

## Troubleshooting Guide

Check the following guide for a possible correction to a problem before contacting customer support. We recommend visiting our website, [www.apexdigitalinc.com](http://www.apexdigitalinc.com) and review Customer Support & FAQ's for updates. Register and validate your warranty.

### SYMPTOMS AND CORRECTION

Symptom	Correction
No power	<ul style="list-style-type: none"> <li>• Connect the power plug into the wall outlet securely.</li> <li>• Verify the power button on the player is engaged.</li> </ul>
No picture	<ul style="list-style-type: none"> <li>• Press <b>STOP</b> button then press <b>I/P</b> button on the remote control repeatedly.</li> <li>• Connect the video cable into the jacks securely. Refer to your television owners manual.</li> <li>• Verify the connection from the DVD video output to the TV video input. Then switch TV to appropriate mode (Video 1, Video 2, etc.).</li> </ul>
No sound	<ul style="list-style-type: none"> <li>• Connect the audio cables into the jacks securely.</li> <li>• Verify the connection from the DVD audio output to the TV or receiver audio input. Then switch to the appropriate input source on the receiver. Refer to your audio amplifier owners manual for specific instructions.</li> </ul>
A red picture on screen	<ul style="list-style-type: none"> <li>• Press <b>STOP</b> button then press the <b>I/P</b> button on your remote control repeatedly.</li> </ul>
Black & White picture	<ul style="list-style-type: none"> <li>• Incorrect connection of component video cables</li> <li>• Damaged S connector (bent pin), check for bent pins on your S-Video cable.</li> <li>• Press <b>STOP</b> button, then press <b>I/P</b> button on remote repeatedly.</li> </ul>
The playback picture has occasional distortion	<ul style="list-style-type: none"> <li>• Picture distortion may appear because of a poor quality video/sound transfer. Wipe with a soft clean cloth top remove fingerprints or other residue.</li> <li>• A scratched disc may disrupt or interfere with the video signal</li> </ul>
Brightness is unstable or noises are produced on playback pictures	<ul style="list-style-type: none"> <li>• Connect the DVD player directly through the TV and not through any other source like a VCR. What you're viewing is the effect of the copy protection circuitry required on all DVD players.</li> </ul>
My television does not have video inputs	<ul style="list-style-type: none"> <li>• You must purchase an RF adapter from your local dealer. RF adapters are also available for purchase online at <a href="http://www.shop-apex.com">www.shop-apex.com</a></li> </ul>
The DVD video player does not start playback	<ul style="list-style-type: none"> <li>• Place the disc with the graphics side up.</li> <li>• Place the disc on the disc tray correctly inside the guides.</li> <li>• Turn the power off then disconnect the power plug. Reinsert it back into the wall and retry again.</li> <li>• Make sure the disc is free from scratches &amp; fingerprints.</li> <li>• Press the <b>SETUP</b> button to turn off the menu screen.</li> <li>• Cancel the parental lock function or change the parental lock level. (The Pre-set password is 3308.)</li> <li>• Use region 1 discs only.</li> </ul>
MP3 won't read disc or it skips	<ul style="list-style-type: none"> <li>• Reburn disc as the software edition used may not be compatible with the player. Check web site for instruction.</li> <li>• When burning discs, use the ISO 9660 type format. This option is typically in the preference settings section of your burning software. If using ADAPTEC 3.5 or higher set to mode 1.</li> </ul>
The remote control does not work properly	<ul style="list-style-type: none"> <li>• Replace the batteries with new ones.</li> <li>• Point the remote closer to the unit. Remove any obstructions and reposition bright lights that may be reflecting off of the player.</li> </ul>

Apex Digital, Inc.  
Walnut, CA 91789

**APEX**  
DIGITAL

# DVD Player



**AD1118**

## User Manual

Register your product at [www.apexdigitalinc.com](http://www.apexdigitalinc.com)

come *play* with us  
[www.apexdigitalinc.com](http://www.apexdigitalinc.com)



## FCC and Safety Information

### CAUTION:

This unit employs a laser. Due to possible eye injury, only qualified service personnel should remove the cover or attempt to service this device. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

*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.*

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

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. This player displays region 1 discs only.



Never make or change connections with the power switched on.

**CAUTION: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM (WARNING LOCATION: INSIDE ON LASER COVERSHEILD)**

## TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



**CAUTION:** To reduce the risk of fire and electric shock, do not remove the cover (or back) of the unit. Refer servicing only to qualified service personnel.

### IMPORTANT SAFETY INSTRUCTIONS

In addition to the careful attention devoted to quality standards in the manufacture of your video product, safety is a major factor in the design of every instrument. However, safety is your responsibility, too. This sheet lists important information that will help to assure your enjoyment and proper use of the video product and accessory equipment. Please read them carefully before operation and using your video product.

### PROGRESSIVE SCAN OUTPUT NOTICE

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 or 625 progressive scan picture problems, it is recommended that the user switch the connection to the 'standard definition' output. If there are questions regarding our TV set compatibility with this model 525p and 625p DVD player, please contact our customer service center.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.**



## FCC and Safety Information

### IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized plug. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long period of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, or when the unit does not operate normally, or has been dropped.
15. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
16. Power cord protection: To avoid any malfunctions of the unit and to protect against electric shock, fire or personal injury, please observe the following:
  - a) Hold the plug firmly when connecting or disconnecting the AC power cord to this unit.
  - b) Do not connect or disconnect the AC power cord with wet hands.
  - c) Keep the AC power cord away from heating appliances.
  - d) Never put any heavy object on the AC power cord.
  - e) Do not attempt to repair or reconstruct the AC power cord in any way.
17. Remote dust, dirt, etc. on the plug at regular intervals.
18. If the unit has been dropped or otherwise damaged, turn off the power and disconnect the AC power cord.
19. If smoke, odors or noises are emitted from the unit, turn off the power and disconnect the AC power cord.
20. Placement: Avoid placing the unit in areas of direct sunlight, heating radiators, closed automobiles, high temperature (over 35C/95F), high humidity (over 90%), excessive dust, vibration, impact or where the surface is tilted, as the internal parts may be seriously damaged.
21. Non-use periods: When the unit is not used, turn the power off.
22. When the unit is unused for a long period of time, the unit should be unplugged from the household AC outlet.
23. No fingers or other objects inside: Touching internal parts of this unit is dangerous and may cause serious damage to the unit. Do not attempt to disassemble the unit.
24. Do not put any foreign object on the disc tray.
25. Keep away from water and magnets.
26. Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur.
27. Keep magnetic objects, such as speakers, distant from the player.
28. Stacking: Place the unit in a horizontal position and do not place anything heavy on it.
29. Do not place the unit on amplifiers or other equipment which may become hot.
30. Condensation/Moisture may form on the lens in the following cases:
  - a) immediately after a heater has been turned on.
  - b) in a steamy or very humid room.
  - c) the unit is moved from a cold environment to a warm one.
31. If moisture forms inside this unit, it may not operate properly. In this case, turn off the power and wait about one hour for the moisture to evaporate.
32. Noise interference while a broadcast is being received. Depending on the reception condition of TV, interference may appear on the TV screen while you are watching a TV broadcast, if the units is switched on. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off this unit.
33. Use of controls or adjustment or performance of procedures other than those specified here in may result in hazardous radiation exposure.
34. Polarization: This video product is equipped with a polarized alternating current line plug. This plug will fit into the power outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted without blade exposure. If you need an extension cord, use a polarized cord.

## Table of Contents

<b>FCC and Safety Information</b> .....	1
<b>Table of Contents</b> .....	3
<b>Introduction to your Player</b> .....	5
What's in the Box? .....	5
Care of the Disc .....	5
<b>Getting Started</b> .....	6
<b>Remote Control Battery Installation</b> .....	6
<b>Remote Control Overview</b> .....	7
<b>Front &amp; Rear Panel Overview</b> .....	8
Front Panel View .....	8
Rear Panel View .....	8
<b>How to Connect Your Player To A Television</b> .....	9
<b>How to Connect Your Player To An Amplifier/Receiver</b> .....	10
<b>How to Play a Disc</b> .....	12
<b>Function Buttons</b> .....	12
Power ON/OFF .....	12
Open/Close Disc Tray .....	13
Play, Pause/Step, Stop Function .....	13
Skip Forward/Backward .....	13
Search Forward/Backward .....	14
Slow Forward .....	14
Select an item in the Menu .....	14
On Screen Display Menu .....	15
Disc/Title Menu .....	15
GOTO a desired selection .....	15
Repeat .....	16
A-B Repeat .....	17
Numeric Key Pad/Direct Program access .....	17
Multi-Angle .....	17
I/P Progressive Scan .....	18
Multi-Subtitle .....	18
Multi-Audio Soundtrack .....	18
AFF (Active Full Screen Function) .....	19
Zoom .....	19
Mute .....	19
Volume Up/Down .....	20
Shuffle Play .....	20

## Table of Contents - Continued

<b>What is MP3?</b> .....	21
About MP3 .....	21
<b>Program Settings</b> .....	22
CD/MP3/DVD program menu .....	22
<b>How to Play Kodak Picture CD/JPEGs</b> .....	22
<b>Setup Menu Options</b> .....	23
Language .....	23
Video Output Selection .....	23
TV Shape .....	24
Audio Output Selection .....	24
Rating .....	24
<b>Specifications</b> .....	25
<b>Limited Warranty</b> .....	26
<b>Troubleshooting Guide</b> .....	BACK COVER

## Introduction to your Player

Thank you for purchasing your new Apex Digital AD 1118 DVD Player. It is designed for you to enjoy most forms of disc media and "at-the-movies" picture quality with cinema quality sound.

Your new player also supports CD and MP3. It has several enhanced features including S-Video output, Parental Control, and Kodak Picture CD to view your digital photo files in a slide show presentation. The Progressive Scan feature will provide a "film-like" video quality when connected to newer EDTV and HDTV sets that incorporate Progressive Scan technology with component video inputs.

Disc Types	DVD	CD
Capacity	Single-layer / Single side 4.7GB = 2 hr Single-layer / Double sides 9.4GB = 4.5 hr Double-layers / Single side 8.5GB = 4 hr Double-layers / Double sides 17GB = 8 hr	650MB = 74min
Disc Size	12 cm/8 cm	12 cm/8 cm
Subtitles	32	
Soundtracks	8	
Format Logo		

**Note:** Apex Digital inc, shall not be responsible for damage that may occur to a disc from being operated in the player.

**Due to unforeseen software compatibility issues, certain forms of disc media may not playback properly. This includes compressed media formats, i.e. MP3, JPEG files.**

### DVD features symbols:

Each DVD disc contains various features depending on production of the disc. Below are some of the symbols representing the features:

Regional Code/Video output system		DVD Discs are manufactured under a worldwide agreed upon "DVD Regional Code System". This player is designed for playback of Region 1 discs only, for use in Canada and USA.
Dolby Digital Surround		
Number of Audio Tracks		
Number of Subtitles		
Screen Format		
Child Lock		
Angle Indicator		



The player has built in copyright protection technology that prevents copying from a DVD disc to any media.

If a video recorder is connected to the player, the video output image will be distorted during recording.

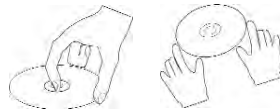
## What's in the Box?

- DVD Player (AD 1118)
- RCA Audio/Video Cables (1 Pr)
- Remote Control (1)
- AAA Battery (2)
- User Manual (1)
- Accessory Store Insert Card (1)
- EZ Hook Up Guide (1)
- Things You Should Know Insert (1)

## Care of the Disc

A video disc contains high density compressed data that requires proper Handling.

Hold the disc's outer edge and/or the center spindle hole. Do not touch the disc surface if at all possible.



Do not bend or press on the disc. Do NOT expose the disc to direct sunlight or heating sources.



Store discs in a cabinet vertically, in a dry location. Prevent exposure to:

- Direct sunlight
- Heat or exhaust from a heating device.
- Extreme humidity.

Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently, from center toward the outer edge.

Do not apply thinner, alcohol chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

Do not attach paper or tape to the disc. A video disc contains high density compressed data that requires proper Handling.

## Getting Started

-Unpack the unit and save the box and packing for the duration of the warranty period in the event you may need to ship the unit to us for repair.

-Read through this owner's manual, EZ Guide, and "Things You Should Know" insert before installation and use.

-Load batteries into the remote control unit and verify batteries are installed correctly.

-Connect the player to your TV, make sure the connections are secured.

-Connect the power plug to the AC power outlet.

### NOTE:

Certain features contained in this DVD player are related to the DVD disc's software.

Check the features printed on the disc's packaging or follow the instructions of the disc's on-screen menu.

## Remote Control Battery Installation

Remove the battery compartment cover.

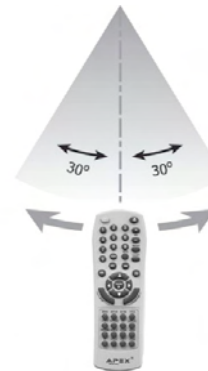
Load two fresh AAA batteries into the battery compartment.

Make sure that the batteries have been inserted properly, matching to the symbols +, - marked in the battery compartment. Close the battery compartment cover.

When replacing batteries, replace both of them. Do not mix new and used batteries together, otherwise, battery life will be much shorter than normal.



Remote Sensor Within approximately 6 meter (20 feet)

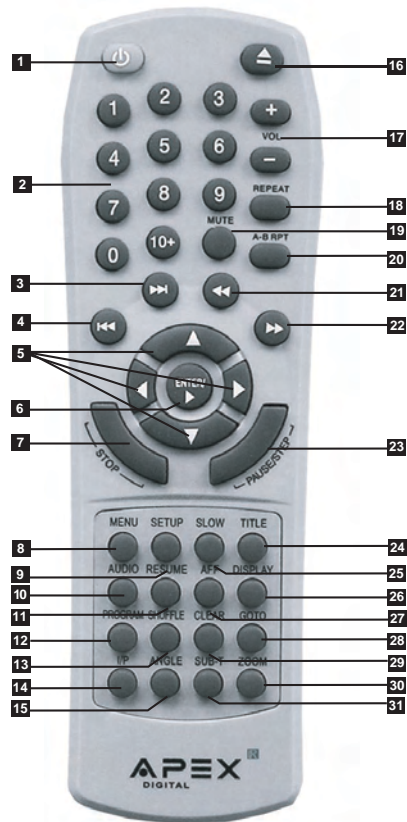


The remote control transmits a directional infrared beam. Be sure to aim the remote control directly at the infrared sensor of the unit during operation.

If the sensor has been covered or there is an obstruction, the remote may not respond.

The sensor may not be able to receive the remote signal when it is exposed to direct sunlight or a strong artificial light (fluorescent or strobe light). In this case, change the direction of the light or reposition the unit to avoid direct lighting.

## Remote Control Overview



- 1 Standby (Turn player on/off after engaging power button on unit) p12
- 2 Numeric Entry Pad p16,17
- 3 Skip Forward p13
- 4 Skip Backward p13
- 5 Direction Keys p12,14,16,18,19,22,23
- 6 Enter/Play p12,13,14,16,18,22,23,24
- 7 Stop p13,18
- 8 Menu p15
- 9 Setup p23,24
- 10 Audio p18
- 11 Resume
- 12 Program p25
- 13 Shuffle p20
- 14 I/P (S-Video/Interlace/Progressive Scan) p9,18
- 15 Angle p17,22
- 16 Disc Tray Open/Close p12,13
- 17 Volume Adjust +/- p20
- 18 Repeat p16
- 19 Mute p19
- 20 A-B Repeat p17
- 21 Search Backward p14
- 22 Search Forward p14
- 23 Pause/Step p13
- 24 Title p15
- 25 Slow p14
- 26 Display p15
- 27 AFF p19
- 28 GoTo p15,16
- 29 Clear p15
- 30 Zoom p19
- 31 Subtitle p18

### Important:

Certain features of this DVD player may not operate if the disc does not support the feature, or requires special settings.

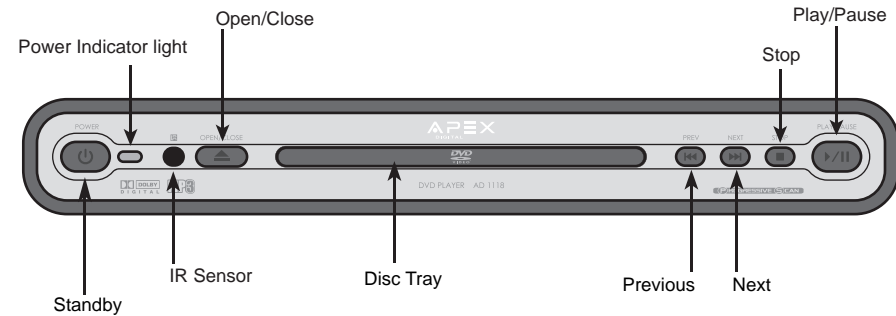
Check the feature content printed on the disc's packaging.

### \*\*NOTE:

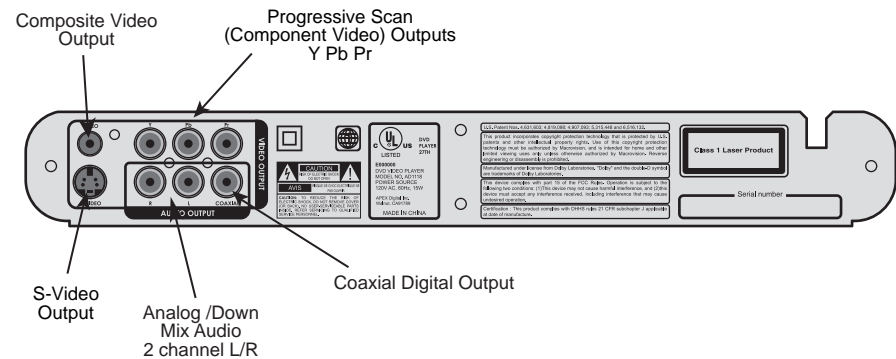
The remote control transmits a directional infrared beam. Be sure to aim the remote control directly at the infrared sensor during operation. When the sensor is covered or there is a large object between the remote control and the sensor will not receive a signal. The sensor may not be able to receive signals properly when it is exposed to direct sunlight or strong artificial light (such as a fluorescent or strobe light). In this case, change the direction of the light or reposition the unit to avoid direct lighting.

## Front & Rear Panel Overview

### Front Panel View



### Rear Panel View

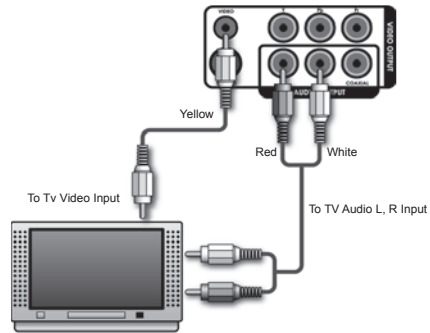




## How to Connect Your Player To A Television

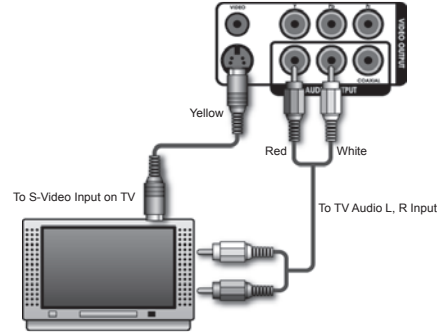
The AD 1118 is ready for use simply by connecting to your TV using the composite or S-Video diagrams below (S-Video cable not included).

### Good - Composite



Connect the supplied video (yellow) and audio (red & white) cables as shown. To view, cycle through your TV input sources from your TV remote (Video 1, 2, etc.) to select the source that your DVD player is connected to.

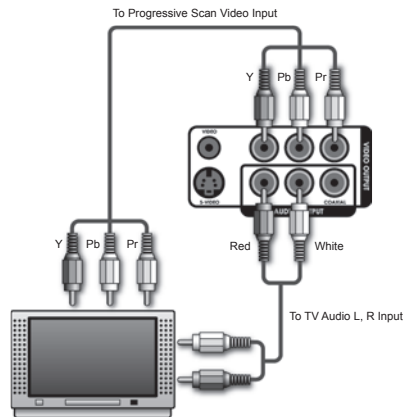
### Better - S-Video



For better quality, connect the DVD video player with an optional S-Video cable if the TV has an S-Video input. Do not connect the yellow video cable if using an S-Video cable. Connect the supplied audio (red & white) cables as shown. To view, cycle through your TV input sources from your TV remote (Video 1, 2, etc.) to select the source that your DVD player is connected to. If there is no picture present, remove any disc from the player. Press the **I/P** button on your DVD player's remote control repeatedly to access the S-Video Mode.

### Best - Component

The AD 1118 incorporates the Progressive Scan feature for use with HDTV/EDTV sets for the best possible video quality. Check your television manual for compatibility to utilize this feature.



Connect the optional Component (Y, Pb, Pr) video cables and audio (red & white) cables to your HDTV/EDTV set as shown. To view, cycle through your TV input sources from your TV remote (Video 1, 2, etc.) to select the source that your DVD player is connected to. Press **STOP** button then press **I/P** button repeatedly.

#### IMPORTANT:

**Do not connect the Component (Y, Pb, Pr and S-Video) connectors simultaneously.**

Note: Use the interlaced setting when using a standard TV. If you view a black and white distorted picture on your TV, press **I/P** (your installation may be interlaced and it may have been put into Progressive Scan Mode by mistake).

Note: Your Apex DVD Player is equipped with Progressive Scan Output (Y, Pb, Pr / Component Video Outputs) otherwise known as 480P (P=Progressive). The 480P image offers the best quality picture and eliminates virtually all motion artifacts. This feature is designed for newer EDTV or HDTV sets only.

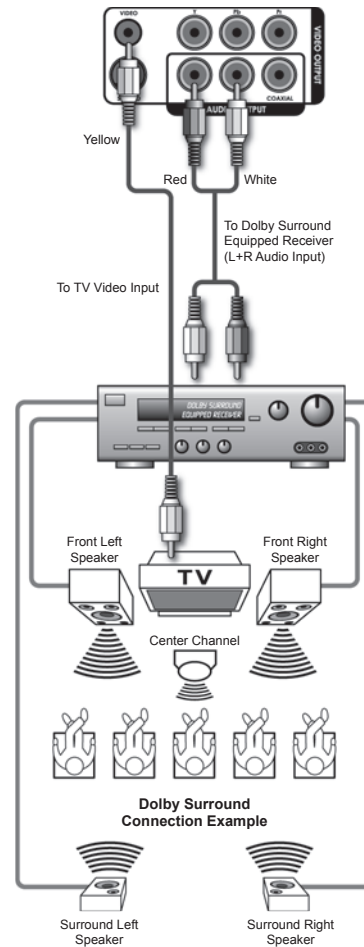
Note: To switch back and forth between Interface and Progressive Video Mode, press **I/P** on your remote control to cycle between the three modes. Please refer to page 18 in this manual to learn more about this function.

## How to Connect your Player To An Amplifier/Receiver

For cinema quality sound, connect the audio cables directly to your home theater equipment for maximum audio enjoyment.

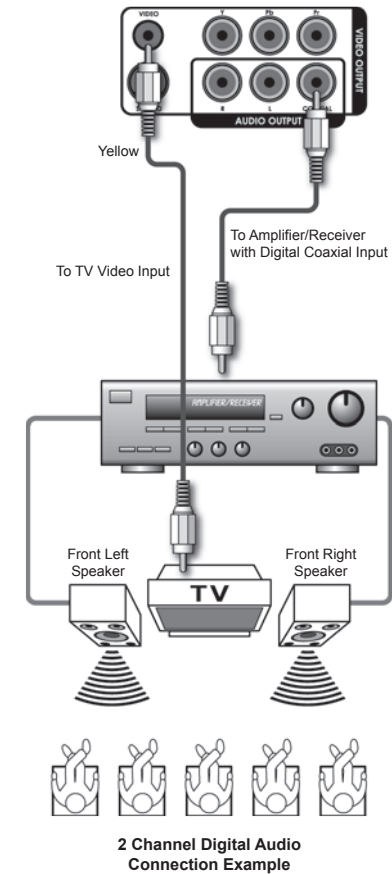
### Good

Enjoy the dynamic and realistic sound of Dolby Pro Logic Surround by connecting an amplifier and speaker system (right and left front speakers, a center speaker, and one or two rear speakers).



### Better

Enjoy the dynamic sound of 2 Channel Digital Audio by connecting an amplifier equipped with a coaxial digital input (coaxial cable sold separately).



(Continued on p 11)

## How to Connect your Player To An Amplifier/Receiver -Continued

### Best

Dolby Digital can deliver surround sound with five discrete full range channels plus a sixth channel for a subwoofer. You can enjoy your APEX DVD with a Dolby Digital equipped home theater system. All you need is to connect your DVD player to a Dolby Digital receiver or a Dolby Digital Ready receiver with an external decoder. Connect the Digital (RCA) Coaxial output of your player to Digital (RCA) Coaxial input of the amplifier.

#### How to setup the digital output:

From the "Audio setup page", set "Digital Out" to "RAW" with DIRECTION buttons and then press ENTER/PLAY.

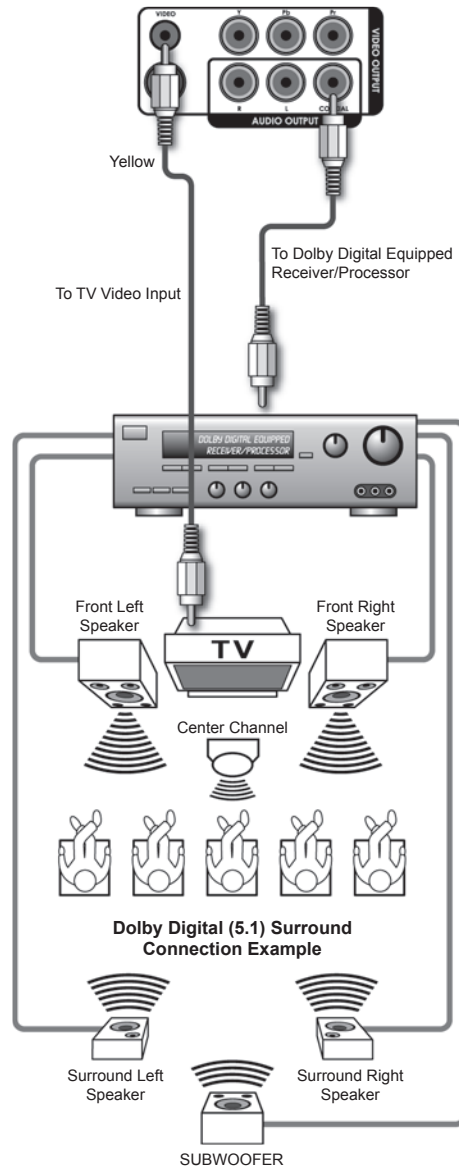
#### IMPORTANT:

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 is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

It is forbidden by law to copy, broadcast, show, 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.

Dolby and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. 1992-1997 Dolby Laboratories, Inc. All rights reserved.



## How To Play A Disc

### Turn on the player

Push the main **POWER** button to turn on the DVD unit. Once on, you may wish to use the Standby button from your remote to turn the unit on or to Standby Mode, which places the player in to a low powered sleep mode when not in use.

### Turn on your TV (Home Theater System)

Select the corresponding inputs on your TV (Video 1, Video 2, etc.). If connected through an amplifier/receiver, cycle through your Home Theater System's audio input sources (audio 1, audio 2, etc.) and locate the input assigned to your DVD player.

### Load a disc

Press **OPEN/CLOSE** button on the remote control (or front panel) to open the disc tray. Insert disc label side up. Press **OPEN/CLOSE** button or **PLAY** button. The disc will initiate. When the Movie Menu appears on screen, press **ENTER/▶** or a **DIRECTION KEY** to select the desired feature in the menu. Press **ENTER/▶** button on the remote (or on the unit) to start playback of the DVD.

**NOTE:** Place the disc's label side up, blank side down.



Press a **DIRECTION KEY** to select the desired feature in the movie menu, and then press the **ENTER/▶** button to confirm a selection.

#### NOTE:

Normally, when a MP3 disc is loaded, the unit will take a longer time to download the initial data. A DVD disc that does not match the region code cannot be played by this player. This DVD player will play Region 1 DVDs only.

To return to the disc's Main Menu, press the **MENU** button on the remote.

Do not load a disc upside down.

## Function Buttons

### Standby



Make certain the **POWER** button is engaged on the player front panel.

Press the **STANDBY** button to turn on the unit or off (low powered Sleep Mode).

#### \*\*NOTE:

(Always) remove the disc when not in use.

## Function Buttons - Continued

### Open/Close Disc Tray



To open and close the disc tray:  
Press **OPEN/CLOSE** button on the remote or **OPEN/CLOSE** button on the front panel.

### Play, Pause/Step, Stop Functions



To Play:  
Press **ENTER/▶** button to play the disc.

To Pause:  
When DVD is playing, press **PAUSE/STEP** button to pause. Note that the picture is now in a still-frame mode.

Step (frame by frame):  
While DVD is in pause mode, press **PAUSE/STEP** button to step forward frame by frame. Press **ENTER/▶** to resume normal playback.

To Stop:  
Press the **STOP** button to stop in two modes:  
a) Press Once: The DVD will stop. Resume where you left off by pressing **ENTER/▶** button.  
b) Press Twice: The DVD will stop. Once **ENTER/▶** is pressed, the DVD will initiate from its beginning start point.

**\*\*NOTE:**  
**STOP** button memorizes the last video frame displayed. (To resume, press **ENTER/▶** button).

### Skip Forward/Backward



Press **▶▶** button to skip forward to the next chapter/track.

Press **◀◀** button to skip backward to the previous chapter/track.

*Player will not advance or reverse during the "WARNING" section of a disc.*

## Function Buttons - Continued

### Search Forward/Backward



Press **▶▶** button to search forward rapidly.

Press repeatedly to change search speed.

▶▶ 2x ▶▶ 4x ▶▶ 8x ▶▶ 20x ▶▶ Play

Press **◀◀** button to search backward rapidly.

Press repeatedly to change search speed.

◀◀ 2x ◀◀ 4x ◀◀ 8x ◀◀ 20x ◀◀ Play

*Player will not advance or reverse during the "WARNING" section of a disc.*

### Slow Motion Forward



Press the **SLOW** button to play in a slow motion mode.

Press repeatedly to change slow forward speed.

▶▶ 1/2 → ▶▶ 1/4 → ▶▶ 1/6 → ▶▶ 1/7 → Play

Press **ENTER/▶** button to resume normal playback

**NOTE:** The unit is muted during slow motion forward.

### Select an item in the Movie Menu



**While in the Movie Disc Menu or in Setup Mode:**

Press **DIRECTION KEYS** to navigate through the listed content on your DVD.

Press **ENTER/▶** button to confirm a selection.



## Function Buttons - Continued

### On Screen Display Menu



Press **DISPLAY** button to switch the **OSD** (On Screen Display) on or off while the disc is playing to get more detailed playback information.

This will provide you with current information about the disc you are playing. (i.e. elapsed time of play, remaining time of play, etc.).

**\*\*NOTE:** There are several different OSD indicators for each disc format: DVD, CD, MP3, and Picture CD.

### Disc / Title Menu



The Movie **Disc Menu** is a DVD disc feature, allowing the user to select the content on screen available and special features.

Press **MENU** button to return to the Movie Menu.

Press **TITLE** button to return to the DVD disc Title.

*Disc Title is the beginning track of a DVD disc.*

**\*\*NOTE:** Most DVD discs may not respond to the "TITLE" function.

### GOTO a desired selection



*This function does NOT apply to MP3*

Press the **GOTO** button to play your disc at a desired Title, Chapter or Time location on the DVD.

Press the **CLEAR** button to cancel an entry.

(Continued on next page)

## Function Buttons - Continued

### DVD Disc

Press the **GOTO** button to select **GOTO** mode.

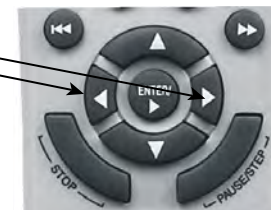
Press the **LEFT/RIGHT DIRECTIONS KEYS** to highlight a desired item.

#### Search Within a Chapter

**Time** --:--:--      Input time hh:mm:ss  
 (Hour : Minute : Second)

**Title/Chapter** ---/---      Input title / chapter number

Press **ENTER/▶** button



### CD Disc

Press the **GOTO** button to enter the Track Search mode.

Press the **GOTO** button again to enter Disc Search mode.

#### Track Search

**Disc Search** --:--:--      Input time hh:mm:ss  
**Within a Track**      (Hour : Minute : Second)

**Track** ---      Input track number XXX  
 (Track Number)

Press **ENTER/▶** button.

### Repeat

#### DVD Disc

Press the **REPEAT** button sequentially to reach the desired repeat mode (see below).

**Repeat Chapter**      Repeat the Chapter  
**Repeat Title**      Repeat the Title  
**Off**      Repeat function off

#### CD Disc

**Repeat Single**      Repeat the selected track  
**Repeat All**      Repeat All  
**Off**      Repeat function off

#### MP3 Disc

**Repeat Single**      Play the selected file  
**Repeat All**      Repeat All  
**Off**      Repeat function off



**\*\*NOTE:** Certain DVD discs may not allow **GOTO** functionality. **GOTO** does NOT function during program playback.

**\*\*NOTE:** Certain DVD discs may not allow Repeat functionality

## Function Buttons - Continued

### A-B Repeat

To repeat playback of a desired section of a disc:

- 1) Press the **A-B RPT** button at the beginning of the desired section, "A".
- 2) Press the **A-B RPT** button again at the end of the desired section, "B".

The player will repeat playback of the section from point A to point B.

Press the **A-B RPT** button again to cancel the function and return to normal play.



**\*\*NOTE:**  
Certain DVD discs may not allow A-B RPT Repeat functionality.  
A-B RPT function does not apply to MP3 disc.  
The period between A and B should be atleast 3 secs.

### Numeric Key Pad / Direct Program access

Press the numeric key pad to input data for programming, time, track, or chapter searches.

**\*\*NOTE:** Certain DVD discs may not allow direct access functionality.



### Multi-Angle



Certain DVD discs may contain specially featured scenes that are shot simultaneously from a number of different angles. For these discs, the same scenes can be viewed from each of these different angles using the **ANGLE** button (The recorded angles vary depending on the disc programmed).

If a DVD disc contains Multi-Angle material, viewing angles may be selected:

During playback, repeatedly press the **ANGLE** button to select the desired viewing angle. Status will be displayed on screen.

A DVD disc may contain up to 9 selectable viewing angles.

## Function Buttons - Continued

### I/P Progressive Scan

The player is equipped with three modes of video output (For the 3 connection options available to you, see p 9):

- 1) S-Video / Composite Video (Default Setting)
- 2) Interlace component (for non HDTV sets with component input)
- 3) Progressive Scan component \*

\*For use with ED/HDTV to produce a "film-like" quality DVD presentation.

Press **STOP** button then press **I/P** button on the remote control repeatedly to display a signal based on your connection from your DVD player to TV.



**\*\*NOTE:**  
Only 1 output (S-Video, Interlace component, or Progressive Scan component) may be used at one time. Interlace component and Progressive Scan component use the same video output jacks named Y, Pb, Pr. Typically, EDTV or HDTV sets support a Progressive Scan video input providing a more desirable "film-like" quality.

### Multi-Subtitle



If a DVD disc contains the Multi-Subtitle feature, a subtitle may be selected:

While in playback mode, repeatedly press the **SUB-T** button to select the desired subtitled language. Status will be displayed on screen.

**\*\*NOTE:**  
A DVD disc may contain up to 32 subtitle selections.

### Multi-Audio Soundtrack



If a DVD disc contains a Multi-Audio Soundtrack feature, Audio Language can be selected:

During playback, repeatedly press **AUDIO** button to select the desired audio language. Playback status will be displayed on screen.

In most cases, an Audio Soundtrack selection will be displayed on a DVD disc start up menu. Press the **DIRECTION KEYS** to select **ENTER/▶** button to confirm.

**\*\*NOTE:**  
A DVD disc may contain up to 8 audio language selections.

## Function Buttons - continued

### AFF (Active Full Screen Function)



**AFF** (Active Full Screen Function) allows you to fill the TV screen viewing area when playing a widescreen formatted DVD on a standard 4:3 television. Depending on the aspect ratio of the DVD presentation, the size of the black bars may vary.

Press **AFF** button to eliminate or reduce the black bars on the top and bottom of the screen.



### Zoom



**In DVD mode**

Press the **ZOOM** button to enlarge viewable picture.

Press the button sequentially to change the zoom scale:

Press the **DIRECTION KEYS** to navigate within the zoomed area.

**\*\*NOTE:** The picture quality is degraded as the picture is zoomed.

### Mute



To mute or temporarily turn off sound:

Press the **MUTE** button

Press again to resume normal sound output.

## Function Buttons - Continued

### Volume Up/Down



While playing back a disc,

Press the **VOLUME** button - or +  
to adjust the volume output

Volume level will display on screen.

### Shuffle Play



To play back chapters or tracks of a CD or DVD concert disc in a non-specific, random order:

Press **SHUFFLE** button

Press **SHUFFLE** button twice  
To cancel the function and return to normal mode.

## What is MP3?

This player is compatible with the following disc formats:

DVD  
CD-DA  
CD-MP3  
Kodak Picture CD  
CD-R / CD-RW\*

### About MP3

MP3 (MPEG 1, Audio Layer 3) is a digital audio format for quick downloading files that sound similar in performance to CDs. MP3 uses entropy encoding to reduce the number of redundant sounds in an audio signal to a minimum. It takes music from a CD and reduces it by a factor of 12, with no noticeable loss of quality. Whereas a typical CD holds only 74 minutes of music you can store over 130 songs with MP3.

#### Disc information

Sampling rate should be 44.1 kHz and bit rate is recommended within the range from 128 Kbps to 256 Kbps, in order to achieve the best performance. In general, higher quality settings result in larger file sizes.

Sampling rate	Bit rate	Quality
44.1 kHz	56 Kbps	↓
44.1 kHz	64 Kbps	FM Radio Quality
44.1 kHz	80 Kbps	↓
44.1 kHz	96 Kbps	↓
44.1 kHz	112 Kbps	↓
44.1 kHz	128 Kbps	Near CD Quality
44.1 kHz	160 Kbps	Good CD Quality
44.1 kHz	192 Kbps	Better than CD Quality
44.1 kHz	224 Kbps	↓
44.1 kHz	256 Kbps	Studio Quality

#### ATTENTION:

Due to unforeseen software compatibility issues, certain forms of disc media may not playback properly. This includes compressed media formats, i.e. MP3, JPEG files.

#### TIPS FOR MAKING A GOOD MP3 CD ON YOUR COMPUTER:

- Using a good quality CD-RW/CD-R disc is recommended. Up to 650 MB (74-minute CD) or 700 MB (80-minute CD) of MP3 files can be recorded.

- Select a high quality and stable CD Recorder (writer).

- Select an advanced CD burning software.

- MP3 is data and not WAV information, therefore Mode 1 must be selected when compiling and burning your discs.

- Drag and drop must not be used to compile the disc. The player will not recognize this format.

- Select Data CD Project in your software user interface, the file system should comply with the standard ISO 9660 or Joliet. Or, select MP3 CD Project for more convenient operation.

- Finalize the CD after it is burned.

## Program Settings

Program to play a DVD, CD and MP3 disc in a desired sequence automatically.

### CD/MP3/DVD program menu

#### Load a DVD disc.

1) Press the **STOP** button and then **PROGRAM** button. The DVD program menu will appear.

2) Use the numeric keys to input the title number followed by the chapter numbers desired.

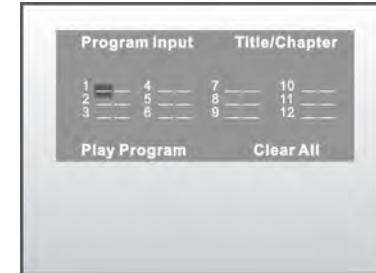
3) Use the **DIRECTION KEYS** to select the next program input. Repeat step 2) until programming is completed.

To clear the last input, press **CLEAR** button. To clear all the inputs, highlight the "Clear All" icon, press **ENTER/▶** button to confirm.

To quit the Program Menu, press **PROGRAM** button.

4) Highlight the "Play Program" icon, then press **ENTER/▶** button to start program playback.

5) Press **STOP** button twice to cancel the programming.



#### NOTE:

- Certain DVD discs do not allow programming.
- Single track discs cannot be programmed.
- The program menu will only accept title/chapter/track numbers that exist on the disc.

## Kodak Picture CD / JPEGs

Playback Kodak Picture CDs or JPEGs on the DVD player and view your pictures on your TV in a slide show presentation. Pictures will be scaled to fit within the TV screen.

Press **PAUSE/STEP** button to display an image indefinitely.

Press **ENTER/▶** button to resume the slide show.

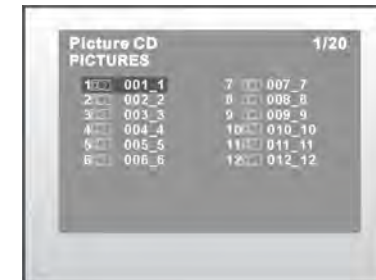
Press the **STOP** button on your remote to display the index screen. Use the **DIRECTION KEYS** (up, down, left, right) to navigate through your files.

Press the **ENTER/▶** button key to display the selection and start slide show.

Press **SKIP** button to view the next or previous picture.

Press **ZOOM** button to zoom the picture. This will stop the slide show. Press the **DIRECTION KEYS** to adjust zoom positioning.

Press **ANGLE** button to rotate the picture.



## Setup Menu Options

Various features of the player can be adjusted in the Setup Menu:

- Press **STOP**, then press the **SETUP** button.
- Setup Menu appears.
- Highlight the desired icon. Press the **ENTER/▶** button to activate the setting sub menu.

### Language

Enter this menu to setup another language in the OSD display, DVD disc subtitle, DVD disc audio and DVD disc Start Menu.

Press **STOP**, then press the **SETUP** button. Highlight "Language." Press the **ENTER/▶** button again, language sub menu appears.

Using the **DIRECTION KEYS**, highlight the desired item and press the **ENTER/▶** button. Highlight the desired item. Press the **ENTER/▶** button to confirm. Press the **SETUP** button to save the setting and exit.



**Default setting**

OSD Menu	: English
Subtitle	: Off
Audio	: English
DVD Menu	: English

### Video Output Selection

Enter this menu to setup the Video setting. Press **STOP**, then press the **SETUP** button. Navigate **DIRECTION KEYS** to highlight "Video." Press **ENTER/▶** button, Video sub menu appears.

Highlight the desired item and press the **ENTER/▶** button. Highlight the desired item. Press the **ENTER/▶** button to confirm. Press the **SETUP** button to save the setting and exit.



**Default setting**

TV Shape	4:3 PS
Closed Caption	: Off
Video Output	S-Video

- 1) TV Shape Options: If your TV is a standard 4:3 type, select 4:3LB if you desire to view widescreen (16x9) DVDs. If your TV is 16x9, select 16x9 wide.
- 2) Close Captions: Select between on and off.
- 3) Video Output: Select based on your connection from the DVD player to your TV, S-Video interlace, or Progressive (see p 9 & 18).

## Setup Menu Options - Continued

### TV shape

The aspect ratio of the picture can be varied in line with the features available on the TV in use.

#### 4:3 Letter Box

Allows you to view movies in their original aspect ratio. The entire frame of the movie will be displayed on screen but will occupy a smaller portion of the screen.



#### 16:9 Widescreen

When you connect to a widescreen TV (16:9), this setting will allow the original aspect ratio to be displayed.



#### 4:3 Pan Scan

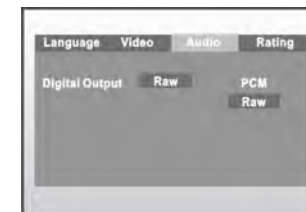
The image will fit the screen. The left and right edges of the image may be cut off from the screen.



### Audio Output Selection

Enter this menu to setup the Audio setting. Press **SETUP** button. Highlight "Audio." Press **ENTER/▶** button, audio sub menu appears.

Highlight the desired item and press **ENTER/▶** button. Highlight the desired item. Press **ENTER/▶** button to confirm. Press **SETUP** button to save the setting and quit.



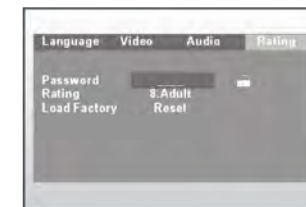
**Default setting**

Digital Output:	Raw
-----------------	-----

### Rating

Enter this menu to setup the Rating setting. Press **SETUP** button. Highlight "Rating", Press **ENTER/▶** button, rating sub menu appears.

Highlight the desired item and press **ENTER/▶** button. Highlight the desired item. Press **ENTER/▶** button to confirm. Press **SETUP** button to save the setting and quit. The pre-set password is 3308.





## Specifications

### Home DVD Video Player

Power Supply	~120V, 60Hz
Power Consumption	15W
Weight	3.7 lbs.
External Dimensions	12.7 x 2 x 9.75 inches (W/H/D)
Laser	Semiconductor Laser, wavelength 650nm

### Outputs

Video Output	1.0V(p-p), 75 Ohms, negative sync
Audio Output (digital output)	0.5V(p-p), 75 Ohms
Audio Output (analog audio)	2.0V(rms), 10K Ohms

## Limited Warranty



HOME DVD PLAYERS

90 DAYS LABOR/ONE YEAR REPLACEMENT OF PARTS

### WHO IS COVERED?

Proof of purchase is required to receive warranty service such as the original sales receipt showing original date of purchase from an authorized APEX Digital, Inc. dealer in N. America. Keep your original box and packaging in case your unit needs to be shipped to us. You will need to prepay shipping and APEX will pay the cost of shipping the unit back to you. You are required to email or call Customer Support for proper instructions to ship unit for repair. A return authorization number is required prior to acceptance by Apex. Register your product online at [www.apexdigitalinc.com](http://www.apexdigitalinc.com).

### WHAT IS COVERED?

Warranty repair from the original date of purchase: One (1) year replacement of parts; 90 day limited labor warranty coverage. If you don't have proof of purchase, your unit will be considered out-of-warranty & will be charged at a flat labor rate.

### WHAT IS EXCLUDED?

Your warranty does not cover:

- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- Product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Apex Digital, Inc.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- Incidental or consequential damages resulting from the product. (Some states do not allow the incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not.)
- Shipment and service to a NON-AUTHORIZED repair facility.

### HOW TO OBTAIN WARRANTY SERVICE?

After following the operating instructions, the Troubleshooting Guide and the FAQ pages on DVD players found at our website, [www.apexdigitalinc.com](http://www.apexdigitalinc.com).

- Should it be necessary to contact Customer Service Center directly, call (866) 427-3946 Monday through Friday, 7am to 6pm (Pacific Time). You will be instructed on how your claim will be processed.
- Have your pertinent information available including proof of purchase and a specific understanding of the complaint.
- You must obtain a Return Authorization number in order to return a product. This number must be clearly visible on the outside of the package.
- You will be provided the exact address in which to ship your product.
- You must ship the product, at your expense, within seven days of the date your Return Authorization number is issued.

### ORDERING ACCESSORIES:

You may purchase parts and accessories by visiting [www.shop-apex.com](http://www.shop-apex.com) or email/call for pricing and availability of your request.

### WHERE IS SERVICE AVAILABLE?

If you previously registered your product(s) online at [www.apexdigitalinc.com](http://www.apexdigitalinc.com) go to MY ACCOUNT and email your request. Otherwise, go to PRODUCT REGISTRATION, enter your information and submit to set up your account. Then email your request. You may also call us at (866) 427-3946 Monday-Friday, 7am-6pm (California).

*This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.*