ASTAR ®
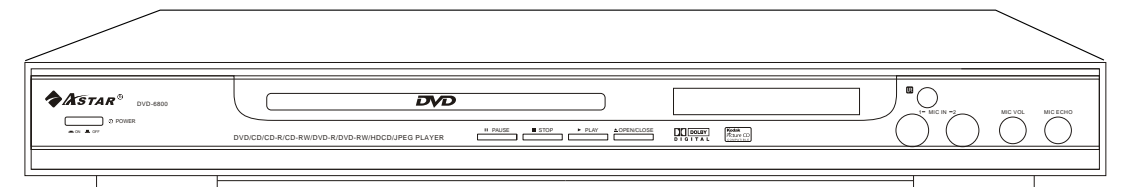
DVD-6800

User Manual

Please read this User Manual carefully to ensure proper use of this product and keep this manual for further reference.

Content

Introduction

Connections

Basic Playback

Advanced Features

Others

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

THE LIGHTNING FLASH WITH ARRO-WHEAD SYMBOL WITHIN AN EQUIL-ATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESEN-CE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE UNIT'S CABI-NET THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE MANUAL ACCOMPANYING THE UNIT.

WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. NEVER ATTEMPT TO OPEN THE CABINET, DANGEROUS HIGH VOLTAGES ARE PRESENTED IN THE UNIT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE- BLADE PLUG WITH WIDE SLOT AND FULLY INSERT.
THE APPARATUS SHALL NOT BE EXPOSED TO WATER AND NO OBJECTS FILLED WITH LIQUID SUCH AS VASES SHALL BE PLAC-ED ON THE APPARATUS.

CAUTION:

THE UNIT EMPLOYS A LASER SYSTEM. TO EN-SURE THE PROPER USE OF THE UNIT, READ THIS MANUAL CAREFULLY AND KEEP IT FOR FUTURE REFERENCE.

IF THE UNIT REQUIRES SERVICING, CONTACT THE SELLER OR SEE "TROUBLESHOOTING".

TO PREVENT DIRECT EXPOSURE TO THE LASER RADIATION, DO NOT OPEN THE CABINET. VISIBLE LASER MAY RADIATE WHEN THE CABINET IS OPENED OR THE INTERLOCKS ARE DEFEATED. DO NOT STARE INTO THE LASER BEAMS.

CAUTION:

THE DVD VIDEO PLAYER IS A CLASS 1 LASER PRODUCT. USE OF CONTROLS OR ADJUST-MENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
AS THE LASER BEAM USED IN THIS DVD VIDEO PLAYER IS HARMFUL TO THE EYES, DO NOT ATTEMPT TO DISASSEMBLE THE CABINET.
REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

WARNING:

FCC REGULATIONS STATE THAT ANY CHANGE OR MODIFICATION TO THE EQUIPMENT, NOT EXPRESSLY APPROVED BY MAKER OR ITS AUTHORIZED PARTIES, COULD VOID USER'S AUTHORITY TO OPERATE THIS EQUIPMENT.

Specifications

Power requirements: 90-240V~50/60Hz

Power consumption: 15W

Video standard: NTSC/PAL/AUTO

Unit Weight: 5.2 Lbs (2.35kg)

Video out
Video out: 1.0V(p-p)/75Ω, sync, negative polarity, RCA pin Jack x 1
S-video output connector(separate Y、C signal output connector):
Y output: 1.0V(p-p)/ 75Ω, sync, negative polarity
C output: 0.286 V(p-p)/75Ω

Audio out
2.1channel out: 1.85V(rms)/10kΩ, RCA pin Jack(L,R) x 1
5.1channel out: RCA pin Jackx6
Coaxial out/Optical: 0.5V(p-p)/75Ω, RCA pin Jack x 1

Frequency response: 20Hz to 20kHz
S/N ratio: >90dB
Total harmonic distortion: < 0.05%

[Accessories]
Video/Audio cablex1
Remote Controlx1
User s Manualx1

**Specifications are subject to change without notice.
Weight and dimensions are approximate.**

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 limitedviewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Important Safety Instructions

1. Read Instructions
All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions
The safety and operating instructions should be retained for future reference.

3. Heed Warnings
All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions
All operating instructions should be followed.

5. Cleaning
Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments
Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Water and Moisture
Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. Accessories
Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. Portable Cart Warning
A product and cart combination should be moved with care. Quick stop, excessive force, and uneven surface may cause the product and cart combination to overturn.

10. Ventilation
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources
This 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 product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

12. Grounding or Polarization
This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13. 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 product.
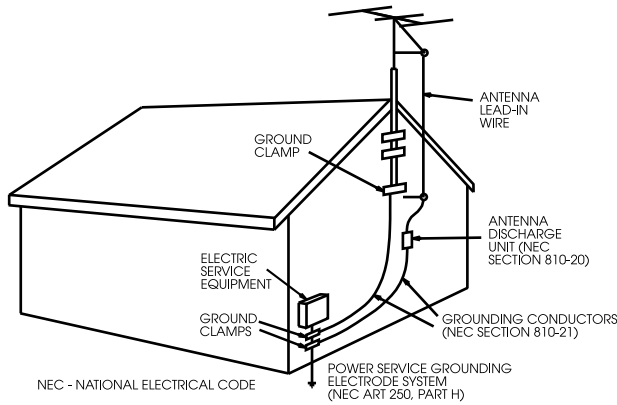
14. Protective Attachment Plug
The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

(Symbol provided by RETAC)

15. Outdoor Antenna Grounding
If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antennadischarge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.

ANTENNA LEAD-IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUND CLAMPS
GROUNDING CONDUCTORS (NEC SECTION 810-21)
NEC - NATIONAL ELECTRICAL CODE
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

16. Lightning
For added protection for this 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 product due to lightning and power lines surges.

17. Power Lines
An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

18. Overloading
Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.

19. Object and Liquid Entry
Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

20. Servicing
Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

21. Damage Requiring Service
Unplug this product from the wall outlet and 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 into the product,
C)If the product has been exposed to rain or water,
D)If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
E)If the product has been dropped or damaged in any way, and
F)When the product exhibits a distinct change in performance this indicates a need for service.

22. Replacement Parts
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

23. Safety Check
Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

24. Wall or Ceiling Mounting
The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
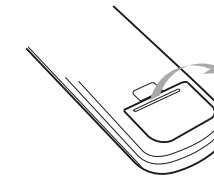
25. Heat
The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
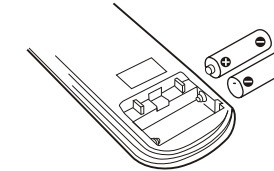
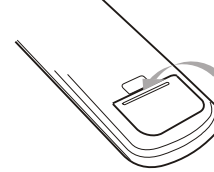## Insert batteries

1 **1. Open the cover.**

2 **2. Insert batteries.**

Make sure to match the "+" and "-" of the batteries with the marks inside the battery compartment.

3 **3. Close the cover.**

Notes:
Improper use of batteries may cause battery leakage and corrosion. To operate the remote control correctly,follow the instructions below:
● Do not insert the batteries in the wrong direction.
● Do not charge, heat, open, or short-circuit the batteries.
● Do not throw batteries into a fire.
● Do not leave dead batteries in the Remote Control.
● Do not use different types of batteries together, or mix old and new batteries.
● If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
● If the remote control does not function correctly or the operating range becomes reduced, replace all batteries with new ones.
● If battery leakage occurs, clean the battery compartment, then insert new ones.

Using the remote control

Point the remote control at the remote sensor.

(The pictures below are for reference only.)
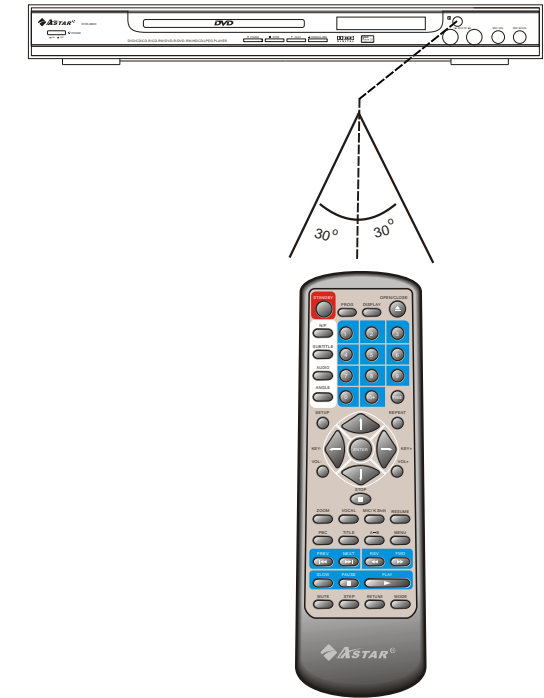
Remarks: Do not expose the remote sensor of the DVD Player to a strong light source, such as direct sunlight.

Notes:
● Point the remote control directly at the player's remote sensor.
● Do not leave the remote control in an extremely hot or humid place.
● Do not spill water or put anything wet on the remote control.
● Battery life is ~1 year under normal conditions.

Troubleshooting

If you have any questions, please consult the troubleshooting guide below.

NO PICTURE OR SOUND

● Ensure the power button is on.

● Ensure the power outlet is operational.

● Ensure the power cord is not damaged.

● Ensure the power plug is connected firmly to the outlet.

PICTURE BUT NO SOUND

● Ensure the audio jacks are securely connected.

● Ensure the audio connector is not damaged.

● Ensure the volume is turned up in VOL/CH setup.

● Ensure you have set the player's AUDIO settings correctly.

● Ensure you have ENTERed the correct AV input for your TV.

● Ensure the audio is not set to mute.

SOUND BUT NO PICTURE

● Ensure the video jacks are securely connected.

● Ensure you have ENTERed the correct AV input for your TV.

● Ensure the video connector is not damaged.

● Ensure you have set the player's VIDEO settings correctly.

POOR PICTURE OR SOUND

● Ensure you have set the player's AUDIO settings correctly.

● Ensure the disc is not scratched or stained.

● Ensure the AV connector or the output terminal is not damaged.

"BAD DISC" DISPLAYED

● Ensure the disc is not warped, damaged or deformed.

● Ensure the disc is not badly stained or damaged.

● Ensure the disc format is compatible with the player.

● Please check whether you have tried to play a software CD. If so, please restart the player.

REMOTE NOT WORKING

● Ensure the remote batteries are working.

● Point the remote control directly at the player's IR sensor.

● Remove any obstacles between the remote and the IR sensor.

UNIT NOT WORKING

● Turn off the power, and then turn it on again.

"NO DISC" DISPLAYED

● Ensure you have put the disc on the tray.

● Ensure the disc is not upside down.

● Ensure the disc is not distorted, stained or scratched.

Caution

● Please use the original box and packing materials for safe transportation of this product.

● It is normal for the cover and rear panel to become warm after the player has been operating for an extended period of time.
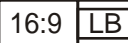
●Do not move this product during playback. Doing so may cause damage to the pickup and the disc.

Press **OPEN/CLOSE** on the front panel or remote to open or close the disc tray. Do not push or touch the tray while it is opening or closing.

Features

● **Full compatibility with DVD, CD, Kodak Picture CD, CD-R and CD-RW (finalized)**

● **Multiple playback modes: Program, Search, 10-Second Review**

● **Dynamic spectrum display**

● **Coaxial and optical digital audio output**

● **S-video, composite video and component (Y, Pb, Pr) video outputs**

Disc formats supported by this player:

DOLBY DIGITAL	Dolby Digital	CC	Closed Caption
Kodak PICTURE CD COMPATIBLE	KODAK picture CDs	32	Subtitle choices
DVD VIDEO	DVD video	8)))	Audio choices
R RESTRICTED	Parental Lock	16:9 LB	TV Aspect Ratio modes
9	Multi-angle		

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.

The product complies with the KODAK Picture CD format and will display KODAK Picture CDs. The "KODAK Picture CD Compatible" logo is a trademark of Eastman Kodak Company and is used with permission.

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

Kodak Picture CD Playback

The introduction of KODAK Picture CD
A Kodak Picture CD has the size and shape of a regular CD. You can order a KODAK Picture CD simply by checking the box on the photo finishing envelope when you drop off a roll of film (35 mm or Advanced Photo System (APS) color print film) at the time of processing in Kodak Express store displaying "Kodak Picture CD" sign. When your order is returned, you receive your prints, negatives, and your full roll of pictures safely stored on your KODAK Picture CD. Each KODAK Picture CD brings you the tools to enhance, share and manage your pictures on your computer. You also can record the JPEG picture into CD-R or CD-RW with the CD-Rewriter yourself.

Note: 1. The Max. Size of JPEG Picture can be supported: 3840X3840 pels
2. JPEG stands for Joint Picture Experts Group. It is the first International Standard on Still Picture Compressing: ISO 10918-1, constituted by the Committee on Still Picture Compressing Standard of ISO. The pictures on KODAK Picture CD are stored in this format (JPEG). This player can decode the JPEG pictures in KODAK Picture CD and playback the pictures in different modes.
 Now, you can playback Kodak Picture CDs on this player and view your wonderful pictures on your TV in the comfort of your living room.
When a Kodak Picture CD is inserted on a player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen.

General function:
● You can set slideshow transition modes for any pictures.
● Press **PAUSE** to stop playing.
● Press ◄◄ or ►► to see the previous or next picture.
● Press **PLAY** to continue slideshow transitions.
● Press STOP to return to root menu.

Image Rotation
There are three modes to rotate a picture: original, 90 Deg, and 180 Deg. These operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is displayed. The ANGLE keys are used to select the different rotation modes:
● Press ANGLE   OSD display   original.
● Press ANGLE again   OSD display   90 Deg.
● Press ANGLE again   OSD display   180 Deg.

Zoom Function:
This player provides both Zoom in/out and Zoom pan function. Press the **ZOOM** consecutively, the picture will zoom in/out in turn as followings:

$$Q\,1 \longrightarrow Q\,2 \longrightarrow Q\,3$$
$$\longleftarrow Q\ off \longleftarrow$$
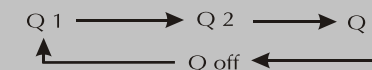
Note: During the ZOOM function, slideshow transitions and image rotation are disabled.
Q off: close zoom, press **PLAY** again to resume slideshow transition mode.

ANGLE

During DVD playback
● Press **ANGLE** to view scenes from different camera angles.
● Press **ANGLE** repeatedly to change from one camera angle to another.
Note: This function is disc specific.

AUDIO

During DVD playback
● Press **AUDIO** repeatedly to select from up to 8 audio languages/formats.
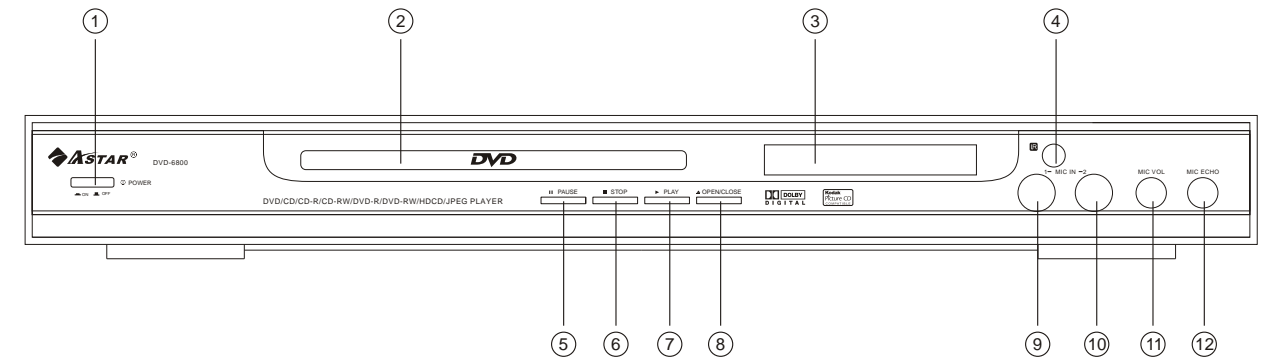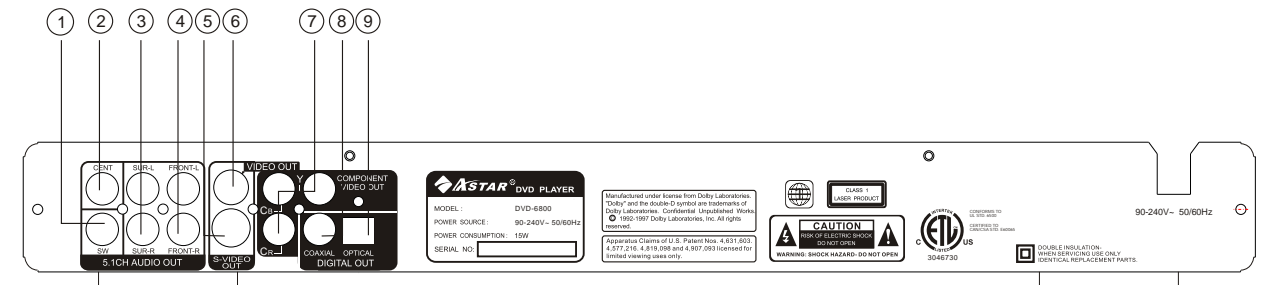**Note:** This function is discspecific.

SUBTITLE

During DVD playback
● Press **SUBTITLE** repeatedly to select from up to 32 subtitle languages.
Note: This function is disc specific (languages will vary).

Front panel

① POWER	⑤ PAUSE	⑨ MIC IN 1
② CABIN DOOR	⑥ STOP	⑩ MIC IN 2
③ VFD SCREEN	⑦ PLAY	⑪ MIC VOL
④ SENSOR	⑧ OPEN/CLOSE	⑫ MIC ECHO

Rear panel

① 5.1 CH SW output jack	⑥ Video output jack
② 5.1 CH CEN output jack	⑦ Component output jack
③ 5.1 CH SUR output jack	⑧ Digital signal coaxial output jack
④ 5.1 CH FRONT output jack	⑨ Digital signal optical output jack
⑤ S-Video output jack	
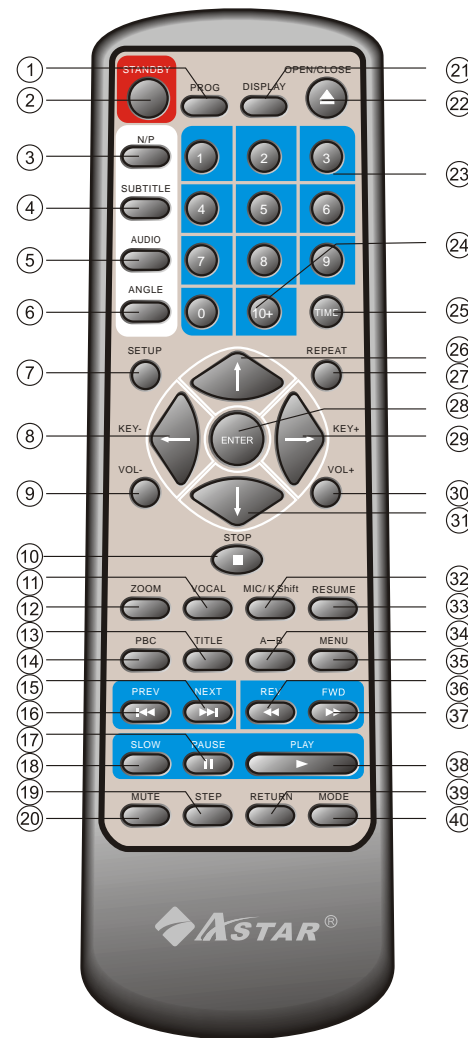
①	PROGRAM	㉑	DISPLAY
②	STANDBY	㉒	OPEN/CLOSE
③	NTSC/PAL	㉓	0-9 NUMBER KEY
④	SUBTITLE	㉔	10+ KEY
⑤	AUDIO	㉕	TIME
⑥	ANGLE	㉖	UP
⑦	SETUP	㉗	REPEAT
⑧	LEFT/KEY-	㉘	ENTER
⑨	VOL-	㉙	RIGHT/KEY+
⑩	STOP	㉚	VOL+
⑪	VOCAL	㉛	DOWN
⑫	ZOOM	㉜	MIC/ K Shift
⑬	TITLE	㉝	RESUME
⑭	PBC	㉞	A-B REPEAT
⑮	NEXT	㉟	MENU
⑯	PREVIOUS	㊱	FAST REV
⑰	PAUSE	㊲	FAST FORWARD
⑱	SLOW	㊳	PLAY
⑲	STEP	㊴	RETURN
⑳	MUTE	㊵	MODE

VOL+ VOL-

● Press Volume <VOL+> button to increase Volume
● Press <VOL-> button to reduce volume till to no volume output.

MUTE

● Press MUTE to mute the Audio output
● Press MUTE again to resume normal audio output

ZOOM

● During DVD playback, press **ZOOM** to magnify the image as follows:

$$Q1 \longrightarrow Q2 \longrightarrow Q3$$
$$Q \; Off$$

Note:

1. Please note that reference numbers for the remote are described beginning on page 18 of this manual.

2. In this manual, " ⇦ " " ⇨ " " ⇧ " " ⇩ " will be used to represent different NAVIGATION ARROWS on the remote respectively.

SLOW

● Press slow repeatedly to slow motion playback at variable speeds.

STEP

● Press STEP during playback to pause playback.
● Press STEP repeatedly to play frame.
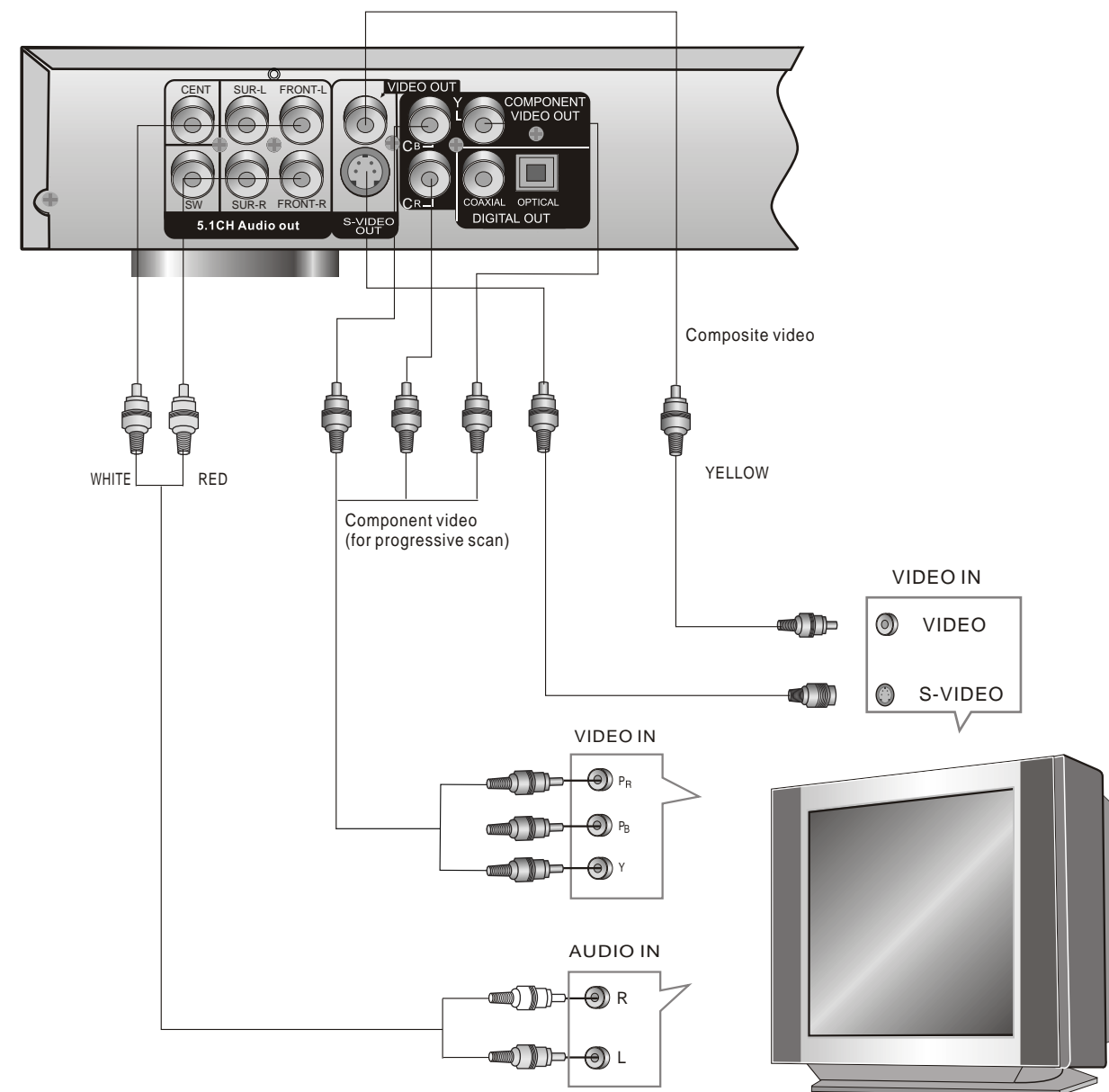● Press play to resume normal playback.

REPEAT

● Select to press REPEAT to select Repeat Title, Repeat chapter, Repeat off During DVD playback.
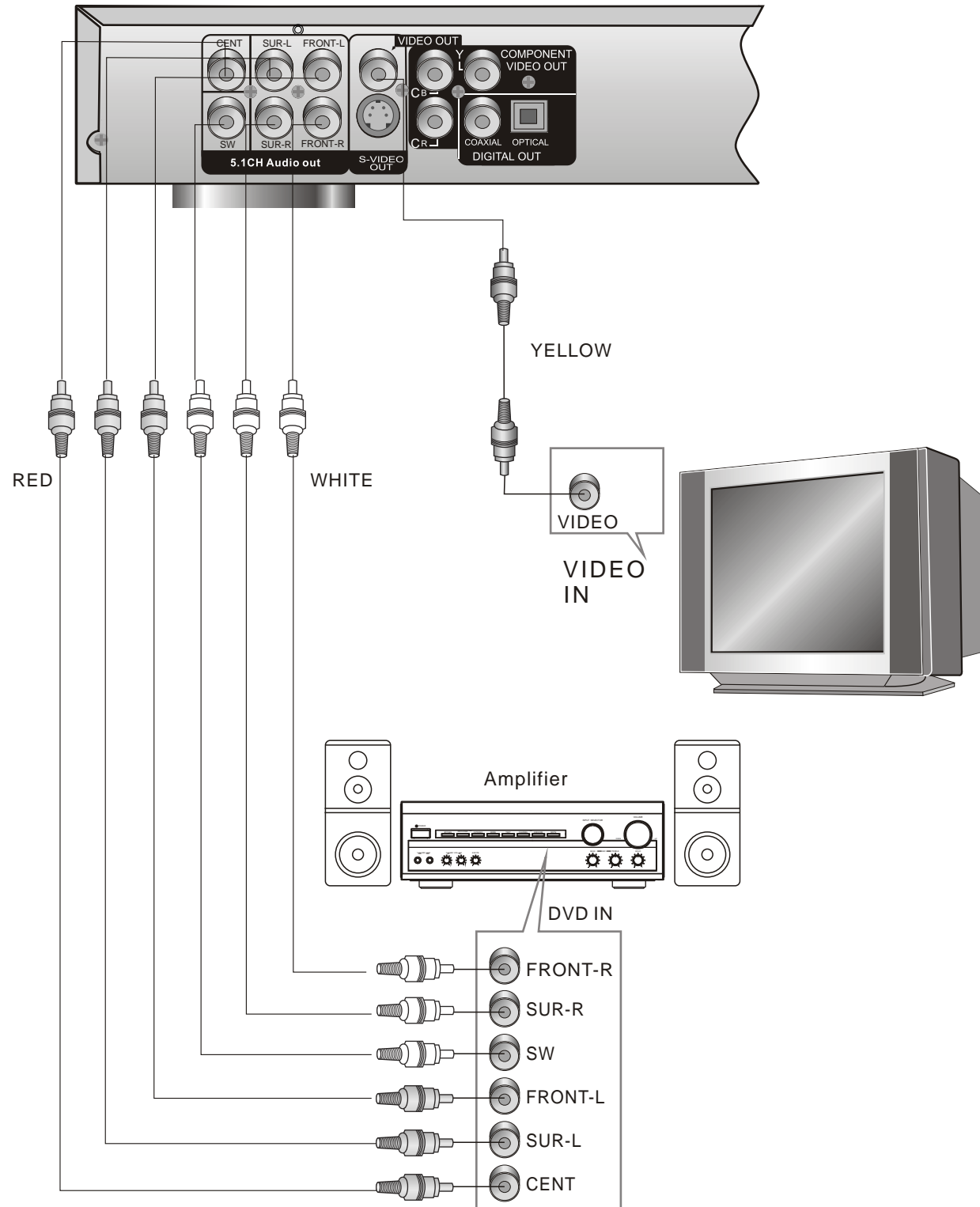● Press REPEAT to select Repeat Single, Repeat All and Repeat off (CD or Others).

MIC/ K Shift

● This key can switch the karaoke on or off.
● This key can change Key Shift with ← , → .

CENT SUR-L FRONT-L

VIDEO OUT

Y COMPONENT
L VIDEO OUT

CB

SW SUR-R FRONT-R

CR

5.1CH Audio out

S-VIDEO OUT

COAXIAL OPTICAL
DIGITAL OUT

Composite video

WHITE RED

YELLOW

Component video
(for progressive scan)

VIDEO IN

VIDEO

S-VIDEO

VIDEO IN

P_R

P_B

Y

AUDIO IN

R

L

Notes:

There are three ways of connecting the player's AV output to the TV set:

1. S-video cable and left/right audio cable [set the (Video Type) to (S-Video)].

2. Composite video cable and left/right audio cable.

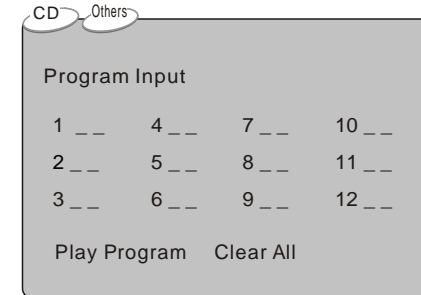3. Component video cable and left/right audio cable [set the (Video Type) to (Y, Pb, Pr)].

PROG
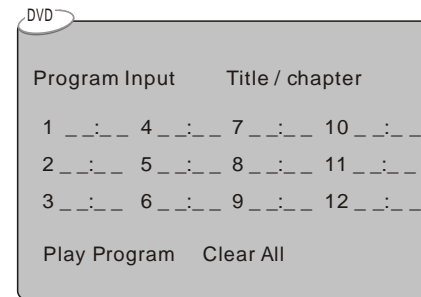
While [PROGRAM] is on, press ENTER to display the [Program] submenu:

CD   Others

Program Input

| 1 _ _ | 4 _ _ | 7 _ _ | 10 _ _ |
| 2 _ _ | 5 _ _ | 8 _ _ | 11 _ _ |
| 3 _ _ | 6 _ _ | 9 _ _ | 12 _ _ |

Play Program   Clear All

Input the track numbers in the order you would like them to play. When finished, select [Play Program] and then press ENTER to play the tracks in the new programmed order.
Select [Clear All] and press ENTER to clear all the numbers you have input.

DVD

Program Input   Title / chapter

1 _ _:_ _	4 _ _:_ _	7 _ _:_ _	10 _ _:_ _
2 _ _:_ _	5 _ _:_ _	8 _ _:_ _	11 _ _:_ _
3 _ _:_ _	6 _ _:_ _	9 _ _:_ _	12 _ _:_ _

Play Program   Clear All

Input the title number and the chapter number in the desired order. Then select [Play Program] and press ENTER to play the chapters in the order you have set.
Select [Clear All] and press ENTER to clear all the numbers you have input.
.

MODE
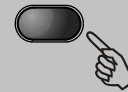
● During playback is stopped
● Press **MODE** button twice to switch to S-Video,YUV.
Note: If you connect the DVD player to your TV using the component Video Output, you can use the **MODE** button to switch to progressive scan for superior video quality.

VOCAL

● Connect one or two microphones to th front panel MIC1/2 jacks
● Insert a Karaoke CD into the DVD disc tray
● Select the desired Chapter/Track in the disc menu
● Press MIC button to switch the karaoke feature on and off
● Press **VOCAL** on the remote control to select the desired singing mode stereo, left, Right, left partner Right partner
● If you hear high-pitched feedback, move the microphone away from your TV set or speakers. You can also reduce the Volume and/ or echo.

YELLOW

RED   WHITE

VIDEO

VIDEO
IN

Amplifier

DVD IN

FRONT-R

SUR-R

SW

FRONT-L

SUR-L

CENT

Notes:
1. Set the TV to the AV input connected to the DVD player.
2. Set the Amplifier to the AV input connected to the DVD player.

PLAY

● Press **PLAY** from stop mode to start playback.
● Press **PLAY** during playback to replay the last 10 seconds.
This function is not available if the elapsed time of current
track is less than 10 seconds.

Note: MP3 discs and some DVD discs do not have a 10 second review feature.

PAUSE

● Press **PAUSE** during playback to pause playback.
● Press **PLAY** to resume normal playback.

MENU

● During DVD, playback , press **MENU** to return to the program menu.
● In the Setup Menu, press **MENU** to return to the main menu
 or stop mode.
●Any time, press **MENU** to cancel the current OSD or some menus

Note: This function is subject to the disc.

TITLE

● During DVD playback, press **TITLE** to display the DVD title
menu or play the first title.
Note: This function is subject to the disc.

Optical cable

Coaxial cable

Optical
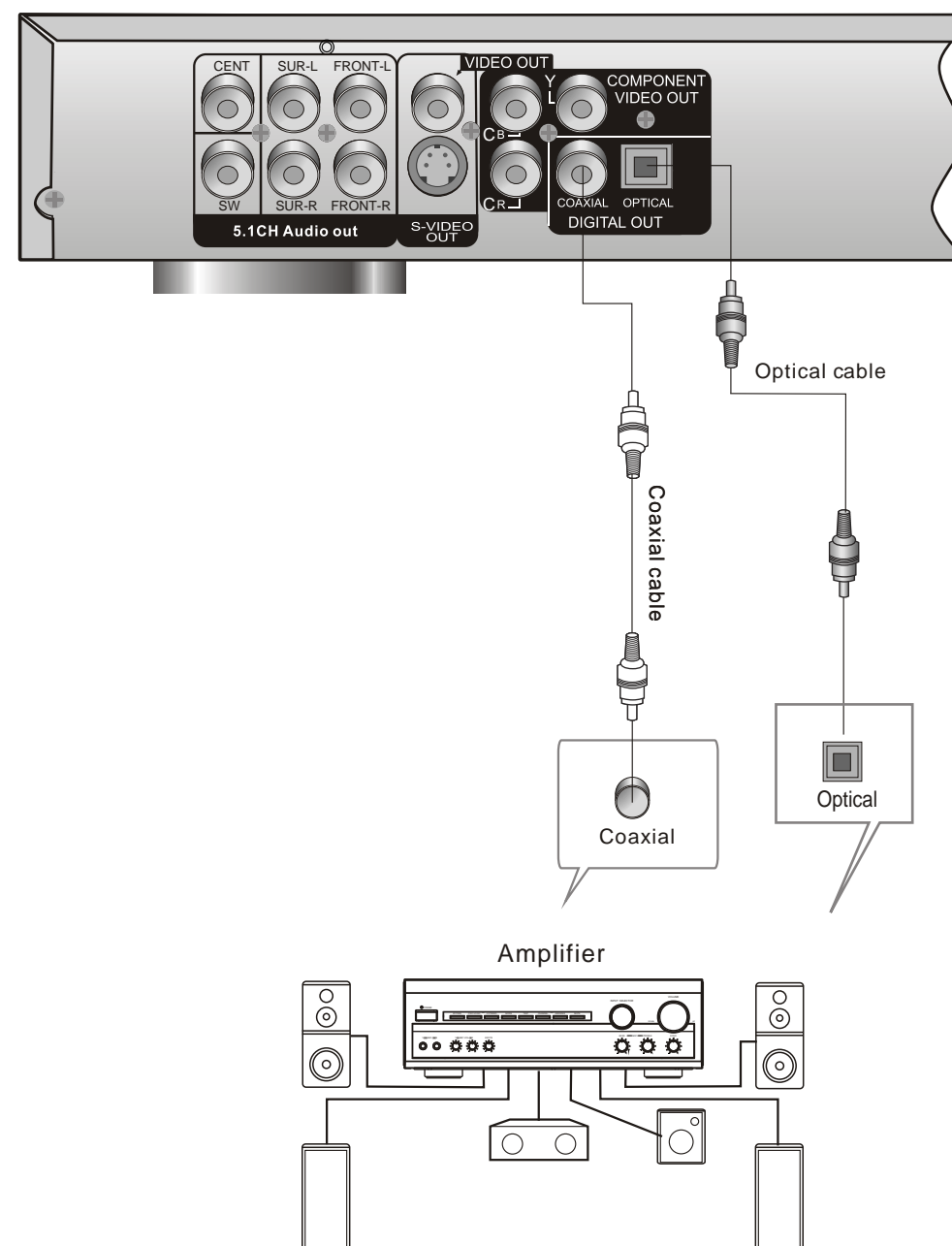
Coaxial

Amplifier

Notes:

1. Select the Coaxial digital audio output.

2. Set the player's audio out to **Raw** or **PCM** mode .

3. Set the Amplifier to the AV input connected to the DVD player.

Preparation before playing:

1. Connect the DVD player to your TV and amplifier.

2. Turn on the TV.

3. Set the TV to the AV input connected to the DVD player.

4. Turn down the volume on your amplifier, and then power it on.

5. Set the amplifier to the AV input connected to the DVD player.
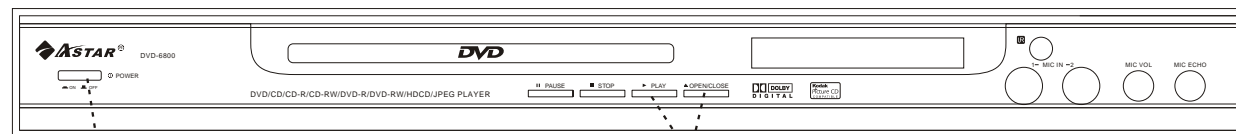
STEP 1 - Press POWER to start the player. The DVD logo appears on the TV screen.

STEP 2 - Press OPEN/CLOSE either on the front panel or remote control. When the tray is opened, place the disc on the tray with the label side up. Press OPEN/ CLOSE again to close the disc tray.

STEP 3 - Press the PLAY button on the front panel or remote control. The player will automatically read and identify the disc, and begin playback.

● During DVD or CD playback, press and hold ▶▶ to scan forward. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows: ▶▶ X2 → ▶▶ X4 → ▶▶ X8 → ▶▶ X20

● Press **PLAY** to resume normal playback.

● During DVD or CD playback, press and hold ◀◀ to scan in reverse. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows: ◀◀ X2 → ◀◀ X4 → ◀◀ X8 → ◀◀ X20

● Press **PLAY** to resume normal playback.

PREV

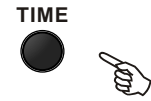● Press **PREV** to skip to previous chapter or track.

NEXT

● Press **NEXT** to skip to the next chapter or track.

STOP

● Press **STOP** to stop and hold playback.

● Press RESUME to resume playback from the point you pressed STOP.

Note: The screen saver will automatically turn on if playback is stopped about 5 minutes(when Screen Saver is set to on).

TIME

During playback, press TIME, and the [Track Search] menu will display as follows:

CD Others

Search
Time   - : - - : - -
Track   - -

DVD

Search
Time   - : - - : - -
Title / Chapter   - - / - -
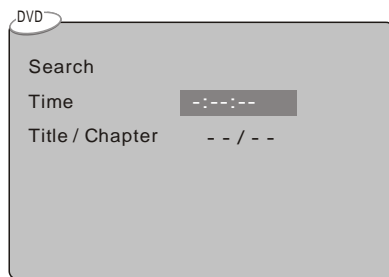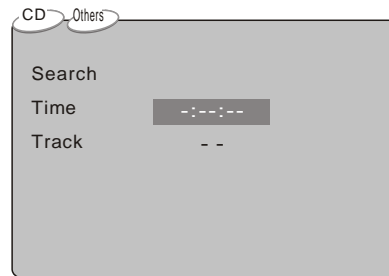
Notes: ① Time searches for an exact time in
the movie.
② In Title/Chapter mode, you cannot
SELECT a value outside the range of the
total number of titles or chapters.
③ For some DVD discs, the Search
function is unavailable.

Use the number keys to input the desired Time, Title or Chapter, then press ENTER to confirm.

Press TIME again , the [Disc Search] menu will display as follows:

CD

Disc Search
Time   - : - - : - -
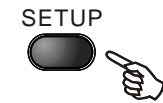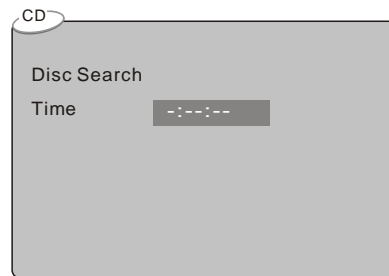
SETUP

In stop mode, press **SETUP**, and the TV screen will display the Setup
Menu as follows:

Language Video Audio MoreAud Rating

Press ◁ ▷ to change items

Setup Menu

A. Press **ENTER** to display each submenu
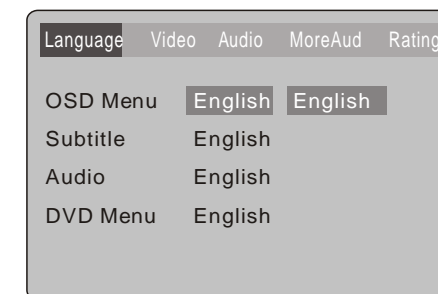B. Press **SETUP** to exit the Setup Menu

Language Setup

Select [Language] in the Setup Menu, and press ENTER to display the [Language] submenu:

Language Video Audio MoreAud Rating

OSD Menu   English
Subtitle   English
Audio   English
DVD Menu   English
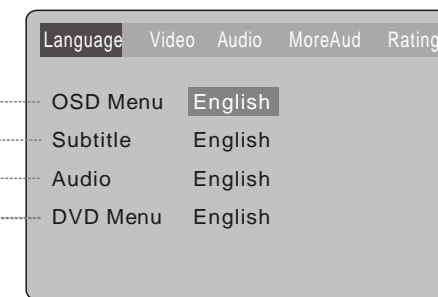
Press ⬆ ⬇ to
select the menu
item

A. Press ENTER or ▷ to set
B. Press ◁ to go back one menu
C. Press ◁ OR ⬆ repeatedly to return to the Setup Menu

Select [OSD Menu], and press ENTER or ▷ to display the [OSD Menu] submenu:

Language Video Audio MoreAud Rating

OSD Menu   English English
Subtitle   English
Audio   English
DVD Menu   English

A. Press **ENTER** to confirm.
B. Press **SETUP** to exit the Setup Menu.

Language Setup

Select [Subtitle], and press ENTER or ⇨ to display the [Subtitle] submenu:

Language	Video	Audio	MoreAud	Rating
OSD Menu	English			
Subtitle	English	English		
Audio	English	French		
DVD Menu	English	Spanish		
		German		

Press ⬆ ⬇ to change your selection
Note: Subtitle languages vary by disc.

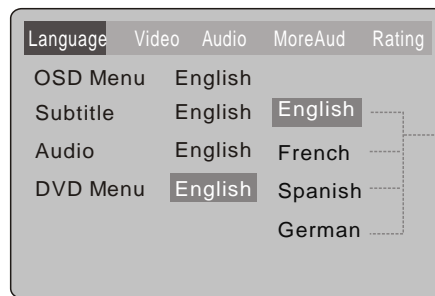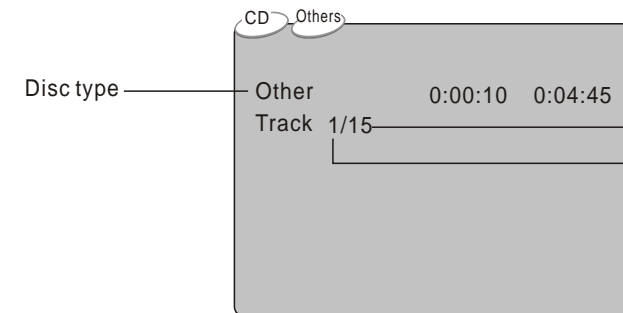A. Press **ENTER** to confirm
B. Press **SETUP** to exit the Setup Menu

Select [Audio],and press ENTER or ⇨ to display the [Audio] submenu:

Language	Video	Audio	MoreAud	Rating
OSD Menu	English	English		
Subtitle	English	French		
Audio	English	Spanish		
DVD Menu	English	German		

Press ⬆ ⬇ to change your selection
Note: Subtitle languages vary by disc.

A. Press **ENTER** to confirm
B. Press **SETUP** to exit the Setup Menu

Select [DVD Menu], and press ENTER or ⇨ to display the [DVD Menu] submenu:

Language	Video	Audio	MoreAud	Rating
OSD Menu	English			
Subtitle	English	English		
Audio	English	French		
DVD Menu	English	Spanish		
		German		

Press ⬆ ⬇ to change your selection
Note: Subtitle languages vary by disc.

A. Press **ENTER** to confirm
B. Press **SETUP** to exit the Setup Menu
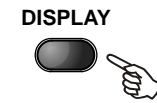
DISPLAY

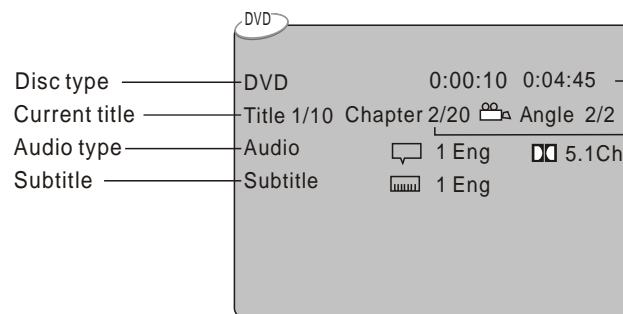**During playback, press DISPLAY to display the current time counter position.**

0:00:10 0:04:45 ——— Elapsed time of the current track/chapter

Press DISPLAY again to display additional information about the playing disc.

CD Others

Disc type ——— Other   0:00:10 0:04:45 ——— Elapsed time of the current track
         Track 1/15 ——— Total tracks
                  ——— Current track

DVD

Disc type ——— DVD   0:00:10 0:04:45 ——— Elapsed time of the current title
Current title ——— Title 1/10 Chapter 2/20 Angle 2/2 ——— Angle
Audio type ——— Audio   1 Eng   5.1Ch ——— Current chapter
Subtitle ——— Subtitle   1 Eng

STANDBY

● During playback, press **STANDBY** to stop the player and return to standby mode.
● While the player is in standby, press **STANDBY** or any key on the front panel to resume normal operation.

OPEN/CLOSE

● To open the disc tray, press **OPEN/CLOSE**.
● To close the disc tray, press **OPEN/CLOSE** again.

0-10+ keys

● These keys are used to input the time, as well as title, chapter and track numbers.
● When a numeric item is displayed on the screen, press the 0-10+ keys to select the desired entry, and press **ENTER** to confirm.

A-B

● During playback, press **A-B** to select point A.
● Press it again to select point B. The player will repeat the section from A to B automatically.
● Press **A-B** third time to cancel A-B repeat and clear points A and B.

Note: 1. During CD playback, points A and B must be within the same track.
 During DVD playback, points A and B can be selected from different chapters.
2. This function is subject to the disc.

Video Setup

Select [Video] in the Setup Menu, and press ENTER to display the [Video] submenu:

Press ⬆ ⬇ to select the menu item

Language	Video	Audio	MoreAud	Rating
TV shape	4:3 PS			
TV system	NTSC			
Video Output	S-Video			
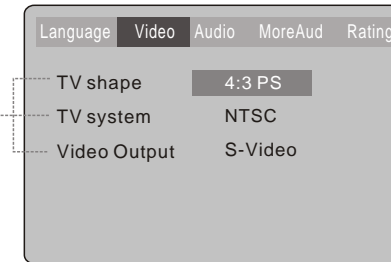
A. Press ENTER or ⇨ to set
B. Press ⇦ to return to the Setup Menu

Select [TV shape], and press **ENTER** or ⇨ to display the [TV shape] submenu:

Language	Video	Audio	MoreAud	Rating
TV shape	4:3 PS	4:3 PS		
TV system	NTSC	4:3 LB		
Video Output	S-Video	16:9		
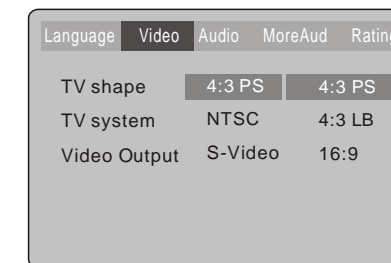
Press ⬆ ⬇ to change your selection

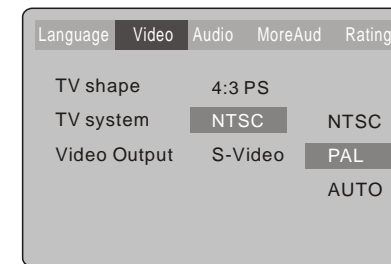A. Press **ENTER** to confirm   B. Press **SETUP** to exit the Setup Menu

[4:3 PS] -Pan and scan refers to pictures where part of pictures is cut off so it fills the whole screen.
[4:3LB] -Letter Box refers to pictures where black bands appear at the top and bottom.
[16:9] -The picture fills the screen of a wide-screen (16:9) television.
Note: Not all DVDs offer movies in Full Screen format. If not, the disc will override your TV Display setting and the movie will be displayed in Letterbox format.

Select [TV system] and press ENTER or ⇨ to display the [TV system] submenu:

Language	Video	Audio	MoreAud	Rating
TV shape	4:3 PS			
TV system	NTSC	NTSC		
Video Output	S-Video	PAL		
		AUTO		

Press ⬆ ⬇ to change your selection

A. Press ENTER to confirm
B. Press SETUP to exit the Setup Menu.

[NTSC] -Select if you are using NTSC signal system to match your TV set.
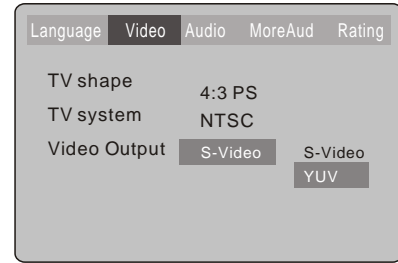[PAL] -Select if you are using PAL signal system to match your TV set.
[AUTO]- Select if you are using AUTO signal system to match your TV set.

More Audio Setup

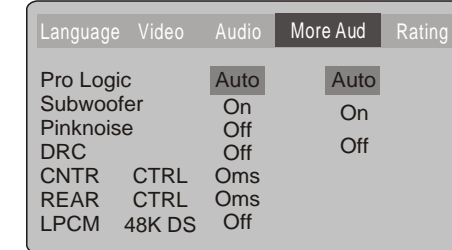The More Audio menu includes Pro Logic and Subwoofer settings.

Pro Logic Setting

The DVD player has a built-in Dolby Pro Logic decoder to provide virtual surround sound for PCM (stereo) source material from the 5.1 channel analog audio outputs.

A. From Stop mode, press SETUP.
B. Select More Audio and press ENTER.
C. Select Pro Logic and press ENTER.
D. Select the desired Pro Logic setting and press ENTER:
  Auto   Stereo audio soundtracks will
  be output in Dolby Pro Logic mode.
  On All audio soundtracks will be output in
  Dolby Pro Logic mode.
  Off (default) Dolby Pro Logic decoding will always
  be inactive.
E. Press SETUP to save and exit.

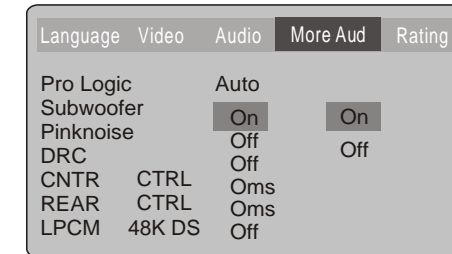| Language	Video	Audio	More Aud	Rating
Pro Logic		Auto	Auto	
Subwoofer		On	On	
Pinknoise		Off		
DRC		Off	Off	
CNTR	CTRL	Oms		
REAR	CTRL	Oms		
LPCM	48K DS	Off		

Subwoofer Setting

You must indicate in the menu system whether or not your audio setup includes a Subwoofer (the 1in 5.1 sourround sound).

A. From Stop mode, press SETUP.
B. Select More Audio and press ENTER.
C. Select Subwoofer and press ENTER.
D. Select the desired Subwoofer setting and press ENTER.
  On (default) Indicates that you are using a Subwoofer for LFE (low frequency effects) signals.
E. Press SETUP to save and exit.

Language	Video	Audio	More Aud	Rating
Pro Logic		Auto		
Subwoofer		On	On	
Pinknoise		Off		
DRC		Off	Off	
CNTR	CTRL	Oms		
REAR	CTRL	Oms		
LPCM	48K DS	Off		

Rating Setup

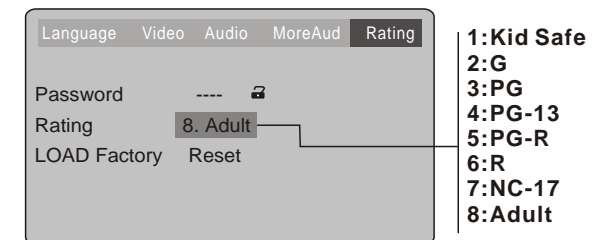The Rating menu allows you to block playback of DVDs based on their ratings.

Setting the Password & Rating Level

The DVD player allows you to block playback of inappropriate content with a password-protected Rating system (not all discs are rated).

A. From Stop mode, press SETUP.
B. Select Rating and press ENTER.
C. Select Rating and press ENTER repeatedly to set the rating from 1 (most restrictive) to 8(least restrictive).
  If a password has already been set, the lock icon will be closed. You will not be able to select Rating until you SELECT the correct password using the 0-9 keys.
D. Select Password.
E. Use the 0-9 keys to SELECT a 4-digit password and press ENTER. The lock icon will close to indicate that the rating and password are set.
F. Press SETUP to save and exit.

Language	Video	Audio	MoreAud	Rating
Password	----			
Rating	8. Adult			
LOAD Factory	Reset			

1:Kid Safe
2:G
3:PG
4:PG-13
5:PG-R
6:R
7:NC-17
8:Adult

  Not all DVDs are rated.
  DVDs that are rated higher than the level you select will not play without SELECTING the correct password.

  If you forget your Rating password, select 8888 to clear the memory. Keep this password out of reach of children as if will always unlock the Parental Control setting.