



## PRECAUTIONS

### WARNING:

To prevent fire or shock hazard, do not expose this device to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet.

**CAUTION:** To prevent electric shock, match wide blade of plug to wide slot of outlet and fully insert.

**Protect your hearing:** Hearing experts advise against the constant use of personal stereos played at high volume. Constant exposure to high volumes can lead to hearing loss. If you should experience ringing in the ears or hearing loss, discontinue use and seek medical advice.

### FCC Statement:

this device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### Note:

This equipment has been tested and found to comply with the limits for Class B digital devices, 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

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

## 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 of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus(including amplifiers) that generate heat.
9. Do not defeat the safety purpose if the polarized or grounding- type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect 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 a 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.



Portable Cart Warning

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. 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

### CAUTION:

Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use.



**Double insulation**  
This is a class II apparatus

## IMPORTANT SAFETY INSTRUCTIONS

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

### IMPORTANT SAFE GUARDS

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.

#### Installation

1. Read and Follow Instructions-All the safety and operation instructions should be read before the video product is operated. Follow all operating instructions.
2. Retain Instructions-The safety and operating instructions should be retained for future reference.
3. Heed all Warnings-Comply with all warnings on the video product and in the operating instructions.
4. 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.
5. Power Sources-This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your video dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.
6. Overloading- Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock. Overloaded AC outlets, extension cords, frayed power cords, damaged or cracked wire insulation, and broken plugs are dangerous. They may result in a shock or fire hazard. Periodically examine the cord, and if its appearance is dicated damage or deteriorated insulation, have it replaced by your service technician.
7. Power- Cord Protection- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the video product.
8. Ventilation- Slots and openings in the case are provided for ventilation to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or heat register. This video product should not be placed in a built-in installation such as a book case or rack, unless proper ventilation is provided or the video product manufacturer's instructions have been followed.
9. Attachments- Do not use attachments unless recommended by the video product manufacturer as they may cause hazards.
10. Water and Moisture- do not use this video product near water for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool and the like. Caution: Maintain electrical safety. Powerline operated equipment or accessories connected to this unit should bear safety certification mark on the accessory itself and should not be modified so as to defeat the safety features. This will help avoid any danger and should not be modified so as to defeat the safety features. This will help avoid any potential hazard from electrical shock or fire. If in doubt, contact qualified service personnel.
11. Accessories- Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult as well as serious damage to the video product. Use this video product only with a cart, stand, tripod, bracket, or table recommended by the manufacturer's or sold with the video product. Any mounting of the product should follow the manufacturer's instructions and use of a mounting accessory recommended by the manufacturer.
12. A video product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the video product and cart combination to overturn.  
Note to CATV system installer  
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.
13. Outdoor Antenna Grounding- If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No.70-1984 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
14. Power Lines- An outside antenna system should not be located in the vicinity of overhead power lines, other electric light or power circuits, or where it can fall in to such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching or approaching such power lines or circuits, as contact with them might be fatal. Installing an outdoor antenna can be hazardous and should be left to a professional antenna installer.

#### Use

15. Cleaning- Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft dry cloth for cleaning.
16. Objects that may touch dangerous voltage points or "short-out" parts could result in a fire or electric shock. Never spill liquid of any kind on the video product.

17. Lightning- For added protection for this video product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power line surges.

#### Service

18. Servicing- Do not attempt to service this video product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
19. Conditions requiring service- unplug this video product from the wall outlet, refer servicing to qualified service personnel under the following conditions:
  - A. When the power-supply cord or plug is damaged.
  - B. If liquid has been spilled, or objects have fallen in to the video product.
  - C. If the video product has been exposed to rain or water.
  - D. If the video does not operate normally by following the instruction manual. Adjust only those controls that are covered by operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.
  - E. If the video product has been dropped or cabinet has been damaged.
  - F. When the video product exhibits a distinct change in performance- this indicates a need for service.
20. Replacement Parts- When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the original parts. Use of replacements specified by the video product manufacturer can prevent fire, electric shock, or other hazards.
21. Safety Check- Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks recommended by the manufacturer to determine that the video product is in safe operating condition.
22. Wall or Ceiling Mounting- The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
23. Heat- The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that products heat.

## FEATURES

Plays DVD, DVD+R/RW, CD, CD-R/RW.

### TV format:

PAL / NTSC color system  
4:3 / 16:9 screen format selection

### Video output:

Composite Video output

### Audio output:

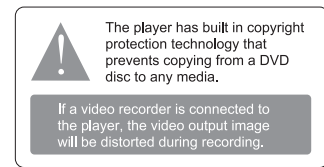
Down-mix stereo output  
Digital audio output (coaxial)  
Dolby Digital output

### DVD features:

Multi Subtitle selection  
Multi Language selection  
Multi Angle selection

### Other features:

On screen display menu  
Digital zooming  
Slow motion  
Parental control  
JPEG picture view



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# INTRODUCTION

## About DVD






DVD (Digital Versatile Disc) is a digital video medium under the MPEG II format, featuring a variety of revolutionary entertainment capabilities. The MPEG II video compression technology provides capacity for an excellent picture of minimum 500 lines resolution on screen, up to 8 language soundtracks, up to 9 views from different camera angles and up to 32 language subtitles (provided by the DVD disc itself which supports these features).


### Disc information

Disc types	DVD	CD
Decoding Method	Digital / MPEG II	Digital
Capacity	Single-layer / Single side 4,7GB=2hr Single-layer / Double sides 8,5GB=4hr Double-layers / Single side 9,4GB =4,5 hr Double-layers / Double sides 17GB = 8 hr	650MB = 74min
Disc size	12cm / 8cm	12cm / 8cm
Horizontal Resolution	500 lines up	-
Sub-titles	32	-
Sound tracks	8	1
Symbol		

### DVD features symbols

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

-  Number of Audio Tracks
-  Screen Format
-  Number of Subtitles
-  Zoom
-  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.

### REMARK

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

Some features cannot be performed if the disc does not support the feature, or requires special settings.

Check the features printed on the disc's packing or follow the instructions of the Disc's on screen menu.

1

## Select a DVD disc

### DVD Region Code

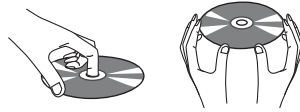
DVD discs and DVD players are manufactured under the worldwide agreed DVD Regional Code System that the player will operate only with corresponding disc of the same Regional Code.

Region code	Region
1	Canada, USA
2	Europe (incl. Poland, Romania, The Czech republic), Japan, Middle East (incl. Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (incl. HongKong, Taiwan, South Korea), South-East Asia
4	Australia, Caribbean, Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan, Turkmenistan
6	China

### Care of disc

Video disc contains high-density compressed data that needs proper handling

- Hold the disc with fingers. Hold the disc's outer edge and/or the center spindle hole. Do not touch the disc surface.



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



- Store discs in cabinet vertically, in dry condition. 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, radially, 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.

# INTRODUCTION

The player is compatible to the following disc types:

**DVD single sided / double sided  
single layered / double layered**

**CD-DA**

**CD-R / CD-RW\***

**PICTURE CD**

**\*NOTE:** Some PC application files on CD-R or CD-RW **CANNOT** be accepted by the unit, e.g. CD-ROM under PC Windows, etc. (CD-R/CD-RW writing format may be different, some discs are not compatible)

### Invalid disc

The following discs are **NOT** compatible with the DVD player:

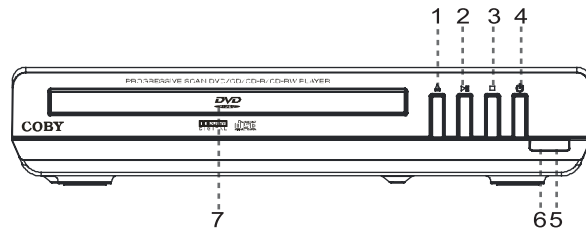
- DVD discs with a Region code that does not match the player's Region code. The player will not recognize the format. (Check the disc's region code printed on the disc packaging Region code "ALL" will be acceptable by all players.)
- Some DVD discs that were purchased outside the application country
- PC application on CD-R/CD-RW
- CD-ROM for PC interface only

2

# INTRODUCTION

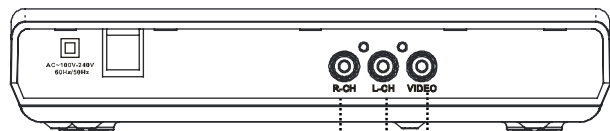
## About the player

### Front panel



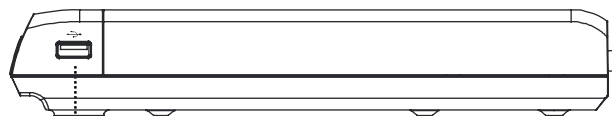
- 1. Open/Close Button
- 2. Play/Pause Button
- 3. Stop Button
- 4. Power ON/OFF Button
- 5. Remote Control Sensor
- 6. Power Indicator
- 7. Disc Tray

### Rear panel



Audio R Audio L Composite Video Output (Interface)

### Right panel



USB Port

Manufactured under license from Dolby Laboratories. Dolby and the double-Dsymbol are trademarks of Dolby Laboratories.

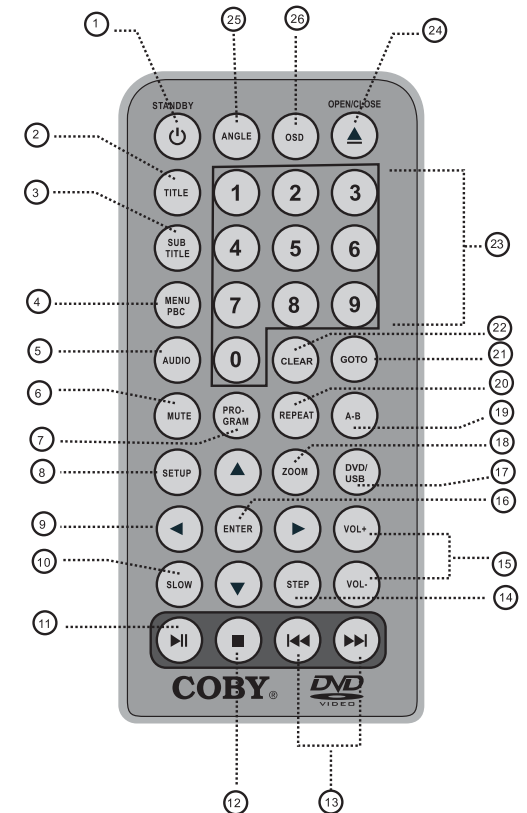
Apparatus Claims of U.S. Patent NOs 4,631,603; 4,577,216; 4,819,098; 4,907,093 and 6,516,132 licensed for limited viewing uses only.

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.

# INTRODUCTION

## Remote control

- 1. STANDBY button
- 2. TITLE button
- 3. SUBTITLE button
- 4. MENU PBC button
- 5. AUDIO button
- 6. MUTE button
- 7. PROGRAM button
- 8. SETUP button
- 9. CURSOR buttons
- 10. SLOW button
- 11. PLAY/PAUSE button
- 12. STOP button
- 13. FF/REW buttons
- 14. STEP button
- 15. VOLUME buttons
- 16. ENTER button
- 17. DVD/USB button
- 18. ZOOM button
- 19. A-B button
- 20. REPEAT button
- 21. GOTO button
- 22. CLEAR button
- 23. NUMERIC buttons
- 24. OPEN/CLOSE button
- 25. OSD button
- 26. ANGLE button

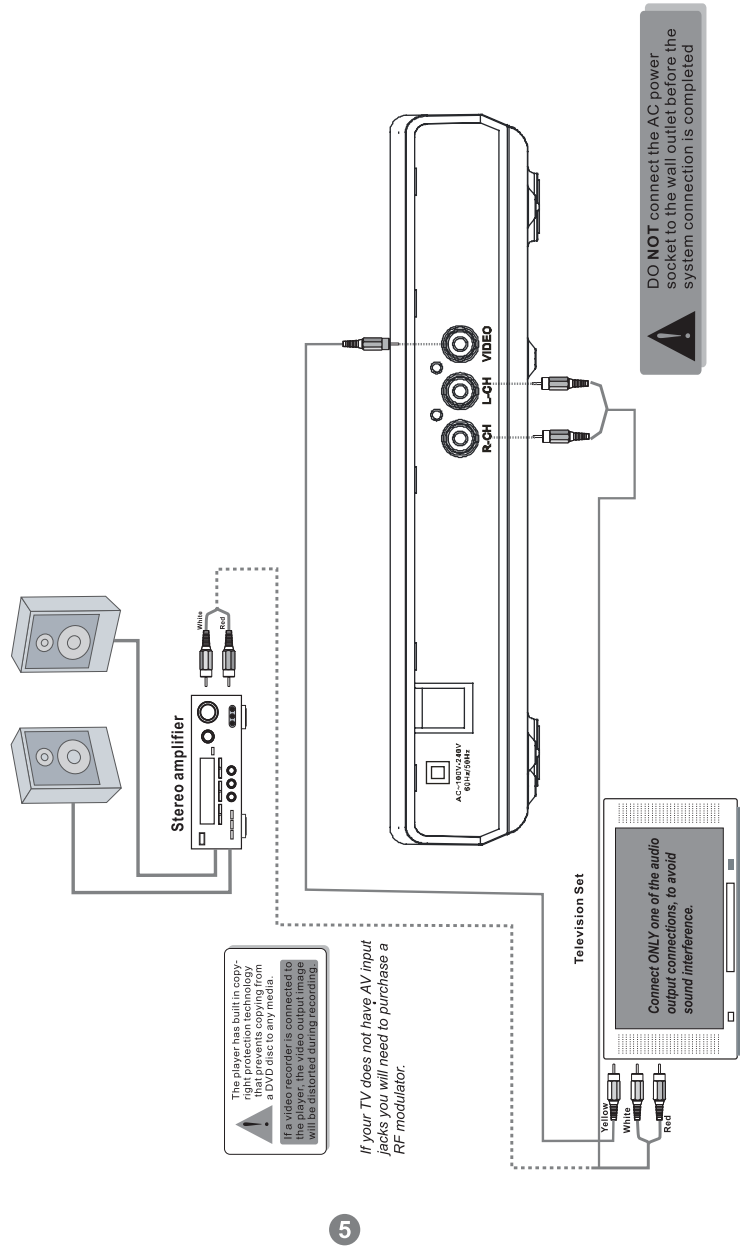


### Notes

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, the sensor cannot receive signals. The sensor may not be able to receive signals properly when it is exposed to direct sunlight or a 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.

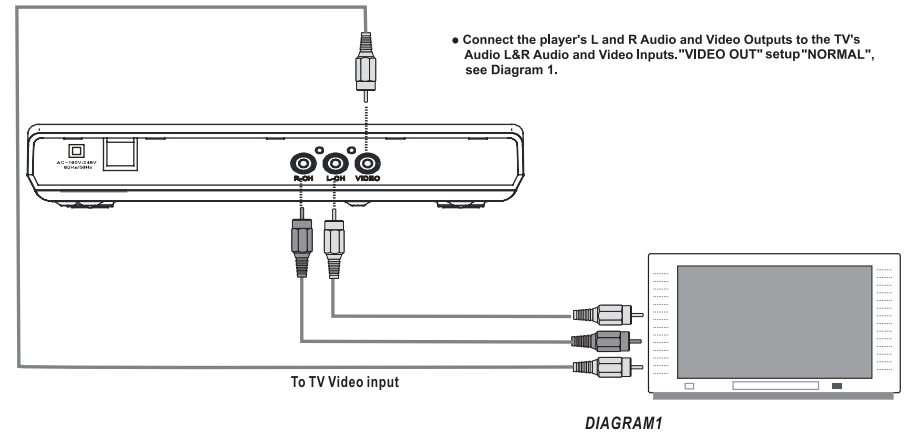
## SYSTEM CONNECTION

### System connection figure



## SYSTEM CONNECTION

### System connection to a TV set



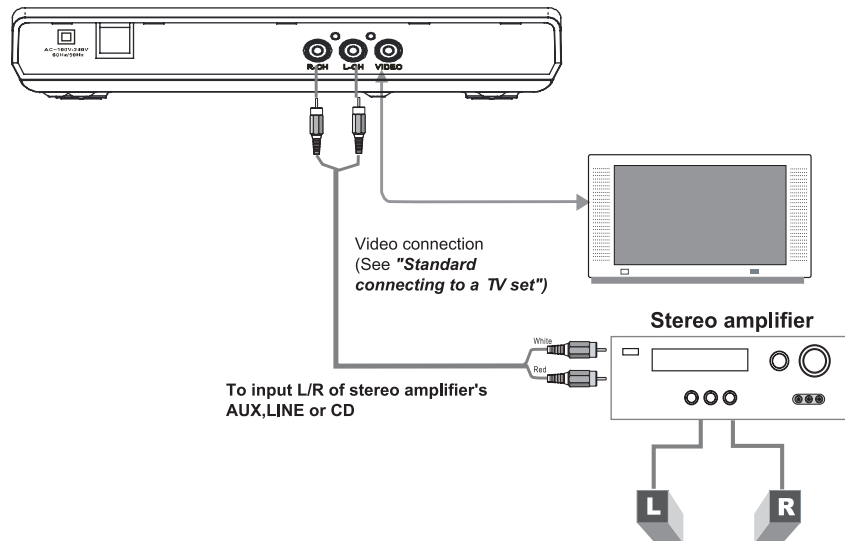
- 1 The player is equipped with composite AV outputs at the rear of the player. Your TV will require at least one set of AV inputs. The patch cord supplied with the player will connect your player's AV output to your TV's inputs.
- 2 Please remember to push the "Line" or "Input" or "Video/TV" button on your TV remote to view the DVD signal. Depending on your brand of TV, this button will have a different name for the same function, as per the examples above.

That function will allow your TV to be switched from the broadcast reception mode to one of the AV signals. Some TVs have more than one AV input.

- 3 The player is equipped for stereo playback. To fully realize 2 channel sound, a Stereo TV or AV receiver is necessary. However, a Mono TV may be used. You may connect either the Left or Right audio channel from the DVD Composite audio out to the mono TV audio input.

## SYSTEM CONNECTION

### Connecting to an Audio Amplifier



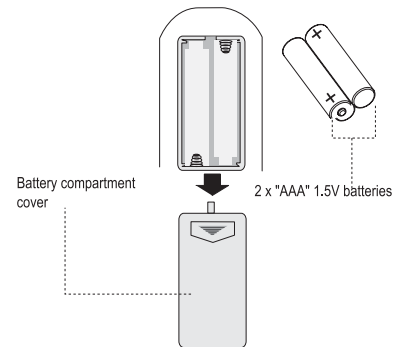
Set the amplifier to the corresponding output mode. See your amplifier's user guide.

## GETTING STARTED

- Unpack the unit.
- Read through this owner's manual before installation and use.
- Loading batteries in the remote control.
- Connect the system, make sure the connections are secure.
- Connect the power plug to the AC power outlet.

### Loading batteries in the remote control

- Remove the battery compartment cover.
- Load two AAA (UM-4 or R03) batteries into the battery compartment.
- Make sure that the batteries have been inserted with the correct polarities matching to the symbols +, - marked in the battery compartment. Close the battery compartment cover.
- When replacing batteries, replace both batteries. Do not mix new and used batteries operating together, otherwise, the operation lifetime will be much shorter than normal.
- Remove the batteries if the unit will not be used for a prolonged period of time.



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 a large object between the remote control and the sensor, the sensor will 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.

### Switch on the player

Press the main power switch on the DVD player. Power on the TV set, and the amplifier if connected.

### Set up the system

Select the corresponding setting of the TV set (AV1, AV2, S-Video, DVD etc.).

If connected to a RF modulator, select the appropriate channel until the DVD screen appears.

If an amplifier has been connected, select the corresponding output mode.

### Load a disc

Press OPEN button  on the Front panel to open the disc door.

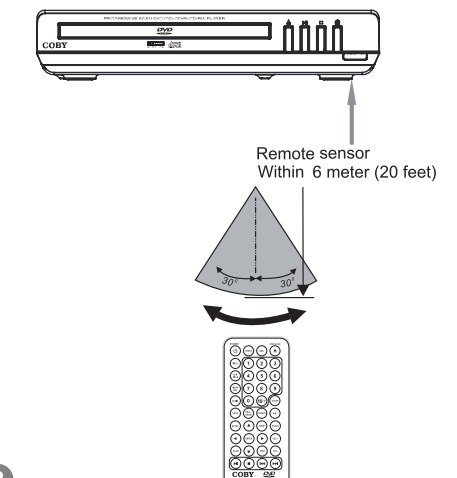
Load a disc with label facing up and then close the door by hand.

### Automatic playback

The unit will take a few seconds to load the disc's initial data and then start playing back automatically.

### If a DVD disc menu appears on screen

- Press PLAY button on the remote (or on the unit) to start playing.
- Press the CURSOR buttons to select the desired feature in the menu. And then press ENTER button to confirm.



## Error Messages

The following messages will appear on the screen when there is a format problem with the loaded disc:

### Invalid Region

Region code of the disc does not match the player's region code (region 1 to region 6).

### Enter Password

The rating level of the disc is higher than the rating level of the player. The player will not play the disc unless the correct password is entered.

### Invalid DISC

The player is equipped with disc quality detection software. When the player detects a problem or damaged disc, the unit may play at a lower quality or stop completely, depending on the damage level.

## Power management

If the player will not be used for a long period of time, please unplug the unit for your safety.



Press OSD button.  
To show the time and status information.

### Open/Close the Disc Tray



To open and close the disc tray.  
Press the OPEN button on the front panel.

### Play/Pause/Stop



- Press the PLAY/PAUSE button to play the disc.  
Press the PLAY/PAUSE button to pause (still Picture).  
Press the PLAY/PAUSE button to resume normal playback.



- Press the STOP button once to prestop the playback, press the PLAY/ PAUSE button to resume.
- Press the STOP button twice to stop the playback completely, press the PLAY/ PAUSE button to start playback from the beginning of the disc.

### Skip Forward/ Backward



Press ►► button to go to the next DVD chapter or CD track.



Press ◀◀ button to go to the previous DVD chapter or CD track.

#### NOTE

Player will not skip forward or backward during the "WARNING" section of a DVD disc.  
Single chapter DVD's or single track CD's cannot skip forward/backward.

### Fast Forward/ Reverse



Repeatedly press the button to search forward through a disc.

Normal → x2 → x4 → x8 → x16  
increase the search speed.



Repeatedly press the button to reverse.

Normal → x2 → x4 → x8 → x16  
increase the search speed.



Press the PLAY/ PAUSE button for normal playback.

#### NOTE

The player is muted in fast forward or reverse mode.  
Player will not fast forward or reverse in the "WARNING" section of a DVD disc.

### Slow



The player is muted in SLOW mode.

Press the SLOW button to play in slow motion. Repeatedly pressing the button will decrease the speed.

PLAY → X 1/2 → X 1/4 → X 1/6 → X 1/8  
↑



Press the PLAY/Pause button for normal playback.

### Disc Title/ Menu



While playing a DVD.  
Press the MENU PBC button to show the Root menu



While playing a DVD.  
Press the TITLE button to show the Title menu

#### NOTE

The TITLE function is not supported on all discs.

## FUNCTION BUTTONS

### Select an Item in the Menu

In the DVD disc start menu or in the player's setup menu.

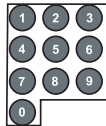
- Press the DIRECTION buttons to highlight function icons.
- Press Enter button to confirm the selection.

### Clear

- Press the CLEAR button to cancel an entry.

### Numeric Key Pad

( Direct Program access)



- 1) Access a DVD Chapter or a CD track directly.
- 2) Input numeric data.

**NOTE** Some DVDs do not allow the direct access function.

### Mute

- Press MUTE to muffle/ release sound.

### Goto

GOTO

- To select the desired section to play (search).

1. Press the GOTO button to display the search bar.
2. Press the UP/ DOWN button to select Title/ Chapter/ Time.
3. Press the LEFT/RIGHT button to change the value or press NUMERIC button to input data.
4. Press the OK button to start playback or press the GOTO button to exit. (e.g. DVD Mode).



### Repeat Section A-B

To repeatedly play a specific section of a disc.

- Press the A-B button at the starting point of the desired section.
- The screen displays "REPEAT A—".
- Press the A-B button again, at the end of the desired section, The screen displays "REPEAT A-B". The player will start repeating playback

the desired section until the function is cancelled.

- To cancel the function, press the A-B button again.

**NOTE** Some DVD discs do not allow the A-B function playback.

### Repeat

To repeat a title/chapter/track or a whole disc.

- Press REPEAT button repeatedly to select the repeat mode.

In DVD Mode

Repeat Chapter → Repeat Title → Repeat DISC → Repeat off

In CD Mode

Repeat Single → Repeat All → Repeat Off

In MP3 Mode

Repeat Single → Repeat Folder → Repeat All → Repeat Off

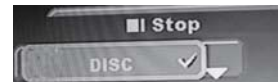
**NOTE** Some DVD discs do not allow REPEAT function.

### DVD/USB

To access the USB flash drive:

1. Insert a USB flash drive into the corresponding port.
2. Press the STOP button to stop playback and then press DVD/USB button to show the Device Selection menu.
3. Press UP/DOWN button to select USB and press Enter button to access.

Note: If there's no disc in the disc tray, the player will recognize the USB flash drive and start to playback automatically.



Device Selection Screen

## FUNCTION BUTTONS

### Multi Angle/ Subtitle /Audio

- ANGLE** While playing a DVD disc, press the ANGLE button to view different camera angles on the disc. A DVD disc may contain up to 9 selectable camera angles.
- SUBTITLE** While playing a DVD disc, press the SUBTITLE button to select the language of the subtitles. A DVD disc may contain up to 32 selectable subtitles.
- AUDIO** While playing a DVD disc, press the AUDIO button to select the language of the audio sound track. A DVD disc may contain up to 8 selectable audio sound tracks.

**NOTE** Some DVD discs do not have multiple ANGLES, SUBTITLES or AUDIO features.

### Volume Up / Down

- Press VOL+/VOL- button to increase/decrease the volume level. The volume level will be shown on the screen.



- Press STEP button to enter STEP mode. Each successive press of the STEP button, the player will playback frame by frame. Press PLAY/PAUSE button to exit.

- DVD** Press the ZOOM button repeatedly and the TV Screen will display: Q 1 → Q 2 → Q 3 → Q OFF

- JPEG** Press the ZOOM button repeatedly and the TV Screen will display: Q 1 → Q 2 → Q 3 → Q OFF

Press the direction button to move the zoomed image. Press the direction button to rotate the picture in normal display mode.

**NOTE** The picture quality decreases as the picture size increases.

### Setup

- Press the SETUP button to enter the player's setup menu. The Setup Menu allows the viewer to adjust the setting details of the player. Please read the SETUP MENU contents of the manual for further directions.

### Program

- Preset the target files to be played automatically by a given order. Press the PROGRAM button to display the program menu. (e.g. DVD Mode).



1. Press the left/right direction button to move between entries, press up/down direction button to select the desired one and press the ENTER button to confirm.
2. Press the right direction button to move to the Play/Clear program column, press up/down button to select Play/Clear program and press ENTER button to confirm, or press the PLAY button to start playback, press the CLEAR button to delete.
3. Press the PROGRAM button again to exit.

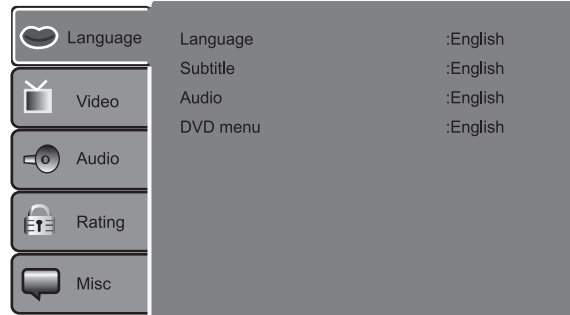
**NOTE** Some DVD discs do not allow program setting. Neither single track nor mp3 disc can be programmed.

## SETUP

### Setup Menu

Various features of the player can be adjusted in the SETUP menu:

1. Press the SETUP button to display the setup menu.
2. Press the DIRECTION button to select the desired item.
3. Press ENTER to confirm.



### Language Setup

Item	Instruction	Default setting
Language	Sets the language of the player's on-screen display.	English
Subtitle	Sets the default subtitle track of loaded DVDs.	English
Audio	Sets the default language audio track of loaded DVDs.	English
DVD menu	Sets the default menu language of loaded DVDs.	English

### Video Setup

Item	Instruction	Default setting
Aspect Ratio	Sets the aspect ratio of the display. 4:3 is used with standard television displays; 16:9 is used with widescreen television displays.	4:3LB
TV System	Sets the player's Video Out signal type. Set this to correspond with your TV. The standard for North America is NTSC.	NTSC

## SETUP MENU(Press SETUP button)

### Audio Setup

Item	Instruction	Default setting
Audio	Sets the audio channel mix mode.(Stereo, Left, Right, Mix)	Stereo

### Rating Setup

Item	Instruction	Default setting
Parental control	Sets the maturity rating level of the player. The player will not play any discs rated higher than this setting. There are eight rating levels. Level 1 will restrict playback to discs suitable for people of all ages. Level 8 will allow playback of all discs, including those suitable for adults only.  To set the rating level: 1. Select "Parental control" and press ENTER. 2. You are required to input the password. The initial password is 8888. 3. Select the level you want from the menu and press ENTER to confirm.	8.Adult
Set Password	Enter the old password, and then the new password. Restoring the player's default settings can't reset the password. Do NOT FORGET THE PASSWORD; THIS PASSWORD CANNOT BE RESET.	

### Misc Setup

Item	Instruction	Default setting
Use Default Settings	Resets all settings to their factory default state. This will not reset the Parental Ctrl password.	
Screen saver	Sets the screen saver On/Off	On

## TROUBLE SHOOTING

If you have a problem with this unit, please read the troubleshooting guide below and check our website at [www.cobyusa.com](http://www.cobyusa.com) for Frequently Asked Questions (FAQs) and firmware updates. If these resources do not resolve the problem, please contact Technical Support.

### COBY Electronics Technical Support

150 Knowlton Way  
Savannah, GA 31407

Email: [techsupport@cobyusa.com](mailto:techsupport@cobyusa.com)

Web: [www.cobyusa.com](http://www.cobyusa.com)

Phone: 800-727-3592: Weekdays 8:00 AM–11:00 PM EST  
Saturdays 9:00 AM- 5:30 PM EST  
718-416-3197: Weekdays 8:00 AM–5:30 PM EST

No Power	<ul style="list-style-type: none"> <li>• Make sure the unit has been powered on manually.</li> <li>• Check if the power cord has been properly connected to the power outlet.</li> <li>• Check if the Main Power button on the unit is turned on.</li> </ul>
Does not play	<ul style="list-style-type: none"> <li>• No disc, load a disc.</li> <li>• Disc has been loaded upside down. Place the disc with the label facing up .</li> <li>• Disc's region code does not match to that of the player's .</li> <li>• Disc's rating level is higher than the player's preset rating level.</li> <li>• Disc is incorrect type for the player.</li> <li>• Disc is damaged or dirty. Clean the disc or try another one.</li> <li>• Moisture may have condensed inside the player. Remove the disc and leave the unit on for one or two hours.</li> </ul>
No Picture	<ul style="list-style-type: none"> <li>• Check if the TV set has been powered on. Use TV remote to select A/V signal for DVD rather than broadcast.</li> <li>• Check if the system connection is properly secured.</li> <li>• Check if the connection cables are damaged.</li> <li>• Clean the disc.</li> <li>• Press the PSCAN button a few times.</li> </ul>
Picture noisy / distorted	<ul style="list-style-type: none"> <li>• The disc is dirty or damaged. Clean the disc or try another disc.</li> <li>• Reset the color system of the TV set.</li> <li>• Make sure the DVD is not connected through a VCR,Cable or Satellite dish.</li> </ul>
Picture not full screen	<ul style="list-style-type: none"> <li>• Select the screen format from the player's Set Up Menu. see " Set Up Menu " of this manual.</li> <li>• Select the screen setup from DVD disc menu.</li> </ul>

## TROUBLE SHOOTING



**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.

Problem message displayed on screen	<p>Following messages will be displayed when there is a problem with the loaded disc:</p> <ul style="list-style-type: none"> <li>• <b>"INVALID REGION:"</b> Disc's region code does not match to that of the player's.</li> <li>• <b>"ENTER PASSWORD:"</b>The player may deny a disc with a rating level higher than the player's preset rating level.</li> <li>• <b>"WRONG DISC"</b> : The player is equipped with automatic disc quality detection software. When the player detects a problem or damaged disc, the player may keep playing the disc at lower quality or stop playing, which will depend on the damage level of the disc.</li> </ul>
Malfunction	<ul style="list-style-type: none"> <li>• Press and hold the standby button (if any) for about 5 seconds to power off.</li> <li>• Should the player develop a malfunction, unplug the player for 30 minutes. After 30 minutes, power on the player and the restore function should reset the player.</li> </ul>
Cannot SKIP or SEARCH	<ul style="list-style-type: none"> <li>• Some discs are so programmed that do not allow users to SKIP or SEARCH at some sections, especially at the beginning WARNING section.</li> <li>• Single Chapter disc cannot skip forward/backward.</li> </ul>
No sound or sound output not complete	<ul style="list-style-type: none"> <li>• Check if the TV and Amplifier have been switched on,and correctly set.</li> <li>• Check if the TV and Amplifier system connections are securely connected.</li> <li>• Press the AUDIO button to select another audio track output.</li> <li>• Check if the MUTE function of the TV or Amplifier has been activated.</li> <li>• There will be no sound output during fast forward/backward, PAUSE,STEP and SLOW .</li> </ul>
Remote control does not function	<ul style="list-style-type: none"> <li>• Make sure the Power button on the unit has been turned on manually.</li> <li>• Remove any obstacles between the remote control and the player.</li> <li>• Point the remote control towards the remote sensor on the player.</li> <li>• Check if the batteries of the remote control have been loaded with the correct polarities.</li> <li>• Replace the batteries of the remote control.</li> </ul>
Type of Disc	<p>DVD/DVD±R/RW CD-DA CD-R /RW</p>

## SPECIFICATIONS

Video Format	MPEG 2
Audio Format	MPEG 1, LAYER 1, LAYER 2 .
Signal Output	Color System: PAL / NTSC Audio System: DOLBY DIGITAL down mix stereo DOLBY DIGITAL digital output Audio DAC 24 bit/96KHz Video Output: 1Vpp (at 75ohm) Audio Output: (Stereo): 2Vrms (1KHz, 0dB)
Frequency Response	CD: 2Hz-20KHz(EIAJ) DVD: 4Hz-22KHz(48K) 4Hz-22KHz(96K)
S / N ratio	CD audio: 85 dB(EIAJ)
THD	CD audio: 0.1%(EIAJ)
Output Terminals	Video (composite) output x 1 Down Mix Stereo output (Left and Right) x 1 Digital audio (coaxial) output x 1
Power input	AC 100 -240V~50/60Hz 10 W (Max.)
Pickup	Wave length: 655nm
Laser power	CLASS1

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