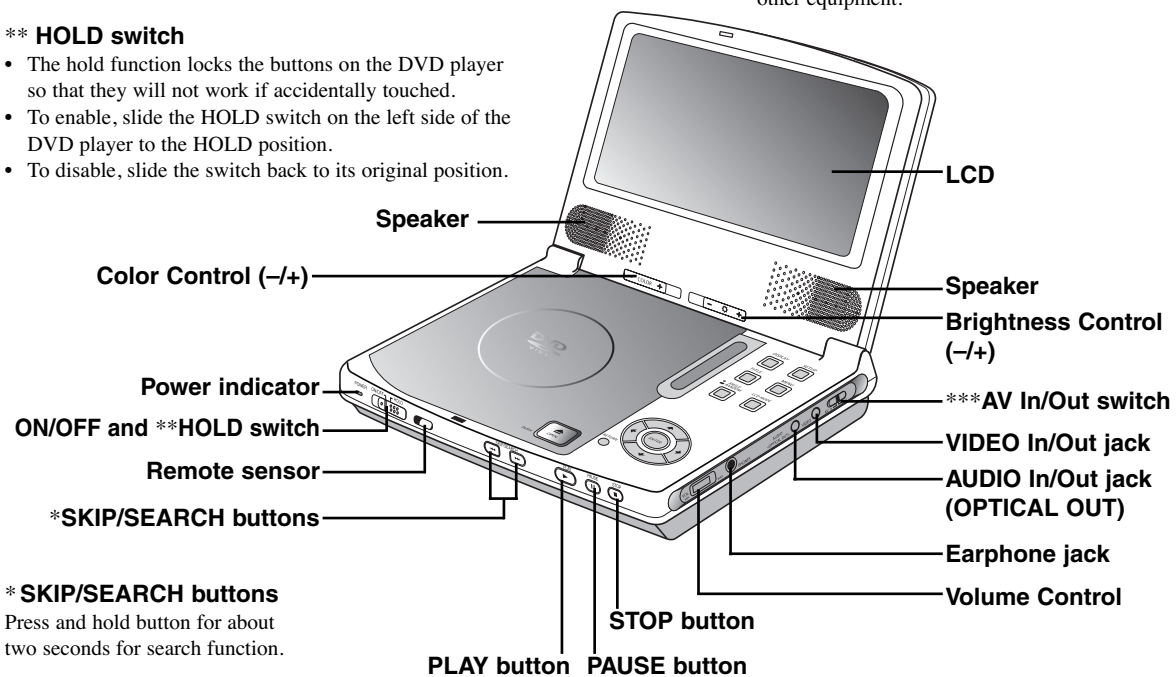
#### \*\* HOLD switch

- The hold function locks the buttons on the DVD player so that they will not work if accidentally touched.
- To enable, slide the HOLD switch on the left side of the DVD player to the HOLD position.
- To disable, slide the switch back to its original position.

#### \*\*\* AV In/Out switch

AV Out mode: While you are playing a disc.

AV In mode: While you are viewing video from other equipment.

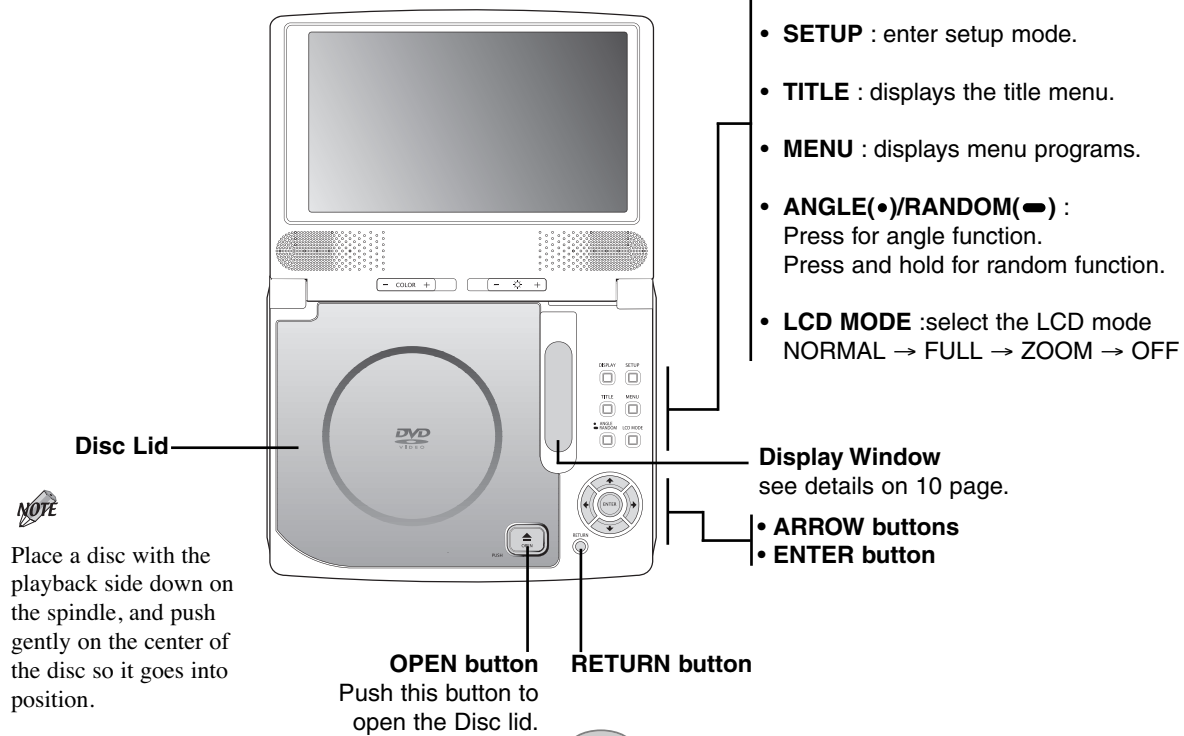


#### \* SKIP/SEARCH buttons

Press and hold button for about two seconds for search function.

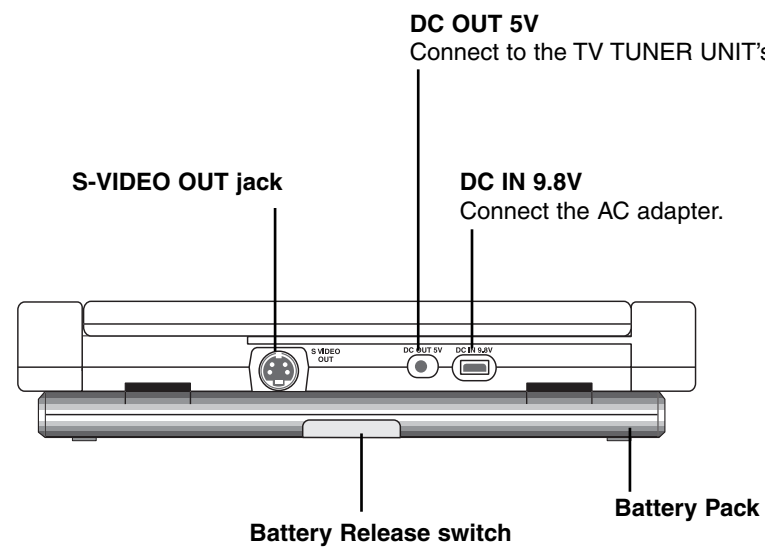
## Identification of Controls (Cont'd)

### Main Unit



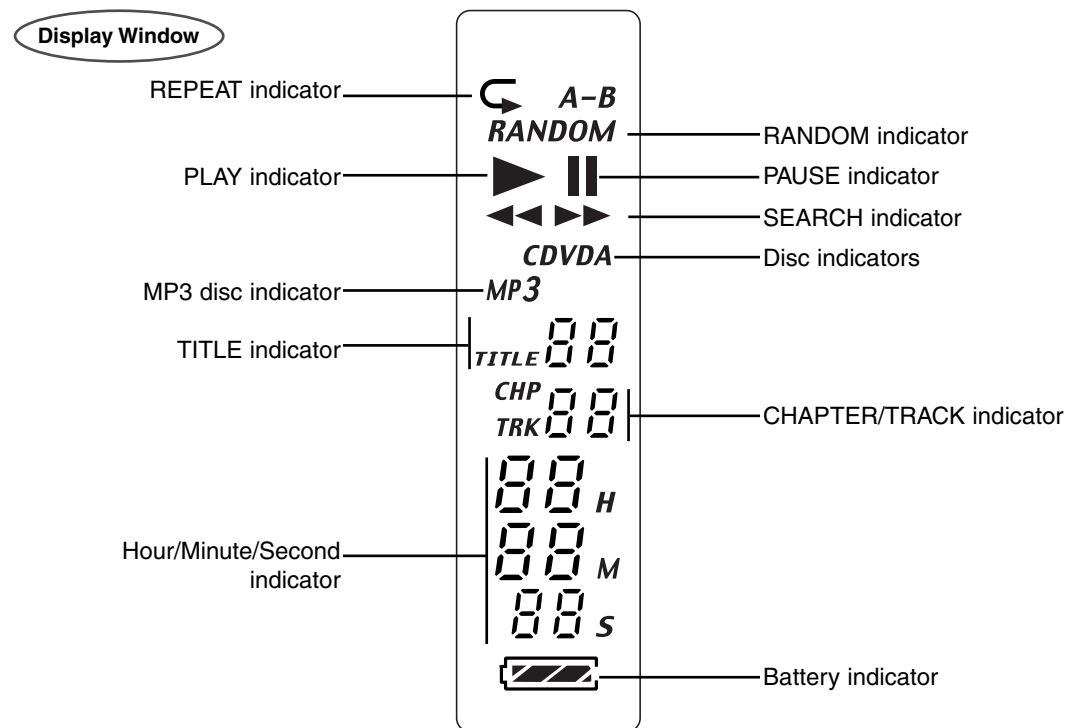
## Identification of Controls (Cont'd)

Rear View



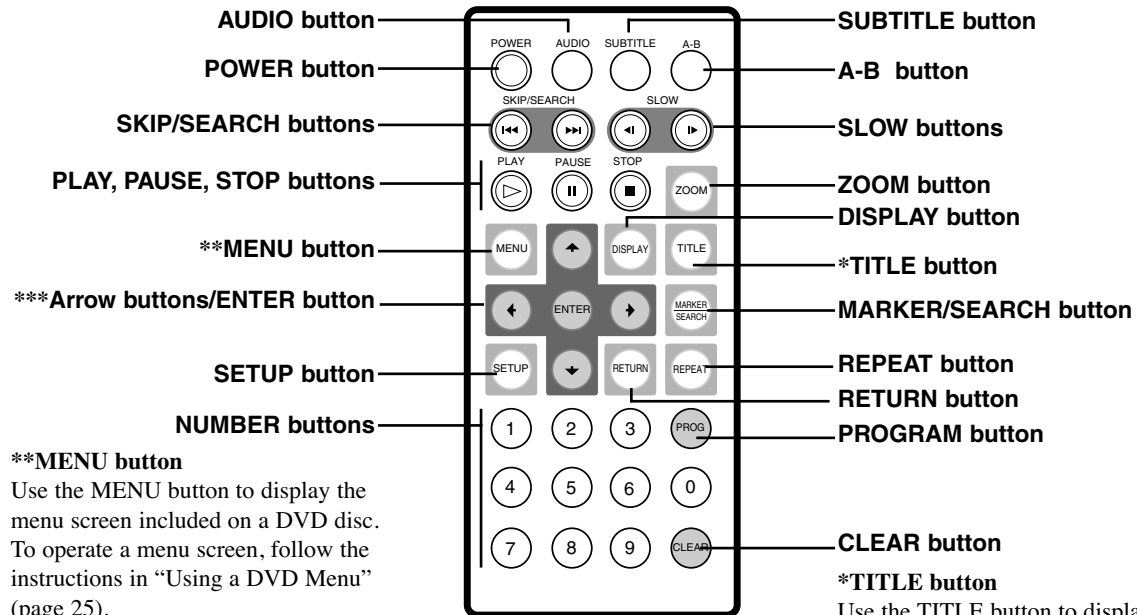
Introductions

## Identification of Controls (Cont'd)



## Identification of Controls (Cont'd)

### Remote Control



#### \*\*MENU button

Use the MENU button to display the menu screen included on a DVD disc. To operate a menu screen, follow the instructions in "Using a DVD Menu" (page 25).

#### \*\*\*Arrow buttons

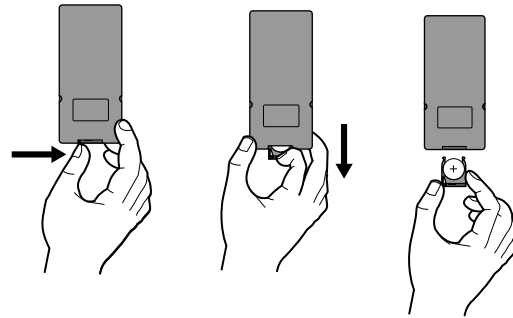
(up, down, left, right) for use in highlighting a selection on a GUI menu screen, TITLE and MENU screen.

#### \*TITLE button

Use the TITLE button to display the title screen included on DVD video discs. To operate a menu screen, follow the instructions in "Using a Title Menu" (page 25)

## Identification of Controls (Cont'd)

### Insert the battery (Lithium battery)



- Do not expose the remote control sensor to bright light.
- Do not place obstacles between the remote control sensor and the remote control.

### ■ Replacing the button-type battery

The battery normally lasts for about a year. Replace the battery if the remote control fails to operate the unit when used within the operation range.

### Button-type battery (Lithium battery)

1. Pinch the battery holder clip together then pull the tab to remove the battery holder.
2. Insert the battery with the + facing in the same direction as the + on the battery holder.
3. Replace the battery holder with battery into the remote control unit making sure that it is fully inserted.

- Replace remote control unit battery with 3V micro lithium cells such as CR2025 or its equivalent.
- Dispose of battery safely in accordance with local laws. Do not dispose of in fire.

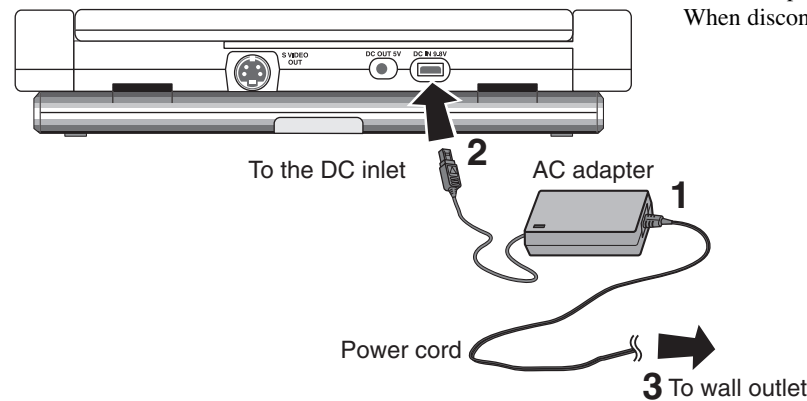
**Warning :** The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, incinerate, or heat above 100 °C (212 °F).

Replace the battery with Matsushita Elec. Ind. Co., Ltd. (Panasonic), part no. CR. 2025 only.

Use of another battery may present a risk of fire or explosion. Dispose of used batteries. Keep batteries away from children. Do not disassemble or dispose of in fire.

## Power Connections

### AC Adapter



Follow steps 1 to 3 to connect.  
When disconnecting, reverse the order.

#### AC adapter

- This AC adapter operates on 100-240V~ 1.5A 50-60Hz.
- TYPE NO. : AD-DP40
- Manufactured by POWERNET
- Contact an electrical parts distributor for assistance in selecting a suitable AC plug adapter or AC cord set.

#### Caution

- Do not connect the power plug to a power outlet other than that indicated on the label, as this can result in a risk of fire or electric shock.
- Do not connect or disconnect the power plug with wet hands. Doing so may cause electric shock.
- Do not use an AC adapter other than one specified, as it can cause a fire or damage to the player.

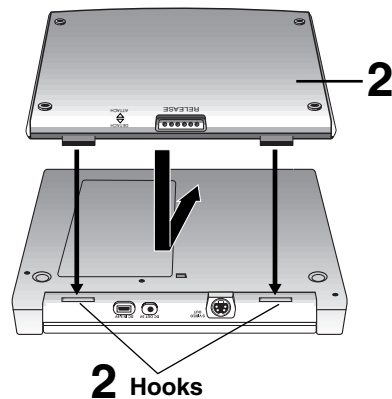
## Power Connections

### Battery Pack

- Charge the battery pack before using it for the first time.

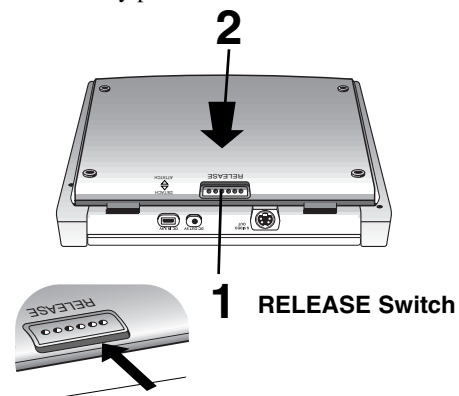
#### ■ Attaching the battery pack

1. Match the hooks of the battery pack into the holes on the rear of the player.
2. Press and slide the battery pack until the hooks click.



#### ■ Detaching the battery pack

1. Press **RELEASE** switch
2. Slide the battery pack until the hooks click.



#### ATTENTION

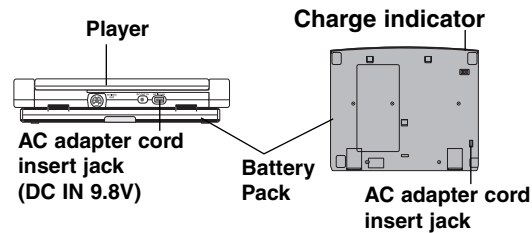
The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste/officials for details in your area for recycling options or proper disposal.



## Power Connections

### ■ Charging the battery pack

1. Attach the battery pack to the player.
2. Connect the supplied AC adapter and the power cord to the player. Or,.  
Connect the AC adapter cord to the battery pack.
3. During recharging, charge indicator is red. If recharging is complete, charge indicator changes to green color.



### CAUTION

Take the following precautions to avoid liquid leakage, overheating, etc.

- Do not use any unauthorized parts.
- Use the authorized AC adapter when recharging battery.
- Do not expose to high temperature above 60°C (140°F).
- Do not attempt to dismantle or modify the unit.
- Excessive impact may cause the unit to malfunction.
- Do not incinerate.
- Do not disassemble; dispose of properly.

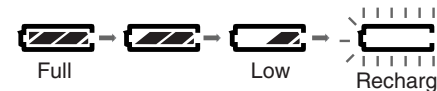
### ■ Recharging and play times

Recharging		Play time	
without player	with player	LCD On	LCD Off
Approx. 2.5 hour	Approx. 5 hours	Approx. 4 hours*	Approx. 7 hours

\* When Brightness control is set to “—”.

- Times shown above depend on operating conditions.

### ■ Confirm the battery charge on the unit's display window



- If using the AC adapter, battery display does not appear.

### ■ If play time dramatically reduces after recharging

The battery pack has reached the end of its service life (it can be recharged about 300 times).

### ■ If the unit is not to be used for a long time

- Detach the battery pack. (Even if the unit is off, it still uses some power. This can lead to over discharging of the battery and malfunction.)
- Recharge the battery pack when you are ready to use it again.

### ■ Battery Pack

- TYPE NO. : DP-BT40
- Manufactured by Smart Mobile Communication

## Playing a Disc

DVD VCD CD

### Basic Playback

#### - Prepare the power supply.

#### 1. Open the outer cover and slide the ON/OFF switch to the left to turn unit on.

Power indicator lights and then the indicator will disappear after 5 seconds.

#### 2. Press OPEN to open the disc lid and insert a disc with the side you want to play label up. Close the disc lid by hand.

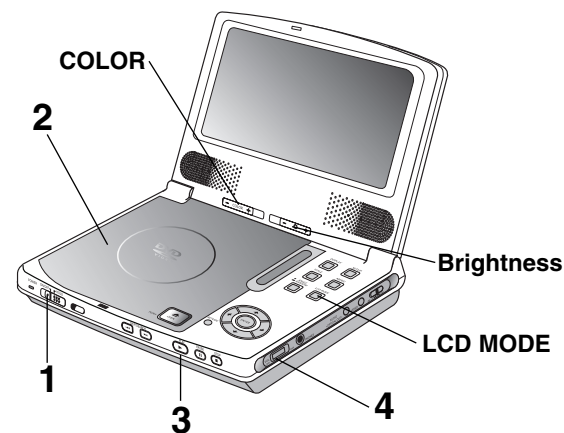
- If the disc is placed in upside down (and it is a single-sided disc), "NO DISC" or "DISC ERROR" appears on the TV screen.
- If you insert an audio CD, the CD indicator lights up in the display window. The title number does not appear.
- After playing back all of the chapters in the title, the DVD player automatically stops and returns to the menu screen.

#### 3. Press PLAY to start play.

#### 4. Adjust the volume.



- Place a disc with the playback side down on the spindle, and push gently on the center of the disc so it goes into position.
- Confirm LCD MODE position by pressing LCD MODE button.
- If no picture on the LCD, check that the AV in/Out switch is set to AV Out mode.



#### ■ Adjusting color intensity

Use the COLOR slide switch -/+ to adjust the color shade.

- ; black and white
- + ; color

- Power consumption increases with the level of color.

#### ■ Adjusting the brightness

Use the BRIGHTNESS slide switch -/+ to adjust the brightness.

- ; dark
- + ; light

## Playing a Disc

DVD VCD CD

### ■ Changing the size of the picture

Use the LCD MODE button to change the picture mode. The mode is shown on the unit's display window as follows.

NORMAL → FULL → ZOOM → OFF



### ■ The picture mode and size

The picture shown on the LCD depends on the display mode and the size recorded on the disc.

Mode Software	NORMAL	FULL	ZOOM	OFF
<b>Wide-screen</b>	Full screen 	Full screen 	Top and bottom edges are cut off. 	OFF 
<b>Regular (4:3)</b>	Screen with blackbands on the right and left 	The normal mode screen is horizontally enlarged. 	Top and bottom edges of the full mode screen are cut off. 	OFF 
<b>Regular (4:3), Letterbox</b>	The picture is surrounded by a black frame. 	The normal mode screen is horizontally enlarged. 	Full screen 	OFF 

Basic Operation



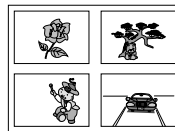
- If you are not using the LCD on this unit, select OFF to conserve power.
- The LCD is turned off if you close the unit.
- Horizontal lines may appear in the picture when the mode is switched to ZOOM, but this is not an indication of a malfunction.

## Playing a Disc

DVD VCD CD

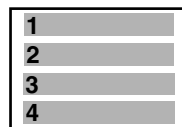
### ■ When a menu screen appears on the TV screen.

In case of interactive DVDs with control, a menu screen appears on the TV screen.

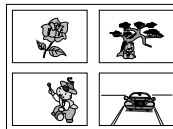


Example of interactive  
DVD On-Screen Menu

Press ▲/▼/◀/▶ and press ENTER, or press the numeric button(s), to select the desired item.



OR



Play of the selected item now begins.

- For further information, also refer to the jacket or case of the disc you are playing.

### After operation

When the unit is not in use, remove the disc and press POWER to turn off the DVD player.

### Video CD

This contains recordings of pictures and sound whose quality is on a par with that of video tape. This player also supports Video CDs with playback control (Version 2.0).

### What is playback control (PBC)?

If a Video CD has “playback control” written on its disc or jacket, it means that particular scenes or information can be selected for viewing interactively with the TV monitor using the menu screen.

### NOTES

- When “⊘” appears on the TV screen while a button is pressed, it means that this function is not available on the disc you are playing.
- Depending on the DVD disc, some operations may be different or restricted. Refer to the jacket or case of the disc you are playing.

## Playing a Disc

DVD VCD CD

### ■ Stopping Play

Press STOP during playback.

### ■ Resume Play

When play is stopped, the unit records the point where STOP was pressed (RESUME function).

Press PLAY and play will resume from this point.

#### NOTES

- This operation works only with discs for which the elapsed playing time appears in the display window during stop.
- Resume function will be cleared when the STOP is pressed in the STOP mode.
- The Resume function may not be available on some DVD discs or Video CDs (version 2.0).

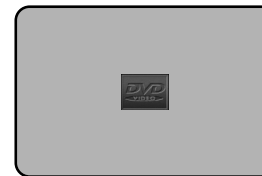
### ■ Screen Saver

The screen saver is useful to prevent your display from becoming damaged.

The screen saver picture appears when you leave the DVD player in stop mode for about 5 minutes.

### Automatic power off function

After the Screen Saver has been engaged for about 5 minutes, the DVD player will automatically turn itself off.



Screen Saver

## Playing a Disc



### ■ Still picture

**Press PAUSE during playback.**

- DVD/Video CD  
The player will be placed in the still picture mode.
- CD  
The player will be placed in the pause mode.

### ■ Frame Advance (DVD and Video CD only)

**Press PAUSE during still playback.**

(Each time you press PAUSE, the picture advances one frame)

**To resume normal playback, press PLAY.**

### ■ Skipping Chapters and Tracks Forward or Back

#### Skipping forward

**Press SKIP ►► during playback.**

A chapter (DVD) or a track (CD/Video CD) is skipped each time the button is pressed.

#### Skipping back

**Press SKIP ◄◄ during playback.**

- When the button is pressed once midway through a chapter/track, the player returns to the start of that chapter/track. When it is pressed again, a chapter/track is skipped each time the button is pressed.

#### For your reference:

- When ◄◄ SKIP ►► is pressed during menu play of video CDs equipped with PBC (Version 2.0), a menu screen may sometimes be recalled.

## Playing a Disc

DVD VCD CD

### ■ To Scan at Fast Forward or Fast Reverse Playback

Press and hold SKIP ◀◀ or ▶▶ button for about two seconds during playback.

[TV screen]



- The speed of advance (reverse) is relatively slow at first. When the button is pressed again, the speed becomes faster. (Each time the button is pressed, the speed increases up to 4 steps (DVD) or 3 steps (Video CD/CD).)
- The speed will be retained even after the button is released.

To return to normal playback, press PLAY.



- The DVD player does not play back sound during the high speed reverse and forward playback of DVD video discs. However, the DVD player plays back sound during fast forward or fast reverse playback of audio CDs.

### ■ Playing in Slow-Motion (DVD and Video CD only)

Press SLOW ◀| or |▶ during playback.  
The playback speed becomes 1/16 of the normal speed.

[TV screen]



- The speed of slow-motion is slow at first. When the button is pressed again, the speed becomes faster. (Each time the button is pressed, the speed increase up to 4 steps.)
- The speed will be retained even after the button is released.

To return to normal playback, press PLAY.



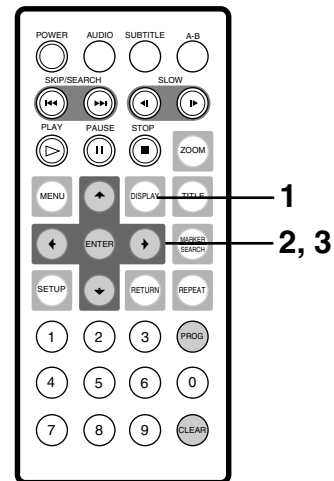
- The sound is muted during slow-motion playback.
- Subtitles do not appear on the screen during slow motion playback.
- The SLOW buttons do not work with Audio CDs.
- The reverse slow does not work with Video CD.

## General information about GUI Menu Icons

DVD VCD CD

This unit features GUI Menu Icons showing disc information (title/chapter/track number, elapsed playing time, audio/subtitle language, angle, and sound) and player information (repeat play, play mode, marker, etc.). Some icons only show the indicated information. Other icons allow the settings to be changed.

\* GUI: Graphic User Interface



### Common procedures

#### 1. Press **DISPLAY** during playback.

Title function can be accessed from the stop mode.

#### 2. Press **▲/▼** to select the desired item.

The current selected item is indicated by a yellow frame on its GUI menu icons.

#### 3. Press **◀▶** to select the desired setting.

- When numbers are displayed (e.g. title number), the numeric buttons can also be used for setting instead of **◀▶**.
- For some functions, the setting will be registered immediately; for others, ENTER must be pressed.

To clear the GUI Menu Icons, press **DISPLAY** again.

### Examples of GUI Menu Icons.

(The screens may differ depending on the disc contents.)



(DVD GUI) (CD/Video CD GUI) (Video CD (Version 2.0))





## Detailed Description of each GUI Menu Icon










You can view information about a disc and its operational status on the TV screen.

Press DISPLAY during  
playback. [TV screen]  
**DVD GUI**

**FUNCTION**  
(Press ▲/▼ to select desired item)

**SELECTION  
METHOD**

 1	To show the current title number <b>and to jump to the desired title number</b>	◀▶, or Numeric ENTER
 1	To show the current chapter number <b>and to jump to the desired chapter number</b>	◀▶, or Numeric ENTER SKIP
 0:16:57	To show the elapsed time <b>and directly select scenes by the desired time.</b>	Numeric ENTER
 1 ENG D D D 6 CH	To show the current audio soundtrack language, encoding method, channel number <b>and to change the settings.</b>	◀▶, AUDIO
 OFF	To show the current subtitle language <b>and to change the setting.</b>	◀▶, SUBTITLE
 1	To show the current angle number <b>and to change the angle.</b>	◀▶, ANGLE
 NORM.	To show the current sound (NORMAL or 3D SURROUND) <b>and to change the setting.</b>	◀▶

Operation Using GUI Menu Icons





## Detailed Description of each GUI Menu Icon (Cont'd)



Press DISPLAY during playback. [TV screen]  
CD/Video CD GUI

**FUNCTION**  
(Press ▲/▼ to select desired item)

**SELECTION METHOD**

 1	To show the current track number and to jump to the desired track number	◀▶, or Numeric ENTER SKIP
 0:16:57	To show the elapsed time. (Display only)	_____
 STER.	To show the current audio (STEREO, LEFT, RIGHT) and to select the desired audio channel.	◀▶, AUDIO
 NORM.	To show the current sound (NORMAL or 3D SURROUND) and to change the setting.	◀▶



- Some DVD discs may not provide all of the above GUI menu icons.

## Using a Title/DVD Menu



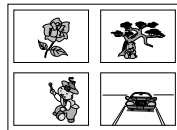
### Using a Title Menu

Some movie discs may contain two or more titles. If the disc has a title menu recorded on it, the TITLE button can be used to select the movie title. (The details of operation differ depending on the disc used.)

- Selecting a title may not be possible on certain DVD discs.

#### 1. Press TITLE.

A list of the titles on the disc is displayed.

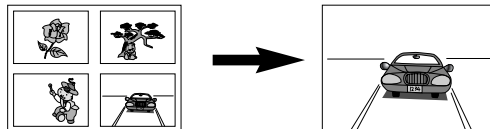


Press TITLE again to resume play from the scene when TITLE was first pressed.

- Resume play may not be possible on certain discs.

#### 2. Press ▲/▼/◀/▶ and press ENTER or PLAY, or press the numeric button(s), to select desired title.

The selected title now starts playing.

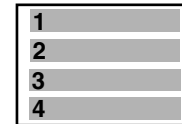


### Using a DVD Menu

Some DVDs have unique menu structures called DVD menus. For example, DVDs programmed with complex contents provide guide menus, and those recorded with various languages provide menus for audio and subtitle language. Although the DVD menu's contents and operation differ from disc to disc, the following explains the basic operation when this feature is used.

#### 1. Press MENU during play.

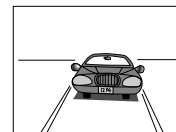
The DVD menu available on the disc is now displayed.



Pressing MENU again resumes play from the scene when MENU was first pressed.

- Resume play may not be possible on certain discs.

#### 2. Press ▲/▼/◀/▶ and press ENTER, or press the numeric button(s), to select desired item.



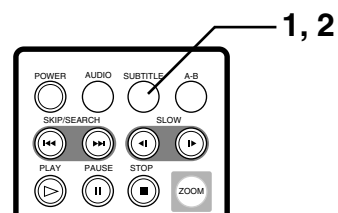
The selected item is now executed.

## Changing Subtitle Language



It is possible to change the subtitle language to a different language from the one selected at the initial settings. (See page 38 for further info.)

This operation works only with discs on which multiple subtitle languages are recorded.



- In some cases, the subtitle language is not changed to the selected one immediately.
- When a disc supporting the closed caption is played, the subtitle and the closed caption may overlap each other on the TV screen. In this case, turn the subtitle off.
- When the desired language is not selected even after pressing the button several times, it means that the language is not available on the disc.
- When the power is turned on or the disc is removed, subtitles appear in the language selected at the initial settings. If this language is not recorded on the disc, the disc's priority language appears.

### 1. Press SUBTITLE during playback.

When no subtitles are recorded, "OFF" will be displayed instead of the language number.



### 2. Press SUBTITLE repeatedly until the desired language is selected.

Number of the subtitle language being played back is shown.



### To eliminate the On Screen Subtitles.

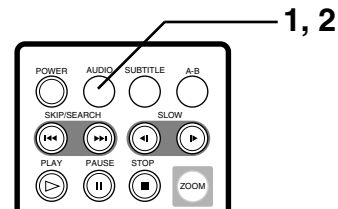
Press SUBTITLE repeatedly to select OFF at step 2.

## Changing Audio Soundtrack Language

DVD VCD CD

It is possible to change the audio soundtrack language (or encoding method, channel number) to a different language from the one selected at the initial settings in case of DVD disc. (See page 38 for further info.) This operation works only with discs on which multiple audio soundtrack languages are recorded.

And it is possible to change the audio channel in case of audio CD.



### NOTES

- When the desired language is not selected even after pressing the button several times, it means that the language is not available on the disc.
- When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.
- Some discs may not respond to Audio feature.

### • DVD

#### 1. Press AUDIO during play.

Number of the audio soundtrack language being played back.



#### 2. Press AUDIO repeatedly until the desired language (or encoding method, channel number) is selected.



### • CD/Video CD

#### 1. Press AUDIO during play.



#### 2. Press AUDIO repeatedly until the desired sound is selected.



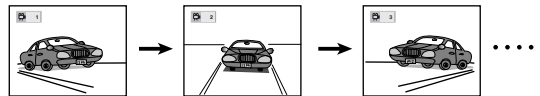
## Viewing from another Angle



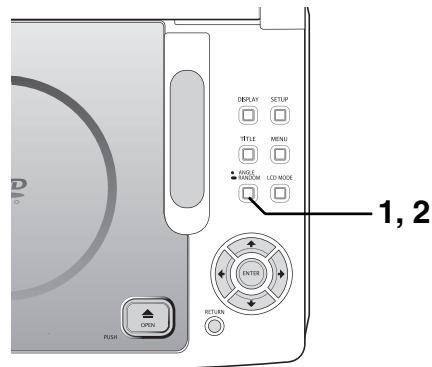
Some DVDs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scene can be viewed from each of these different angles using the ANGLE button. (The recorded angles differ depending on the disc used.)

**1. Press ANGLE during playback.**

Number of angle  
being played back.



**2. Press ANGLE repeatedly until the desired angle is selected.**



### For your reference

- The ANGLE indicator will blink in the display window at scenes recorded at different angles to indicate that angle switching is possible.
- The angle number can be programmed beforehand; the angle will be switched to the selected number when the ANGLE indicator blinks.

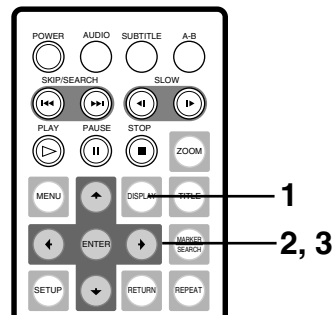


- This function only works for discs having scenes recorded at different angles.

## Product a 3D Surround Effect

DVD CD

This unit can produce a 3D Surround effect, using 3D Surround Sound technology, which simulates multi-channel audio playback from two conventional stereo speakers instead of the five or more speakers normally required to listen to multi-channel audio from a home theater. This feature works with DVD discs encoded with Dolby Pro Logic and Dolby Digital audio tracks.



1. Press **DISPLAY** during playback.

2. Press **▲/▼** to select **SOUND** item.



3. Press **◀▶** repeatedly until the desired sound is selected.

Each time this button is pressed, the TV screen display changes.



- This 3D Surround effect may not be available on some DVD discs, such as those recorded with a mono audio soundtrack.
- Turn off the TV surround sound and other surround effects when using this 3D surround effect.
- For best 3D Surround effect using only two speakers, it is recommended that the two speakers be positioned approximately 2 m to 2.5 m apart, and that the listening position be 2 m to 2.5 m away from the speakers.

Advanced Operations

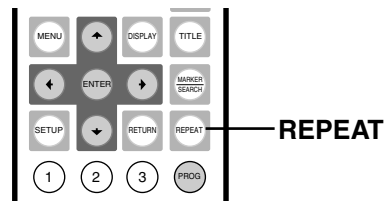
## Repeat Play

DVD VCD CD

### Repeating viewing (listening)

#### Press REPEAT during playback.

Each time this button is pressed, the TV screen changes as shown below and the disc will repeat a chapter or title (DVD) or a track (CD/Video CD).

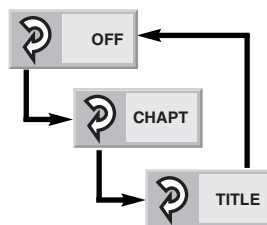


### • DVD

Cancel repeat mode  
(normal play)

Repeat of chapter  
being played

Repeat of title  
being played

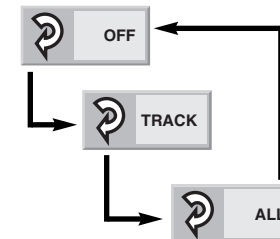


### • CD/Video CD

Cancel repeat mode  
(normal play)

Repeat of track  
being played

Repeat of entire  
disc contents



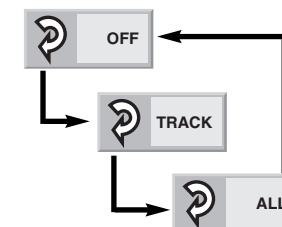
### To enjoy program repeat play (CD/Video CD)

If REPEAT is pressed during program play, repeat play is operated as below.

Cancel repeat mode  
(Program play)

Repeat of the current  
programmed track

Repeat of all  
programs



### To return to normal play

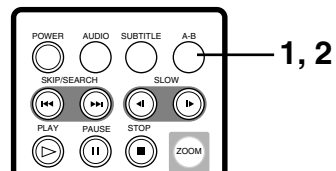
Press REPEAT several times until "OFF" is displayed.



## Repeat Play (Cont'd)

DVD VCD CD

Repeating sections between two specific points  
(A-B repeat)



### NOTES

- Repeat play works only with discs for which the elapsed playing time appears in the display window during playback.
- Repeat play may not work correctly with some DVDs and some Video CDs.
- A-B repeat play works only within a title DVD or a track CD/Video CD.
- Some subtitles recorded around point A or B may fail to appear (DVD).

1. Press A-B during playback at the point where repeat play is to start (A).



- You can select "OFF" at this step by pressing CLEAR.

2. Press A-B during playback at the point where repeat play is to be concluded (B).



Repeat play of the selection between points A and B starts.

### To return to normal playback

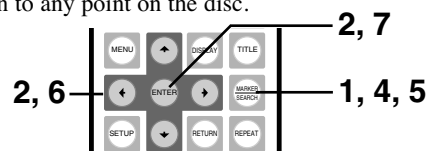
Press A-B once "OFF" is displayed.



## Storing Markers in Memory to be Viewed (Listened to) again



Storing a MARKER in the DVD memory is similar to marking your page in a book. It allows you to quickly return to any point on the disc.



### Storing a marker in the memory

#### 1. Press MARKER/SEARCH during play.

The MARKER SEARCH menu appears on the TV.



#### 2. During playback, press ENTER when playback reaches the spot that you want to memorize.

- The Marker number appears.
- Do this within 10 seconds while the MARKER SEARCH menu appears.
- To enter additional Marker points, press ◀▶ until another empty point on the MARKER SEARCH menu is highlighted, then press ENTER when playback reaches the point at which you want the next Marker.

#### 3. Repeat step 2 to enter up to nine Marker points on a disc.

#### 4. To remove the MARKER SEARCH menu, press MARKER/SEARCH.

### Recalling/Clearing a marker

#### 5. Press MARKER/SEARCH during playback.

The MARKER SEARCH menu will appear on the screen.



#### 6. Press ◀▶ to select the marker to be recalled/cleared.

#### 7. Press ENTER to recall a marker.

Press CLEAR to clear a marker.

Play resumes from the point corresponding to the selected marker, or the selected marker is cleared.



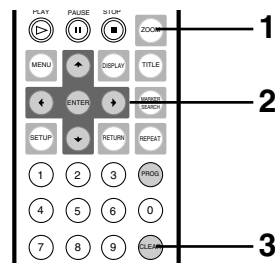
- These operations work only with discs for which the elapsed playing time appears in the display window during playback or stop.
- Some subtitles recorded around the marker may fail to appear (DVD).
- All the markers are cleared when the power is turned off or the disc is removed.
- The marker is not stored when the DVD or title menu is displayed on the TV screen.

## Zoom Feature/Random Play

DVD VCD

### Zoom feature (DVD and Video CD only)

The Zoom function allows you to enlarge the video image and to move through the enlarged image.



**1. Press ZOOM during playback or still playback to activate the Zoom function.**

If you further press ZOOM repeatedly, the magnification level increases (6 steps).

**2. Press ▲/▼/◀/▶ buttons to move through the zoomed picture.**

**3. Press CLEAR to resume normal playback.**



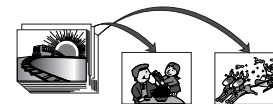
- Some discs may not respond to the Zoom feature.
- Zoom does not work on subtitles or menus included on DVD video discs.

### Random play (Karaoke DVD, Video CD or CD)

**Note:** This function only works with karaoke DVD, Audio CD and Video CD. Random does not work with DVD movie discs.

You can playback titles or tracks in random order.  
(Random playback)

The DVD player automatically selects the titles on a DVD video karaoke disc only and plays them back randomly.



**1. Press and hold RANDOM on the main unit for about two seconds during normal playback or stop mode.**

The DVD player automatically starts random playback and the RANDOM indicator in the display window appears.

**2. To resume normal playback, press and hold RANDOM on the main unit for about two seconds until the RANDOM indicator in the display window disappears.**



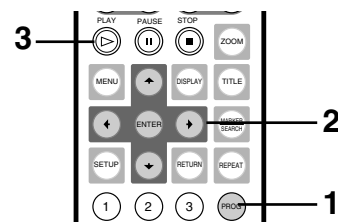
- Random playback may not be possible on certain discs.
- If you press the SKIP ◀◀ or ▶▶ button during random playback, the DVD player goes to another track randomly and starts playback.

## Program Play



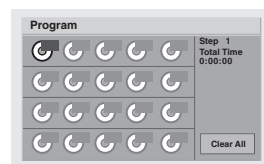
The player plays the tracks on the disc in the order you specify.

**Note:** Program play function is possible only with audio CDs. It does not work with DVD movie discs and Video CDs (Version 2.0).



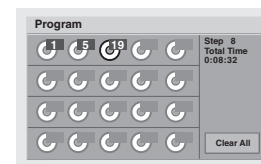
### 1. Press **PROGRAM** on the stop mode.

The program playback menu screen appears on the TV screen.



- To exit the menu screen, press **PROGRAM** or **RETURN**.

### 2. Press **▲/▼/◀/▶** and press the numeric button(s), to select the desired track number.



- Repeat step 2 to select another track.
- Up to 20 tracks can be programmed.

### 3. Press **PLAY** to exit the screen.

The selected track is stored in the memory and play now begins in the programmed sequence.

### After playback of all tracks programmed

Play is stopped.

### Clearing the program

#### • To clear the programmed tracks one by one

Press **▲/▼/◀/▶** to select the unwanted number and then press **CLEAR**.

#### • To clear all the programmed tracks

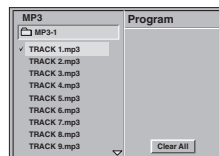
Press **▲/▼/◀/▶** to select “Clear All” and then press **ENTER**. Press **PROGRAM** or **RETURN** to exit the menu screen. (The programs are also cleared when the power is turned off or the disc is removed.)

## Playback with MP3

MP3

### 1. Load an MP3 disc.

The MP3 menu is displayed and playback starts automatically.



### 2. Press ▲/▼ button to select the desired MP3 file and then press PLAY or ENTER to start playback of the file.

#### For your reference

- Press SKIP ►► or SKIP ◄◄ to play the next file or previous file during playback.
- Press DISPLAY to move to the next page.
- Press PAUSE to enter the pause mode, press PLAY or PAUSE again to return to normal playback.
- Press STOP to stop the playback.

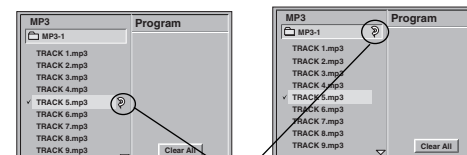
#### To play an MP3 file repeatedly

- If you press REPEAT once during play, the current MP3 file will play repeatedly.
- If you press REPEAT twice during play, all MP3 files on the disc will play repeatedly.
- If you press REPEAT three times, repeat play will be cancelled.



- The file name is only displayed in English.
- If there is an impossible code to display, it will be displayed underlined ( ) instead of English.
- This unit can play up to 200 files per disc.
- Disc format is compatible with ISO9660 only.
- If you record MP3 files using the software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it is impossible to playback MP3 files. We therefore recommend that you use "Easy-CD Creator", which creates an ISO9660 file system.
- If there are already data files which are not MP3 files on the CD-R disc, please, do not use that disc; use a new one instead. However, if the disc is a CD-RW disc, this does not apply.

Advanced Operations



REPEAT symbol

## Playback with MP3 (Cont'd)



**MP3**

To program play an MP3 file

### 1. Load an MP3 disc.

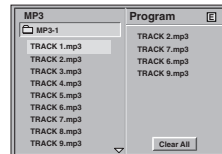
The MP3 menu is displayed

### 2. Press PROGRAM to enter the Program Editing mode in the stop mode.

- The  mark appears to the right of the word Program on the right side of MP3 menu.
- Press RETURN to exit the Program Editing mode, the  mark will disappear.

### 3. Press ▲/▼ to select the desired MP3 file and then press ENTER to add the MP3 file to the program list.

- Repeat step 3 to select another track.
- Up to 60 files can be programmed.



### 4. Press PLAY to play.

Playback now begins in the programmed sequence.

If you want to enter the main menu, press ◀ button.

After playback of all tracks programmed

Play is stopped.

### Clearing the program

#### • To clear the programs one by one

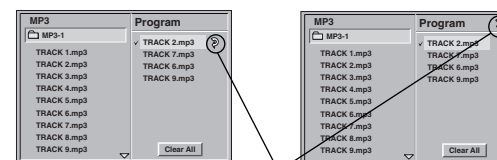
In the Program Editing mode, press ▲/▼/◀/▶ to select the unwanted MP3 file on the program list and then press CLEAR.

#### • To clear all the programs

In the Program Editing mode, press ▲/▼/◀/▶ to select the “Clear All” and press ENTER.

### To play an MP3 file repeatedly

- If you press REPEAT button once during play, the current MP3 file will play repeatedly.
- If you press REPEAT button twice during play, all MP3 files on the program list will play repeatedly.
- If you press REPEAT button three times, repeat play will be cancelled.



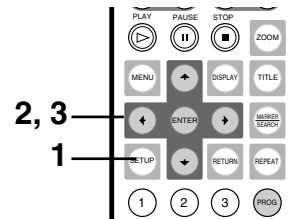
REPEAT symbol

## Selection of Initial Settings



Once the initial settings have been completed, the player can always be operated under the same conditions (especially with DVD discs).

The settings will be retained in the memory until they are changed, even if the power is switched off.



### Selection of initial settings

#### 1. Press **SETUP** in the stop or playback mode.

The SETUP menu is displayed.



#### 2. Press **▲/▼** to select the desired item.

The screen will show the current setting for the selected item, and the alternate setting(s).

- Disc Audio (see page 38.)
- Disc Subtitle (see page 38.)
- Disc Menu (see page 38.)
- Rating (see page 39.)
- Password (see page 40.)
- TV Aspect (see page 41.)
- Menu Language (see page 42.)
- Digital Audio Output (see pages 43-44.)
- Others (see page 45.)

#### 3. Press **►** and then **▲/▼** to select the desired setting and press **ENTER**.

- Some items require additional steps. (See the respective page.)

When the alternate setting is selected the screen returns to the Initial Settings display.

#### To exit **SETUP** menu

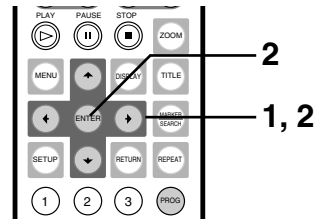
Press **SETUP**, **RETURN** or **PLAY**.

## Selecting Disc Language



This is to select the audio soundtrack language, subtitle language and the language used in title menus or DVD menus which will always be used for every disc to be played back.

When you play back a DVD video disc, the DVD player automatically displays the pre-selected subtitle language if it is included on the disc.



1. At the **SETUP** menu screen, press **▲/▼** to select “Disc Audio” and press **►**.



2. Press **▲/▼** to select the desired language and then press **ENTER**.



- Original** : The original language of each disc will be selected.
- English** : English will be selected.
- Other** : Another language can be selected. You can input a 4-digit language code. (Refer to the language codes on page 46. Press **CLEAR** if an incorrect language code is entered.)

The “Disc Subtitle” and “Disc Menu” are selected by the same method.



- If the language selected is not available on the disc, the original language designated by each disc will be selected.

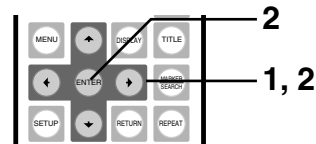


## Selecting Rating Level and Password



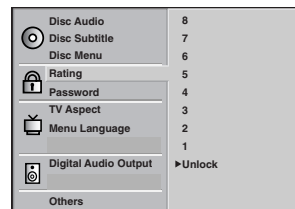
This is to prohibit the playing of specified DVDs which are unsuitable for children.

- Some DVD discs contain a restriction level which enables parents to remove scenes or prevent playback of discs by children. DVD players are equipped with a password designed to prevent children from changing the level.

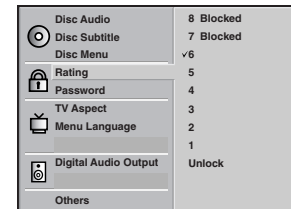


### Selecting rating level (DVD only)

- At the **SETUP** menu screen, press **▲/▼** to select **“Rating”** and press **►**.



- Press **▲/▼** to select the desired level and press **ENTER**.



You cannot play DVD video discs rated higher than the level you selected unless you cancel the parental lock function.

For example, when you select level 7, discs rated higher than level 7 are blocked and cannot be played.

If you change the level and enter a password, playback of all DVDs with ratings higher than your selection will be blocked, unless the correct password is entered again. For example: if you change the level to “5”, the DVD player will not play discs with ratings of “6”, “7” or “8” unless the correct password is entered on the remote control.

Initial Settings

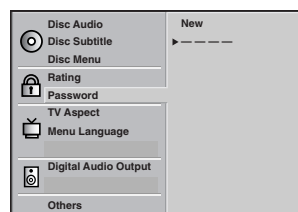
## Selecting Rating Level and Password (Cont'd)



### Setting your password (DVD only)

If you change the rating level to “7” or lower, you must enter a 4-digit “password” to prevent playback of discs with higher ratings.

1. At the SETUP menu screen, press ▼ to select “Password” and press ►.



2. Input a 4-digit password and press ENTER.

Example : 1234

Do not forget your password.

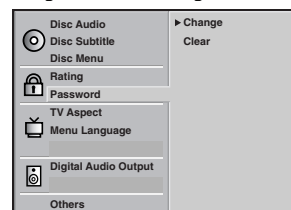
3. Input the 4-digit password again and press ENTER to verify.

Setting is finished.

- The rating is locked. Any disc whose rating is higher than the setting, cannot be played back unless the correct password is entered.

### To change/clear memorized password

1. At the SETUP menu screen, press ▼ to select “Password” and press ►.
2. Input your password and press ENTER.



3. To change or clear your password, press ▲/▼ to select the “Change” or “Clear” and press ENTER.

To change the rating level/password, follow the steps on page 39-40 again.

### To clear your 4-digit password

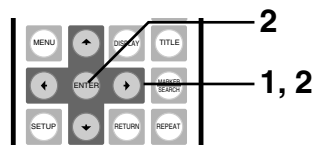
If you forget your password, to clear the current password, follow the procedure below.

- 1 **Press SETUP.**  
The SETUP menu is displayed.
- 2 **Enter 6-digit number “210499” by pressing number buttons.**  
The 4-digit password is cleared. “PC” appears on the display window.
- 3 **Enter a new password.**  
Refer to “Setting your password” section to the left.

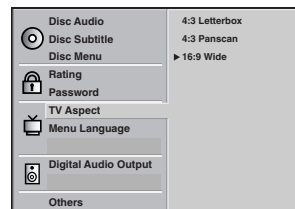
## Selecting TV Aspect



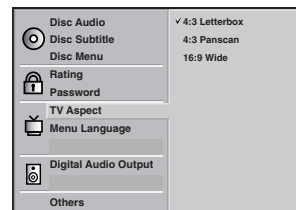
Select the appropriate screen type according to your TV set; conventional size screen (4:3) or wide-screen (16:9).



1. At the **SETUP** menu screen, press **▲/▼** to select **“TV Aspect”** and press **►**.



2. Press **▲/▼** to select the desired Aspect and press **ENTER**.

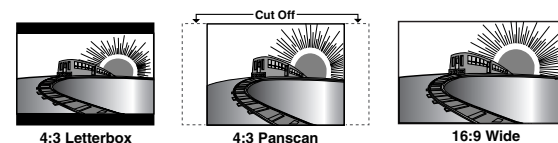


**4:3 Letterbox** : The video material not formatted in the Pan & Scan style is played back in the letterbox style (black bands appear at top and bottom of screen).

**4:3 Panscan** : Select when a conventional TV set is connected. The video material formatted in the Pan & Scan style is played back in that style (the left and right edges are cut off).

**16:9 Wide** : Select when a wide-screen TV set is connected. Played in **“FULL”** size. (Setting the wide-screen TV to **“FULL”** mode is also necessary.)

\* Each screen shows an example when the video material for a wide-screen is played.  
(This setting does not affect the video material for conventional size.)



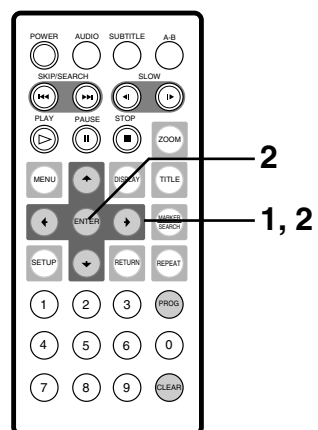
Initial Settings

## Selecting Menu Language



Selects language for SETUP menus and displays on the TV.

1. At the SETUP menu screen, press ▲/▼ to select “Menu Language” and press ►.



2. Press ▲/▼ to select the desired Language and press ENTER.

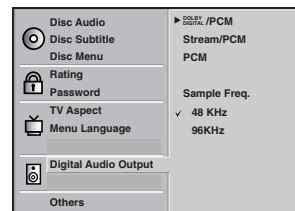


## Selecting Digital Audio Output

DVD VCD CD

Each DVD disc has a variety of audio output options. Set the player's Digital Audio Output according to the type of audio system you use.

1. At the SETUP menu screen, press ▲/▼ to select "Digital Audio Output" and press ►.



2. Press ▲/▼ to select the desired output and press ENTER.

You can select Digital Audio Output or Sampling Frequency item by pressing ENTER.

### ■ Digital Audio Output

**DOLBY DIGITAL/PCM:** Select "DOLBY DIGITAL/PCM" if an active digital output is supplied to a Dolby Digital decoder, (or an amplifier or other equipment with Dolby Digital decoder).

**Stream/PCM:** Select "Stream/PCM" if an active digital output is supplied to an amplifier or other equipment with DTS decoder, Dolby Digital decoder and MPEG decoder.

**PCM:** Select "PCM" if an active digital output is supplied to an amplifier or other equipment with linear PCM only (or MD recorder or DAT deck).

Playback Disc	OUTPUT		
	Stream/PCM	Dolby Digital/PCM	PCM only
96 kHz Linear PCM DVD	PCM	PCM	PCM
DTS DVD	DTS bit Stream	DTS bit Stream	DTS bit Stream
Dolby Digital DVD	Dolby Digital bit Stream	Dolby Digital bit Stream	PCM
MPEG DVD	MPEG bit Stream	PCM	PCM
Audio CD/Video CD	PCM	PCM	PCM
DTS Audio CD	DTS bit Stream	DTS bit Stream	DTS bit Stream

Initial Settings

## Selecting Digital Audio Output (Cont'd)

DVD VCD CD

### ■ Sampling Frequency

To change the Sample Frequency setting, first select the desired digital audio output type as indicated on page 43. If your A/V receiver or surround processor is NOT capable of handling 96kHz signals, select the 48kHz option. When this choice is made, this unit will automatically convert any 96kHz signals to a 48kHz output so that your system is capable of decoding them. If your A/V receiver or surround processor is capable of handling 96kHz signals, select the 96kHz option. When this choice is made, this unit will pass each type of signal through without any further processing.



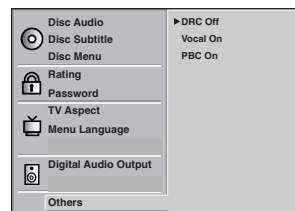
- When you are not using the player's digital audio output, don't select any of the options.
- If an active digital audio output signal is supplied to a receiver or other equipment without a corresponding digital decoding capability, a very loud noise may be produced which could permanently damage the speakers.
- The DTS DVD disc sound is played back only when the DVD player is connected to a receiver with a DTS decoder.

## Others

DVD VCD CD

The DRC, Vocal and PBC settings can be changed.

1. At the **SETUP** menu screen, press **▲/▼** to select **“Others”** and press **►**.



2. Press **▲/▼** to select the desired items and press **ENTER**.

The setting of the selected item are changed between On and Off.

### About DRC (Dynamic Range Compression)

With the DVD format you have the opportunity to hear a program's soundtrack in the most accurate and realistic presentation possible, thanks to the use of digital audio technology. However, in certain instances you may wish to slightly compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones) so that you may listen to a movie at a lower volume without losing dialogue intelligibility.

### ■ DRC (Dynamic Range Compression) On/Off

**On:** Select this option to turn on the Dynamic Range Compression circuitry so that the dialogue remains clear even at low volume levels.

**Off:** Select this option to turn off the Dynamic Range Compression and have the soundtrack presented exactly as it was created.

### ■ Vocal On/Off

Set to On only when a multi-channel karaoke DVD is being played. The karaoke channels on the disc will then be mixed into a normal stereo sound.

### ■ PBC On/Off

Set Playback Control (PBC) to On or Off

**On:** Video CDs with PBC are played back according to the PBC.

**Off:** Video CDs with PBC are played back in the same way Audio CDs.

### NOTES

- The DRC function works only during playback of Dolby Digital recorded discs.
- The level of Dynamic Range Compression may differ depending on the DVD disc.
- When playing karaoke, connect appropriate audio equipment (such as an amplifier) to the DVD video player.

## Table of Languages and their Code Numbers

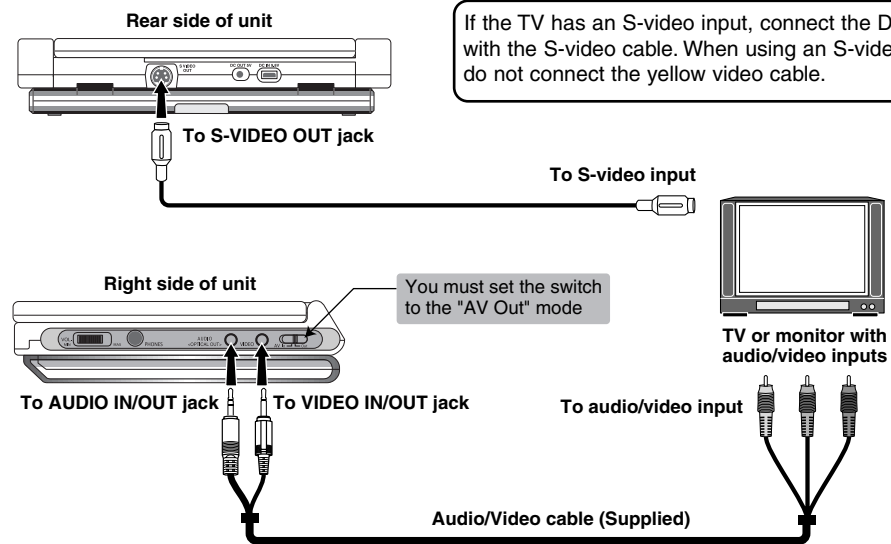


Enter the appropriate code number for the initial settings “Audio”, “Subtitle” and/or “Menu” (See page 38).

Code	Language	Code	Language	Code	Language	Code	Language
6565	Afar	7079	Faroese	7678	Lingala	8375	Slovak
6566	Abkhazian	7082	French	7679	Laothian	8376	Slovenian
6570	Afrikaans	7089	Frisian	7684	Lithuanian	8377	Samoa
6577	Ameharic	7165	Irish	7686	Latvian, Lettish	8378	Shona
6582	Arabic	7168	Scots Gaelic	7771	Malagasy	8379	Somali
6583	Assamese	7176	Galician	7773	Maori	8381	Albanian
6588	Aymara	7178	Guarani	7775	Macedonian	8382	Serbian
6590	Azerbaijani	7185	Gujarati	7776	Malayalam	8385	Sudanese
6665	Bashkir	7265	Hausa	7778	Mongolian	8386	Swedish
6669	Byelorussian	7273	Hindi	7779	Moldavian	8387	Swahili
6671	Bulgarian	7282	Croatian	7782	Marathi	8465	Tamil
6672	Bihari	7285	Hungarian	7783	Malay	8469	Telugu
6678	Bengali; Bangla	7289	Armenian	7784	Maltese	8471	Tajik
6679	Tibetan	7365	Interlingua	7789	Burmese	8472	Thai
6682	Breton	7378	Indonesian	7865	Nauru	8473	Tigrinya
6765	Catalan	7383	Icelandic	7869	Nepali	8475	Turkmen
6779	Corsican	7384	Italian	7876	Dutch	8476	Tagalog
6783	Czech	7387	Hebrew	7879	Norwegian	8479	Tonga
6789	Welsh	7465	Japanese	7982	Oriya	8482	Turkish
6865	Danish	7473	Yiddish	8065	Punjabi	8484	Tatar
6869	German	7487	Javanese	8076	Polish	8487	Twi
6890	Bhutani	7565	Georgian	8083	Pashto, Pushto	8575	Ukrainian
6976	Greek	7575	Kazakh	8084	Portuguese	8582	Urdu
6978	English	7576	Greenlandic	8185	Quechua	8590	Uzbek
6979	Esperanto	7577	Cambodian	8277	Rhaeto-Romance	8673	Vietnamese
6983	Spanish	7578	Kannada	8279	Rumanian	8679	Volapük
6984	Estonian	7579	Korean	8285	Russian	8779	Wolof
6985	Basque	7583	Kashmiri	8365	Sanskrit	8872	Xhosa
7065	Persian	7585	Kurdish	8368	Sindhi	8979	Yoruba
7073	Finnish	7589	Kirghiz	8372	Serbo-Croatian	9072	Chinese
7074	Fiji	7665	Latin	8373	Singhalese	9085	Zulu



## Connecting to a TV

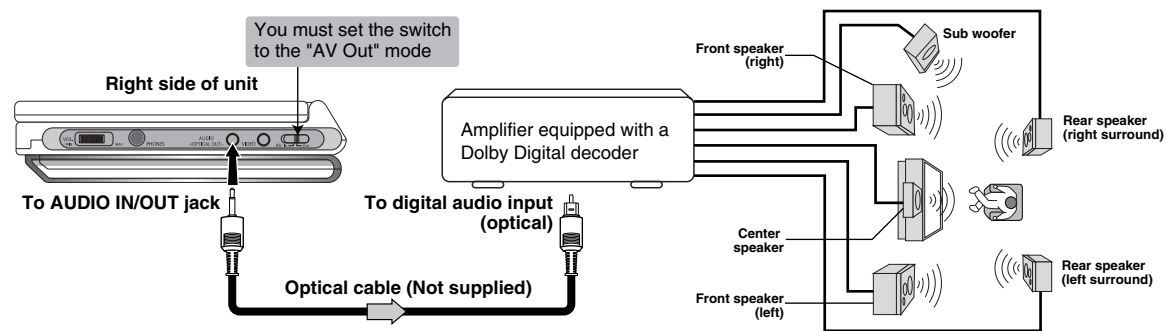


If the TV has an S-video input, connect the DVD player with the S-video cable. When using an S-video cable, do not connect the yellow video cable.



- Refer to the owner's manual of your TV as well.
- Before you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- **Connect the DVD player to your TV directly. If you connect the DVD player to a VCR, the playback picture will be distorted because DVD video discs are copy protected.**

## Connecting to an amplifier equipped with a Dolby Digital decoder



**To enjoy Dolby Digital sound from this DVD player you need the following:**

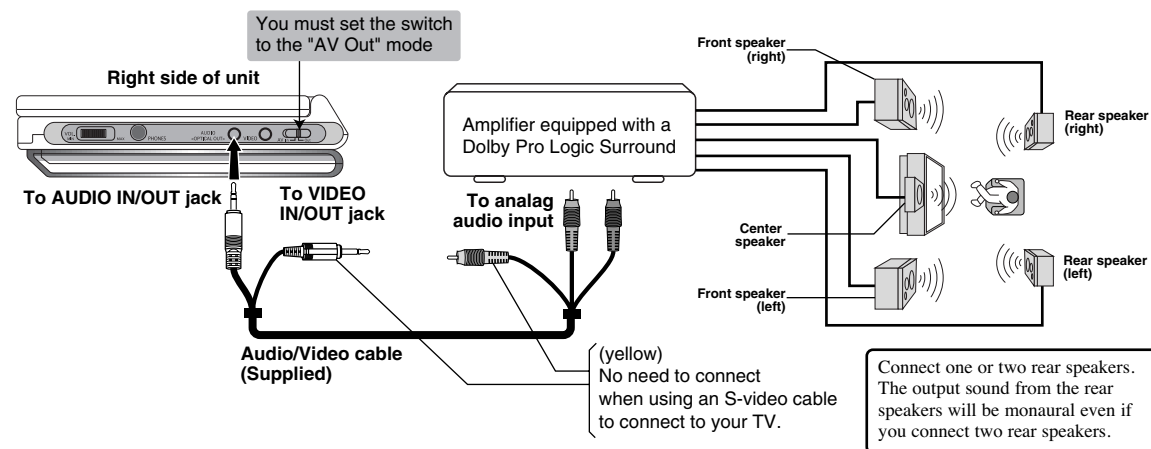
- DVD recorded in Dolby Digital
- 6 channel receiver equipped with a Dolby Digital decoder, or Dolby Digital processor and power receiver
- 5 speakers and 1 sub woofer
- Set the Digital Audio Output of this DVD player to "Dolby Digital" from the SETUP menu

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished works. Copyright 1992-1997 Dolby Laboratories. All rights reserved.

## Connecting to an amplifier equipped with a Dolby Pro Logic Surround

### Dolby Pro Logic Surround

You can still enjoy the excitement of Surround Sound even if your A/V receiver does not offer Dolby Digital decoding. If your A/V receiver has a Dolby Pro Logic decoder, refer to the following connection diagram.



- **With a receiver equipped with Dolby Digital**  
Connect the equipment the same way as described in "Connecting to an amplifier equipped with a Dolby Digital decoder" on the previous page. Refer to that receiver's owner's manual and set the receiver so you can enjoy Dolby Pro Logic Surround sound.

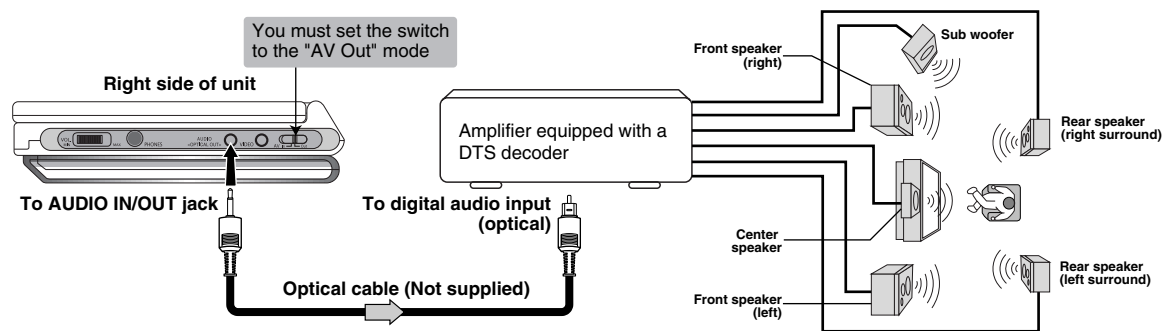


**Be sure to set Digital Audio Output of this DVD player to "PCM" from the SETUP menu when you enjoy sounds of Dolby Pro Logic Surround using this connection.**

## Connecting to an amplifier equipped with a DTS decoder

### Digital Theater System(DTS)

DTS is high quality surround technology used in theaters and now available for home use, on DVD video discs or audio CDs. If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded sound tracks on DVD video discs or audio CDs.



“DTS” and “DTS Digital Out” are trademarks of Digital Theater Systems, Inc.

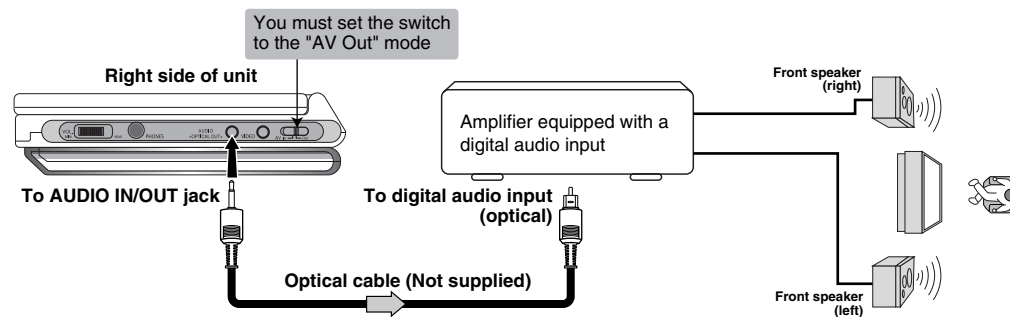
#### **WARNING:**

- When you are connecting (via the OPTICAL OUT jack) an AV decoder that does not have the Dolby Digital, Digital Theater System (DTS) or MPEG2 decoding, be sure to set Digital Audio Output of this DVD player to “PCM” from the SETUP menu. Otherwise, high volume sound may damage your hearing as well as the speakers.

## Connecting to an amplifier equipped with a digital audio input

### 2 Channel Digital Stereo

You can enjoy the dynamic sound of 2 Channel Digital Stereo by connecting this DVD player to a receiver equipped with a digital audio input and speaker system (right and left front speakers).






#### **NOTES for all connections**

- Connect the OPTICAL OUT jack of the player to the "OPTICAL" input of a Receiver or Processor.
- Refer to the owner's manual of your audio equipment as well.
- Before you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
- Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.

## Disc Requirements

### Playable Discs

This DVD player can play back the following discs.

	Disc mark	Contents	Disc size	Maximum playback time
DVD video discs		Audio+Video (moving pictures)	12 cm	Approx. 4 hours (single sided disc)
				Approx. 8 hours (double sided disc)
			8 cm	Approx. 80 minutes (single sided disc)
				Approx. 160 minutes (double sided disc)
Video CDs		Audio+Video	12 cm	74 minutes
			8 cm	20 minutes
Audio CDs		Audio	12 cm	74 minutes
			8 cm	20 minutes

**In addition, this unit can play back a SVCD, CD-R or CD-RW that contains audio titles or MP3 files.**

You cannot playback discs other than those listed above. (CD-ROM, CD-Extra, CD-G, photo CD, and CD-i discs can not be played on this DVD player.)

## Copyright Information

### Region Management Information

Region Management Information: This 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 DVD player, this DVD player cannot play that disc.

The Region number of this DVD player is 3.



### Notes on Unauthorized Discs

You may not be able to play back some DVD video discs on this player if they were purchased from outside your geographic area or made for business purposes.

When you try to play back an unauthorized disc, “**Check Regional Code**” appears on the TV screen.

### Notes on Copyright

It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, and rent copyrighted material without permission.

DVD video discs are copy protected, and any recordings made from these discs will be distorted.

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.

## Before Calling Service Personnel

### Symptoms and Correction

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction
No power.	• The power cord is disconnected.	• Plug the power cord into the wall outlet securely.
	• Hold switch is set to HOLD position.	• Release the hold mode.
	• The battery is discharged.	• Recharge the battery.
The power is on, but the DVD player does not work.	• No disc is inserted.	• Insert a disc. (Check that the DVD or, audio CD indicator in the display window is lit.)
No picture on the LCD or TV (including video from another unit).	• The video cable is not connected securely.	• Connect the video cable into the jacks securely.
	• The AV In/Out switch is not set correctly.	• Set the AV In/Out switch correctly. - While you are playing a disc, set the AV In/Out switch to Out mode - While you are viewing video from other equipment, set the AV In/Out switch to In mode.
	• LCD mode is set to OFF.	• Select a LCD mode other than OFF.
	• Check that Brightness control is set to “-”.	• Adjust the brightness.
	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV so the picture from the DVD player appears on the TV screen.
	• The connected TV power is turned off.	• Turn on the TV.



### Before Calling Service Personnel (Cont'd)

Symptom	Cause	Correction
No sound.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can listen to the sound from the DVD player.
	• The audio cables are not connected securely.	• Connect the audio cable into the jacks securely.
	• The power of the equipment connected with the audio cable is turned off.	• Turn on the equipment connected with the audio cable.
	• The Digital Audio Output is set to the wrong position.	• Set the Digital Audio Output to the correct position, then turn on the DVD player again.
The playback picture is poor.	• The disc is dirty.	• Clean the disc.
The DVD player does not start playback.	• No disc is inserted.	• Insert a disc. (Check that the disc indicator in the display window is lit.)
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type, color system and Regional code.)
	• The disc is placed upside down.	• Place the disc with the playback side down.
	• The disc is not placed within the guide.	• Place the disc on the disc tray correctly inside the guide.
	• A menu is on the TV screen.	• Press the SETUP button to turn off the menu screen.
	• The Rating level is set.	• Cancel the Rating function or change the rating level.

Reference

### Before Calling Service Personnel (Cont'd)

Symptom	Cause	Correction
The LCD is dark.	<ul style="list-style-type: none"> <li>Check that Brightness control is set to “—”.</li> </ul>	<ul style="list-style-type: none"> <li>Adjust the brightness.</li> </ul>
No response when buttons are pressed.	<ul style="list-style-type: none"> <li>Some discs prohibit certain operations.</li> </ul>	<ul style="list-style-type: none"> <li>“⊗” may appear on the screen during operation.</li> </ul>
	<ul style="list-style-type: none"> <li>Hold switch is set to HOLD position.</li> </ul>	<ul style="list-style-type: none"> <li>Release the hold mode.</li> </ul>
The remote control does not work properly.	<ul style="list-style-type: none"> <li>The remote control is too far from the DVD player.</li> </ul>	<ul style="list-style-type: none"> <li>Operate the remote control within about 23 ft (7 m).</li> </ul>
	<ul style="list-style-type: none"> <li>There is an obstacle in the path of the remote control and the DVD player.</li> </ul>	<ul style="list-style-type: none"> <li>Remove the obstacle.</li> </ul>
	<ul style="list-style-type: none"> <li>The batteries in the remote control are exhausted</li> </ul>	<ul style="list-style-type: none"> <li>Replace the batteries with new ones.</li> </ul>

## Specifications

[DVD player]	Power supply	DC 9.8 V (AC adapter terminal), DC 7.2 V (Battery)
	Power consumption	25 W with battery
	Weight	12.6 lbs (0.66 kg) (without battery pack)
	External dimensions (W X D X H)	7.3 x 5.9 x 1.0 inches (186 x 150 x 25 mm)
	Signal system	PAL
	Laser	Semiconductor laser, wavelength 650 nm (DVD), 780 nm (CD)
	Frequency range (audio)	DVD linear sound: 48kHz sampling 4 Hz to 20 kHz 96kHz sampling 4 Hz to 44 kHz
	Signal-to-noise ratio (audio)	More than 95 dB
	Dynamic range (audio)	More than 95 dB
	Harmonic distortion (audio)	0.08 %
	Operating conditions	Temperature: 41°F to 95°F, Operation status: Horizontal
[Connectors]	Video input/output (VIDEO In/Out)	1.0 V (p-p), 75 $\Omega$ , negative sync., $\phi$ 3.5mm mini jack x 1
	S-video output	(Y) 1.0 V (p-p), 75 $\Omega$ , negative sync., Mini DIN 4-pin x 1 (C) 0.3 V (p-p), 75 $\Omega$
	Audio output (optical audio)	Optical connector ( $\phi$ 3.5mm) x 1
	Audio input/output (AUDIO In/Out, analog audio)	1.6 Vrms(1 KHz, 0 dB), $\phi$ 3.5mm mini jack x 1
	Earphone terminal	$\phi$ 3.5mm stereo mini jack x 1

Reference

## Specifications (Cont'd)

[Liquid Crystal Display]	Panel size	7 inches (16:9)
	Projection system	TN color transmission
	Driving system	TFT active matrix
	Resolution	800 x 480 (effective pixel rate: more than 99.99%)
[Supplied Accessories]	<ul style="list-style-type: none"> <li>• S-Video cable .....1</li> <li>• RCA Audio/Video cable .....1</li> <li>• AC Adapter (AD-DP40).....1</li> <li>• Power Cord .....1</li> <li>• Battery Pack (DP-BT40) .....1</li> <li>• Remote control .....1</li> <li>• Battery for Remote control (Lithium) .....1</li> </ul>	

\* Designs and specifications are subject to change without notice.

如有问题  
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