

USER'S MANUAL

DV 502 DVD PLAYER



Thank you for purchasing the new DVD 502 player. For perfect operation and security, read the manual carefully and keep it for future reference.



I. SAFETY INSTRUCTIONS



Read all the safety instructions before first use of your DVD Player.

Power source

You should only plug the appliance into a 100V to 240VAC, 50Hz supply.

Safety considerations

- Position the power supply lead and other leads so that they are not likely to be walked on or pinched by things placed on or against them.
- Do not use the appliance in humid or damp conditions. Do not allow the appliance to get wet, i.e. dripping or splashing, as this may be dangerous. Do not place water filled object, such as vases, on top of the appliance.
- Make sure that no naked flame sources, such as candles, are placed on top of the appliance.

Cleaning

Unplug the appliance before you clean it.

- Do not use liquid or aerosol cleaners.
- Clean your appliance with a soft damp (not wet) cloth.

Ventilation

- Any slots and opening on the appliance are for ventilation. Do not cover or block them as it could lead to overheating.
- NEVER let children push anything into the holes or slots on the case.

Servicing

There are no user serviceable parts in your DVD player.

When servicing, refer to qualified service personnel.

Battery disposal

Please ensure batteries are disposed of safely.

Electrical information

Make ensure that the voltage of your electricity supply is the same as that indicated on the rear plate. This appliance may be fitted with a non-rewireable plug. If you need to change the fuse in a non-rewireable, the fuse cover must be refitted. If the fuse cover is lost or damaged, the plug must not be used until a replacement is obtained (available from the appliance manufacturers). It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

If the plug has to be changed because it is not suitable for your socket, or becomes damaged, it should be removed and an appropriate plug fitted following the wiring instructions below. The plug removed must be disposed of safely as insertion into a main socket is likely to cause an electrical hazard.

If a 3 Amp (BS1363) plug is used, a 3 Amp fuse (BS1362) must be fitted, or if any other type of plug is used a 3 Amp fuse must be fitted, either in the plug, adaptor or on the distribution board.

II. GETTING STARTED

Remove your DVD player carefully from the box, You may wish to store the packaging for future use.

In the box

Included in this package should be:

- DVD Player
- Remote control
- Batteries x 2 for remote control
- User guide
- Quick start guide items.

Read these instructions before use.

Switching on

Main power

Connect the 2-pin main plug into the main socket and switch on.

Press the power button on the front of the unit to turn the

DVD player on or off.

Using the remote control

Installing the batteries

Remove the battery cover. Insert two AAA size batteries in the compartment. Refer to the diagram in the battery compartment for correct installation of the batteries.

Control DVD player

Point it at the front of the DVD player; press the relevant button to choose demand function.

The remote control will work up to 6 metres from the DVD and at an angle of up to 45 degrees.

Do not block the path of the beam from the remote control to the DVD, Dark walls direct sunlight or bright light will reduce the remote control sensitivity.

TABLE OF CONTENTS

I. SAFETY INSTRUCTIONS.....	1
II. GETTING STARTED	2
III. FEAT URES.....	4
IV. PLAYABLE DISCS	5
V. BEFO RE OPERATION.....	6
VI. PRECAUTIONS FOR DISCS.....	6
VII. PREPARATIONS BEFO RE OPERATION	8
CHECK ACCESSORIES.....	8
USE REMOTE CONTROL	8
REFERENCE DRAWING FOR FRONT PANEL	9
REFERENCE DRAWING FOR LAYOUT (BACK SIDE).....	9
REMOTE CONTROL BUTTON LAYOUT.....	10
REFERENCE DRAWING FOR CONNECTIONS.....	11
VIII. BASIC OPERATIONS	12
PLAY DISCS.....	12
PAL/NT SC SETTING.....	12
OSD.....	13
VOLUME CONTROL	13
DVD MENU PLAY	13
VIDEO MODE SELECT.....	13
IX. PLAY DISCS IN VARIOUS WAYS.....	14
SELECT WITH DIGITAL BUTTON.....	14
SELECT CHANNELS	14
FAST PLAY.....	14
SLOW PLAY.....	15
REPEAT PLAY.....	15
SELECT SUBTITLES.....	16
SELECT ANGLE.....	16
TIME SEARCH.....	16
MEMORY PLAY	17
PROGRAM PLAY.....	17
DIGEST PLAY.....	17
X. FUNCTION SETTING	18
DVD MENU SETTING	18
GENERAL SETUP.....	18
SPEAKER SET UP.....	20
DOLBY DIGITAL SETUP	20
DOLBY SURROUND SETUP.....	20
PREFERENCES.....	21
XI. O THERS.....	22
TROUBLESHOOTING.....	22
TECHNICAL SPECIFICATIONS.....	23

III. FEATURES

1. OUTSTANDING SOUND QUALITY

Features high quality sound, can play DVD or CD discs at home, reproduce high quality sound effects.

2. HIGH DEFINITION

The unit adopts MPEG2 coding format and brings the horizontal resolution over 500 lines

3. UNIQUE FUNCTIONS

Multi-angle, multi-language and multi-story features bring you unique trick functions.

Parent lock makes it easy to control the content of discs.

4. SCREEN

Both ordinary screen and wide (16:9) screen are available.

5. COMPATIBILITY

The unit can play DVD discs, and is compatible with Super-VCD, VCD, CD, CD-R, CD-RW and MP3 discs.

6. ZOOM

It can enlarge picture twice or four times as big.

7. NINE-PICTURE DIGEST

It can look through the content of discs and select to play.

8. TRICK-PLAY

Fast forward, fast reverse, slow play, frame play, repeat play and program play.

9. TIME SEARCH

It can search a specific part on a disc, especially well for watching fiction movies.

10. RESUME PLAY

It can memorize the position where the disc is stopped and resume playback.

11. CONTENT DISPLAY

It adopts coloured fluorescent display and English or other national OSD (On Screen Display), make the disc content clearer.




12. VIDEO OUTPUT

Composite video, S-video signal output mode, and easy system change.

13. AUDIO OUTPUT

Analogue audio output and optical, coaxial digital audio output can be connected with any amplifier to enjoy high-quality sound effects.

IV. PLAYABLE DISCS

TYPE	MARK	CONTENT	SIZE	PLAYING
DVD		Audio + Video (Motion pictures)	12cm	About 2hrs(single-side disc)
				About 4hrs(double-side disc)
			8cm	About 80mins(double-side disc)
				About 160mins(double-side disc)
Super-VCD		Audio + Video (Motion pictures)	12cm	About 45mins
VCD		Audio + Video (Motion pictures)	12cm	About 74mins
			8cm	About 20mins
CD		Audio	12cm	About 74mins
			8cm	About 20mins
CD-R		Audio + Video	12cm	
CD-RW		Audio + Video	12cm	
MP3		Audio	12cm	About 600mins

Notices: MARK INDICATION

DVD- functions of DVD

SVCD- functions of Super-VCD

VCD- functions of VCD

CD- functions of CD



THIS UNIT IS SET TO PLAY REGION 2 DISCS FOR THE UK AND EUROPEAN MARKETS.

V. BEFORE OPERATION

SECURITY

- Before operation, check if the voltage of the unit is in line with the local voltage.
- Hold the plug to disconnect it from the mains outlet. Do not pull the power cord.
- When the plug of the unit is connected to the mains outlet, the unit will be still connected to AC even if the power is turned off.
- Disconnect the plug as soon as liquid or objects enter the unit. The unit cannot be used until being checked by experts.
- Do not open the cabinet. Laser rays employed by the unit may damage eyes. Any servicing should be done by qualified service personnel.

PLACEMENT

- Put the unit where ventilation is good enough to prevent overheating.
- Never put the unit in direct sunlight or near heat sources.
- Place the unit horizontally, never put any heavy object

on the unit.

- To protect the pickup, do not put the unit where there is much dust. If there is dust on the pickup, use a cleaning disc to clean it.
- Refer to the operation instructions of the cleaning disc you bought.

CONDENSATION

Moisture will appear on the pickup lens in the following cases:

- The unit is suddenly moved from a cold place to a warm place.
- The unit is put in a room with a heater, or in cold air from an air-conditioner.
- Use the unit in a humid place. In these cases, the unit cannot work. Unload the disc and leave the unit on for about one hour to evaporate the water.

VI. PRECAUTIONS FOR DISCS

HANDLING DISC

- To keep the disc clean, do not touch the play sides of the disc.
- Do not attach paper or tape to the disc.
- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after playback.

- Before playback, wipe the disc outwards from the centre with clean cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray.

CLEANING DISC

VII. PREPARATIONS BEFORE OPERATION

CHECK ACCESSORIES

Check if you have all the accessories after the carton is opened.

Remote control	1
AAA batteries	2
User's manual	1
Quick start guide items	1

USE REMOTE CONTROL

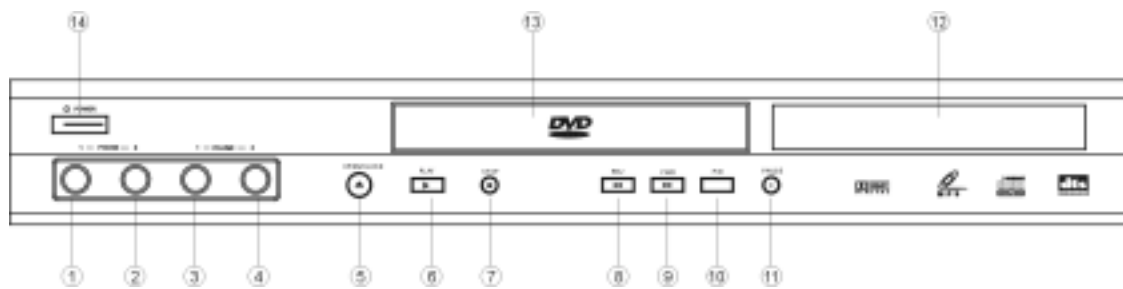
1. Open the battery compartment.
2. Insert two AAA batteries, make sure to match “+” and “-” of the batteries to the marks in the battery compartment.
3. Close the battery compartment.

4. Point the remote control at the remote sensor, operate in the range of up to 8 meters away from the front of the remote sensor. Make sure there is no barrier between them.

Notes:

1. Batteries can last for about 6 months generally. Change the batteries of the remote control if it does not work.
2. If the remote control is not used for a long time, remove the batteries to prevent battery leakage.

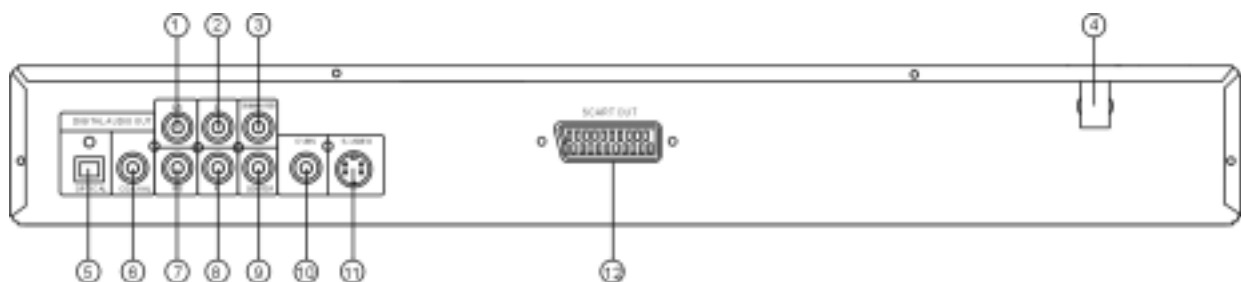
REFERENCE DRAWING FOR FRONT PANEL



- | | |
|--------------------------------|--------------------------------|
| 1. EARPHONE JACK1 | 8. FAST BACKWARD SEARCH BUTTON |
| 2. EAPHONE JACK2 | 9. FAST FORWARD SEARCH BUTTON |
| 3. EARPHONE VOL KNOB 1 | 10. PAL/NTSC CONVERT BUTTON |
| 4. EARPHONE VOL KNOB 2 | 11. PAUSE BUTTON |
| 5. OPEN/CLOSE DISC TRAY BUTTON | 12. DISPLAY WINDOW |
| 6. PLAY BUTTON | 13. DISC TRAY |
| 7. STOP BUTTON | 14. POWER BUTTON |

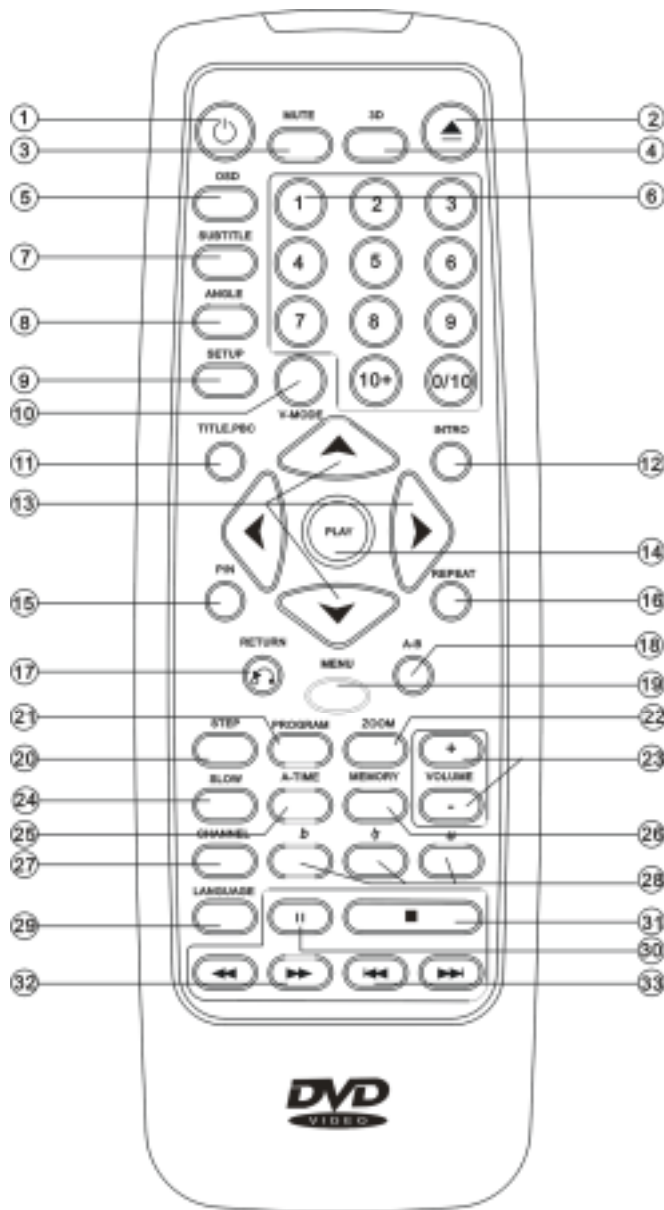
REFERENCE DRAWING FOR LAYOUT (BACK SIDE)

Apparatus Claims of U.S. Patent Nos. 4•631•603; 4•577•216; 4•819•098•and 4•907•093 licensed for limited viewing uses only.



- | | |
|--|---|
| 1. 5.1CH SURROUND AUDIO LEFT TRACK OUTPUT JACK | 7. 5.1CH SURROUND AUDIO RIGHT TRACK OUTPUT JACK |
| 2. 5.1CH LEFT TRACK AUDIO OUTPUT JACK | 8. 5.1CH RIGHT TRACK AUDIO OUTPUT JACK |
| 3. 5.1CH SUBWOOFER AUDIO OUTPUT JACK | 9. 5.1CH CENTER AUDIO OUTPUT JACK |
| 4. POWER SUPPLY SOCKET WIRE | 10. VIDEO OUTPUT |
| 5. DIGITAL AUDIO OPTICAL FIBER OUTPUT | 11. S-VIDEO OUTPUT |
| 6. DIGITAL AUDIO COAXIAL OUTPUT | 12. SCART OUTPUT |

REMOTE CONTROL BUTTON LAYOUT



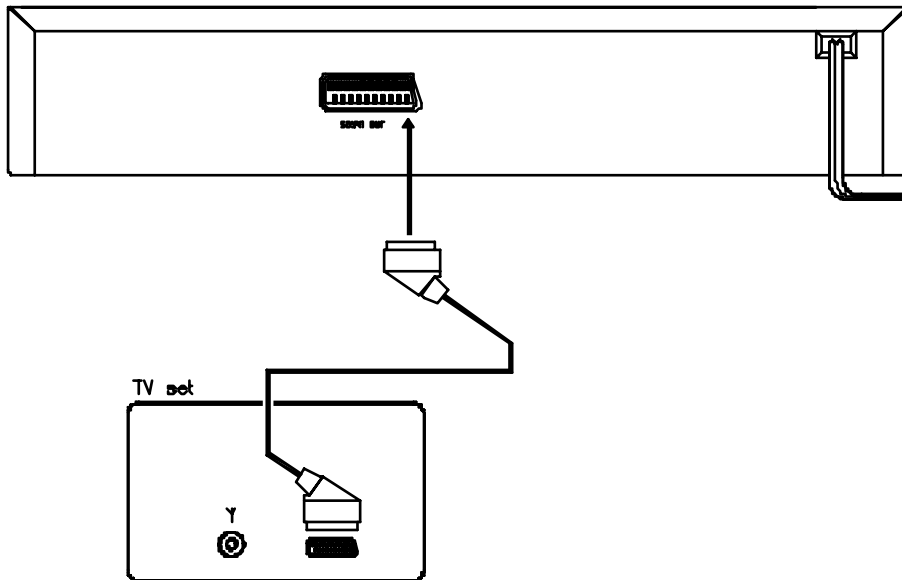
1. POWER
2. OPEN/CLOSE BUTTON
3. MUTE BUTTON
4. 3D SURROUND
5. OSD BUTTON
6. NUMBER BUTTON
7. SUBTITLE BUTTON
8. ANGLE BUTTON
9. SETUP BUTTON
10. VIDEO MODE
11. TITLE.PBC BUTTON
12. INTRO BUTTON
13. UP/DOWN/LEFT/RIGHT DIRECTION
14. PLAY BUTTON
15. PAL/NT SC CONVERT BUTTON
16. REPEAT PLAYING BUTTON
17. RETURN BUTTON
18. A-B BUTTON
19. MENU BUTTON
20. STEP PLAYING BUTTON
21. PROGRAM PLAYING BUTTON
22. ZOOM BUTTON
23. VOLUME "+/-"
24. SLOW BUTTON
25. A-TIME BUTTON
26. MEMORY PLAYING BUTTON
27. CHANNEL CONVERT BUTTON
28. LOWER TONE/ATONIC TONE/RAISE TONE
29. LANGUAGE BUTTON
30. PAUSE BUTTON
31. STOP BUTTON
32. FAST FORWARD SEARCH BUTTON/
FAST BACKWARD SEARCH BUTTON
33. ONE CHAPTER/TRACK FORWARD BUTTON/
ONE CHAPTER/TRACK BACKWARD BUTTON

REFERENCE DRAWING FOR CONNECTIONS

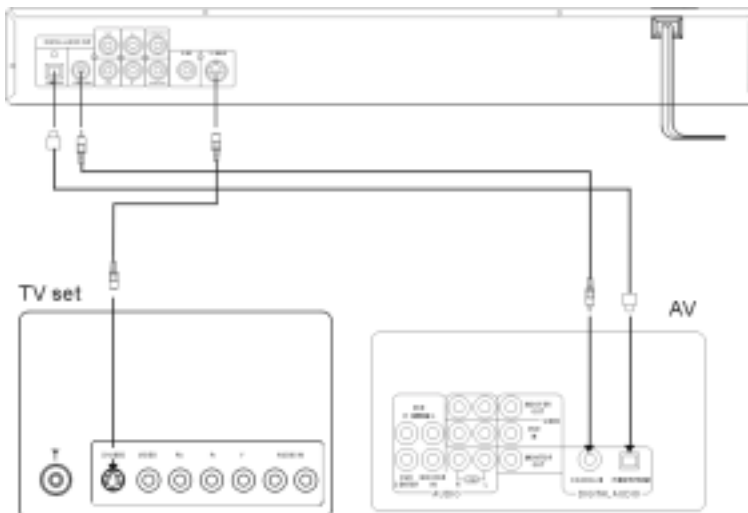
Turn off all equipment before operation.

The unit has many kinds of output modes like VIDEO output, S-VIDEO output and digital signal output (OPTICAL, COAXIAL) and SCART output. You may select, as you need.

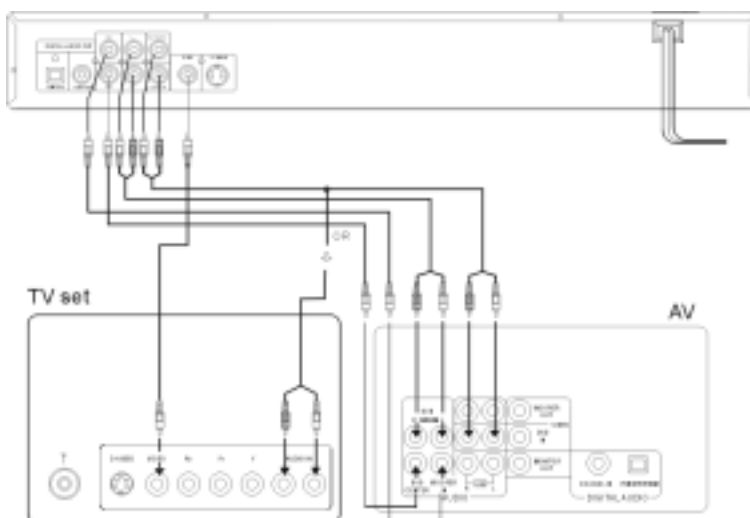
CONNECTED TO SCART-OUT



CONNECTED TO A TV



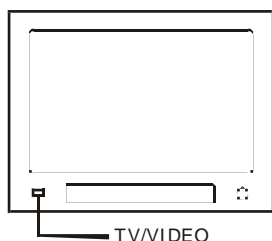
CONNECTING TO AN AMPLIFIER OR RECEIVER



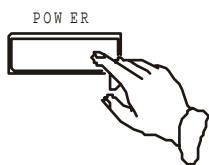
VIII. BASIC OPERATIONS

PLAY DISCS

1. Push **POWER** on the TV, select AV mode (TV).



2. Connect the DVD player to the power. Push the "POWER" Button.



3. Push **▲** to open the disc tray and load a disc with the label side up.
4. Push **▲** again to close the disc tray. The unit begins to read the disc.

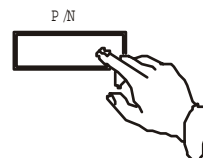
AFTER STEP 4 IS FINISHED:

PLAY DVD

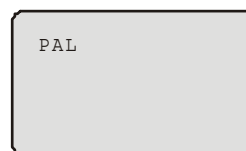
The TV screen shows DVD menu and title menu.

PAL/NTSC SETTING

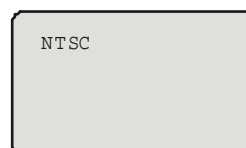
According to the system of the TV to be connected, set the system of the unit to make it match the TV.



1. If the system of the TV is PAL: Push P/N, select PAL. The screen shows:

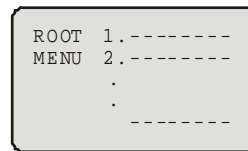
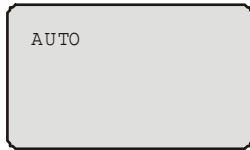


2. If the system of the TV is NTSC: Push P/N, select NTSC. The screen shows:



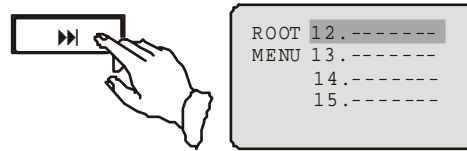
3. If the TV is multi-system, push **P/N** to select AUTO.

The screen shows:

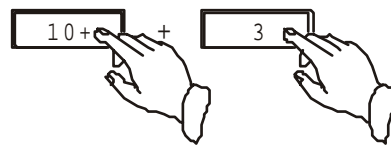


Example: select track 13.

1. Push **▶▶** to enter the next menu.



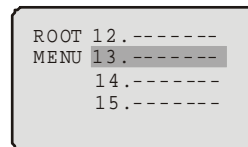
2. Push number buttons to select directly.



Pressing 10+ one time means adding 10. If select tracks greater 19, please press 10+ twice, and then press 1 to 9 button. It is the similarity for selecting tracks greater 29 or more.

You can also do as follows:

1. Push **▼** to select track 13.

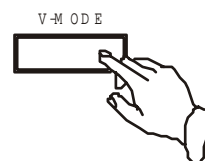


2. Push **▶▶** to start playing the selected tracks.

Push **TITLE** once to return to the title menu. Push it again to return to the current playback.

VIDEO MODE SELECT

Pressing button V-MODE to switch TV output mode: Composite video, RGB, and YPrPb. When using Composite video, connect video cable to VIDEO port. When using RGB, connect three-line cable to RGB port. When using YPrPb, connect to YPrPb port. Please be noted that TV set must have RGB or YPrPb input port if using RGB or YPrPb. In the setup menu, one can preset video mode to one of three modes. Then, when power on, the DVD video will output in the default mode.

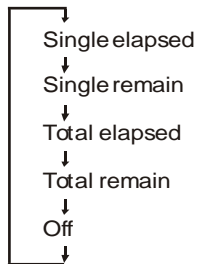


OSD

(Only for reference)

When playing VCD, Super-VCD, CD, MP3,

The TV screen shows the information about the disc. Push OSD to select:



When playing DVD, The TV screen shows alternately:

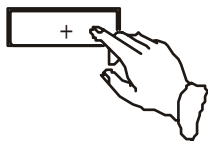
```

TITLE **/** CHAPTER **/**
TITLE REMAIN **: **: **
CHAPTER ELAPSED **: **: **
CHAPTER REMAIN **: **: **
OFF
  
```

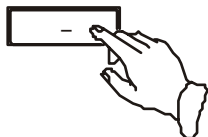
VOLUME CONTROL

Push **VOLUME** on the TV or amplifier to adjust the volume.

Also you can push **VOLUME** key on the remote control to adjust volume. Push "+" to raise the volume.



Push "-" to lower the volume.



DVD MENU PLAY

Some DVD discs have title menus and chapter menus.

Push **MENU** or **TITLE**, the screen shows the menu. Use the direction buttons to select the desired item, then press **▶▶**.

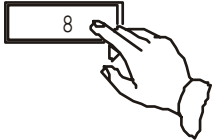
Push **▶▶** to see the next page, select with number buttons and direction buttons.

IX. PLAY DISCS IN VARIOUS WAYS

SELECT WITH DIGITAL BUTTON

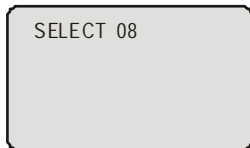
After loading a disc, push digital button to select tracks.

1. If the track number is less than 10, just push a button among 1-10.



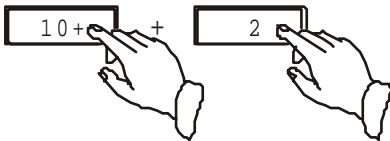
Example: push 8 to select track 8.

The screen shows:

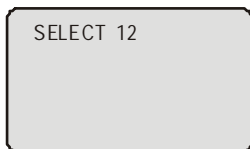


2. If the track number is over 10, push **10+** once on the remote control and a button among 1-10.

Example: select track 12.



The screen shows:



SELECT CHANNELS

You may select the right channel or left channel or stereo from a multi-channel DVD.

When playing DVD, push **CHANNEL**, the screen show alternately and select the desired audio channel:

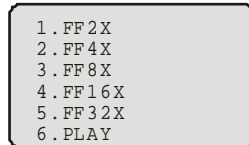
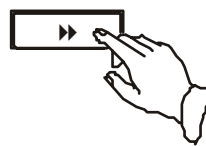
- AUDIO 2/2
- AUDIO 1/2
- AUDIO1 VOCAL
- AUDIO2 VOCAL

FAST PLAY

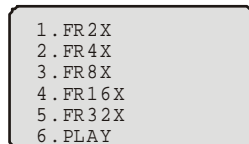
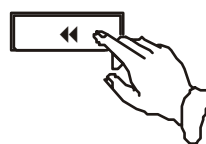
When playing disc, you may play it fast forward or reverse it quickly to find what you need.

WHEN PLAYING DVD

1. Push **▶▶** to play forward fast. Each time you push the button, the screen shows orderly:



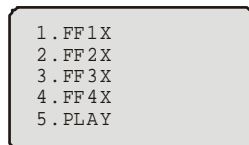
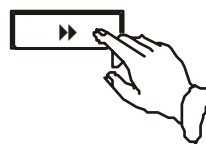
2. Push **◀◀** to reverse the disc fast. Each time you push the button, the screen shows orderly:



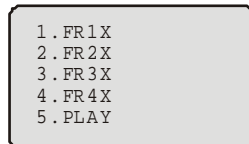
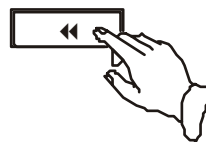
3. Push **▶▶** to play normally when playing fast.

WHEN PLAYING Super-VCD or VCD CD

1. When playing forward fast, push **▶▶**, the screen shows orderly:



2. When reversing the disc fast, push **◀◀**, the screen shows orderly:



- Push **▶▶** to play normally when playing fast.

WHEN PLAYING MP3

1. Push **▶▶** to play forward fast.



2. Push **◀** to reverse the disc.



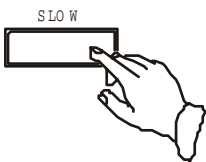
3. Push **▶** to play normally when playing fast.

SLOW PLAY

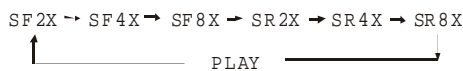
Enjoy slow motions by the following steps.

WHEN PLAYING DVD

1. Push **SLOW** to play slowly.



The screen shows orderly:



2. Push **▶** to play normally.

WHEN PLAYING Super-VCD or VCD

1. Push **SLOW** to play slowly. The unit has three steps for slow play.

The screen shows orderly:



2. Push **▶** to play normally.

REPEAT PLAY

This function can be used to repeatedly play a title, chapter, track, disc, or some part on a disc.

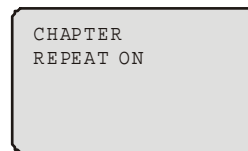
PLAYING A DISC REPEATEDLY

DVD

You may repeat a title or chapter.

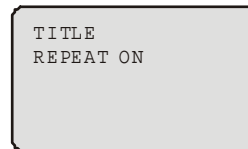
1. Repeat a chapter.

Push **REPEAT**, the screen shows:



2. Repeat a title

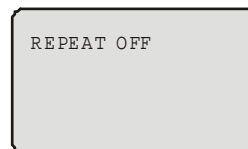
Push **REPEAT**, the screen shows:



3. Remove REPEAT function.

Push **REPEAT** to cancel the repeat function.

The screen display:



REPEAT SOME PART

You may push **A-B** to enjoy some part repeatedly when playing a disc.

PLAY DVD

1. Set a starting point A.

The screen shows:



2. Set a starting point B.

The screen shows.



Afterwards, the unit plays from A to B.

3. Remove A-B repeat.

The screen shows:



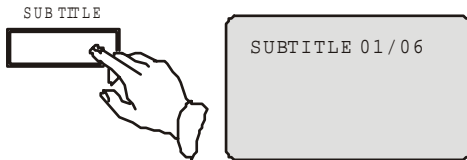
SELECT SUBTITLES

When play a multi-subtitle DVD or Super-VCD, you may select one subtitle to show it on the screen.

DVD

1. Push **SUBTITLE** to select one.

The screen shows:



2. Remove the subtitle.

Push **SUBTITLE** until the screen shows "SUBTITLE OFF"

Notes:

- For some discs, subtitles cannot be removed
- Different discs have the different languages of subtitles.
- If the subtitles of discs cannot be selected, push **SUBTITLE**, the screen shows "OFF".

Super-VCD

A super-VCD has only four channels for recording. So it has four subtitles at the most.

Push **SUBTITLE**, the screen shows orderly:

- SUBTITLE 1
- SUBTITLE 2
- SUBTITLE 3
- SUBTITLE 4
- SUBTITLE OFF

You may select a subtitle, as you need. Some discs may not have "SUBTITLE OFF" function.

SELECT ANGLE

Some discs have images with different screen angles, you may select among them. For example, when you watch a running train, you may select to watch it from the front, the left window or the right window without stopping it.

Example:

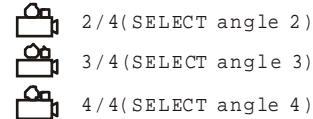
A DVD has four screen angles at your option.

1. Push **ANGLE** to select ANGLE.

The screen shows:



2. Push **ANGLE** to select other angles, the screen shows respectively:



3. Resume normal playback.

Push **ANGLE** until there is no display on the screen.

TIME SEARCH

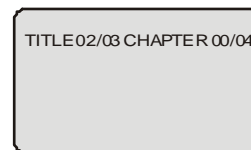
You may directly enter a time, title or chapter number to search fast on a disc. The unit plays from the point.

PLAY DVD

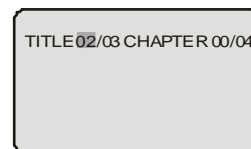
1. Search a title or a chapter.

Example: Search chapter 2 in title 6.

Push **A-TIME**, the screen shows:

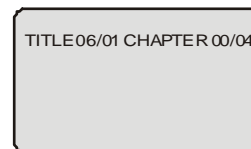


Push the ◀ or ▶ buttons and move the cursor to illuminate the title number. The screen shows:



Push button 6, select title 6.

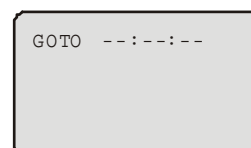
The screen shows:



Repeat the steps above, select chapter 2 in title 6.

2. Time search.

Push **A-TIME** until the screen shows.



Push number buttons to enter hour, minute and second.

Example: Enter 0,1,0,2,3,8

After setting the disc is played from 01:02:38.

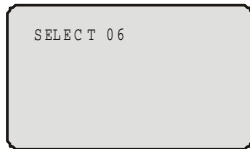
PLAY Super-VCD, VCD, CD

You can only enter a time to search the content at the time.

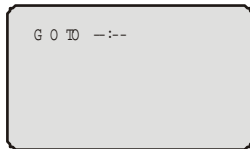
Example: Play from 01:38 of track 6.

1. Push button 6 to select track 6.

The screen shows:

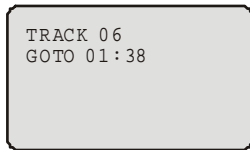


2. Push **A-TIME**, the screen shows:



3. Push button 0,1,3,8 to enter the time.

The screen shows:



The unit plays from 01:38 of track 6 after setting.

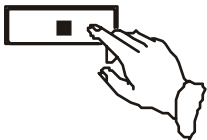
Push **0/10** to enter 0.

MEMORY PLAY

(For VCD, SVCD, CD only)

The unit can memorize the last point where it stops and resume playback from there.

1. Push **STOP** to stop playing.



2. Push **MEMORY** to resume playback.

Notes:

✧ This function does not work for any programmed

playback.

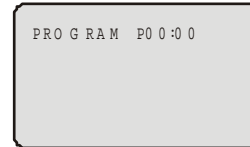
✧ This function is removed when the disc is unloaded or the unit is off.

PROGRAM PLAY

You may program the tracks on a disc and play them in the programmed order.

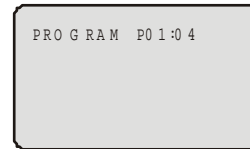
PLAY Super-VCD, VCD or CD

1. Push **PROGRAM**, the screen shows:



2. Push digital buttons orderly according to the sequence of the tracks to be programmed.

Example: Push 4



3. Push **PLAY** to start playing after the programming is finished.

4. Push **PROGRAM** to remove program play.

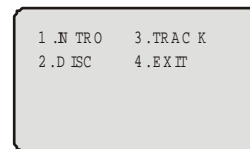
DIGEST PLAY

(For VCD, SVCD, CD only)

This function can be used to look through the content of a track or a disc.

Push **INTRO** after the unit stops.

The screen shows:



The unit plays usually each track for ten seconds.

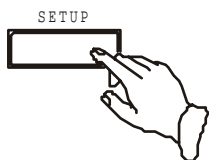
Note: There is different format in each disk, so playing time is different. Time follow disks.

X. FUNCTION SETTING

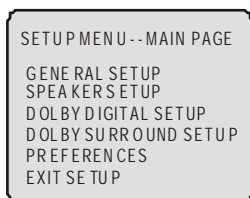
DVD MENU SETTING

According to the recorded information and external equipment, set the following functions for DVD to obtain the best playing status.

1. Push **SETUP** to set the main menu.



The screen shows:



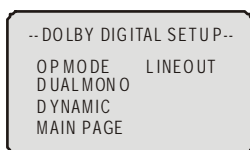
2. Push direction buttons (▲ ▼), and push **PLAY** to confirm.

Example: Select “DOLBY DIGITAL SETUP”.

Push ▼ to select “DOLBY DIGITAL SETUP”.

Push **PLAY** to confirm and enter “DOLBY DIGITAL SETUP”. The screen shows the sub-menu for your selection.

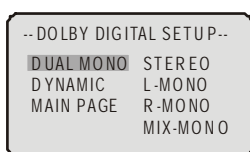
The screen shows:



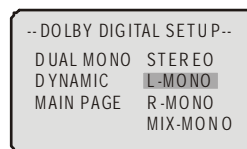
After entering the menu, the unit automatically selects a column.

Push the direction button ▼ to select. If you select “DUAL MONO”, the screen shows the content.

The screen shows:



Push the direction button to select “LEFT MONO”



Push **PLAY** to confirm.

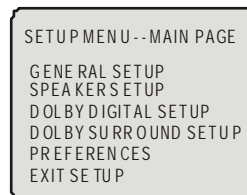
Set “DUAL MONO” in “DOLBY DIGITAL SETUP” to “LEFT MONO”.

3. Exit from menus.

Push direction buttons and **PLAY** to select the relevant exit column.

Push the direction buttons ◀ to exit from “L-MONO”.

Push the direction button ▼ to select “MAIN PAGE”, push **PLAY** to exit from the current column and return to the main menu.



Push ▼ to select “EXIT SETUP”, then push **PLAY** to exit from the menu.

GENERAL SETUP

The setting structure is as follows:

TVDISPLAY	>>	NORMAL/PS NORMAL/LB WIDE
TVTYPE	>>	AUTO NTSC PAL
PIC MODE	>>	AUTO HI-RES N-FLICKER
VIDEO MODE	>>	RGB YUV VIDEO
ANGLE MARK	>>	ON OFF
OSD LANG	>>	ENGLISH GERMAN SPANISH ITALIAN

		FRENCH
		DUTCH
		SWEDISH
		DANISH
AUDIO OUT	>>	ANALOG
		SPDIF/RAW
		SPDIF/PCM
CAPTIONS	>>	ON
		OFF
SCR-SAVER	>>	ON
		OFF
MAIN PAGE		

TV DISPLAY

1. NORMAL/PS

This is selected when the unit is connected with a normal TV.

Wide-screen images are shown on the screen, but with some parts cut automatically.



2. NORMAL/LB

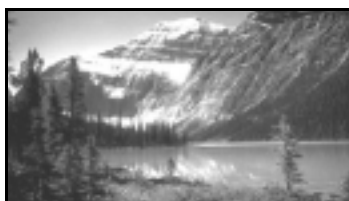
This is selected when the unit is connected with a normal TV.

Wide-screen images are shown on screen, with black belts on the top and bottom.



3. WIDE

This is selected when the unit is connected with a wide-screen TV.



TV TYPE

You may select according to the colour system of the TV

to be connected.

- ✧ Select "AUTO" for a multi-system TV.
- ✧ Select "NTSC" for a NTSC TV.
- ✧ Select "PAL" for a PAL TV.

PIC MODE

- ✧ Select "AUTO" for automatically setup.
- ✧ Select "HI-RES" for high-resolution picture.
- ✧ Select "N-FLICKER" for no flicker picture.

VIDEO MODE

- ✧ RGB: The OUTPUT is in RGB.
- ✧ YUV: The OUTPUT is in YUV.
- ✧ VIDEO: The OUTPUT is VIDEO.

ANGLE MARK

This only works when there is an angle mark on the disc.

- ✧ Select "ON", the screen shows the mark when playing a DVD.
- ✧ Select "OFF", the mark is not shown.

OSD LANGUAGE

- ✧ ENGLISH: The OSD is in ENGLISH.
- ✧ GERMAN: The OSD is in GERMAN.
- ✧ SPANISH•The OSD is in SPANISH.
- ✧ ITALIAN•The OSD is in ITALIAN.
- ✧ FRENCH: The OSD is in FRENCH.
- ✧ DUTCH•The OSD is in DUTCH.
- ✧ SWEDISH•The OSD is in SWEDISH.
- ✧ DANISH•The OSD is in DANISH.

AUDIO OUT

- ✧ ANALOG: No signal is output from the coaxial or optical port.
- ✧ SPDIF/RAW: Select this when the DVD player is connected with a power amplifier through optical or coaxial port. Please refer to the page 11. When a Dolby Digital DVD, DTS-DVD or MPEG-DVD is played, select this, the coaxial or optical port will output in the corresponding digital format (source code). The power amplifier to be connected must have Dolby Digital, DTS-DVD and MPEG-DVD is played, the optical or coaxial port will output in PCM 2-channel format.
- ✧ SPDIF/PCM: Select this when the DVD player is connected with a TV or a power amplifier through audio cord.

CAPTIONS

- ✧ ON: The hidden subtitle is shown.
- ✧ OFF: The hidden subtitle is turned off

SCREEN SAVER

Start the screen saver, the screen saver image appears when the unit stops or the image is motionless for a few minutes. This saver can keep the screen from being damaged.

- ✧ ON: Start the screen saver.
- ✧ OFF: Remove the screen saver.

SPEAKER SETUP

The setting structure is:

--SPEAKER SETUP--

DOWNMIX	>>	LT/RT STEREO VSS OFF
CENTER	>>	ON OFF
REAR	>>	ON OFF
SUBWOOFER	>>	ON OFF
CNTR DELAY	>>	5MS 3MS 1MS OFF
REAR DELAY	>>	15MS 9MS 3MS OFF
TEST TONE	>>	ON OFF

MAINPAGE

DOWNMIX

- ✧ LT/RT: Select the left track and the right track as output.
- ✧ STEREO: Select the stereo output
- ✧ VSS: Virtual Surround System
- ✧ OFF: Switch to 5.1 channel output: Left, Right, Rear Left, Rear Right, Centre and Subwoofer.

CENTER

- ✧ Turn on or off the center speaker.

REAR

- ✧ Turn on or off the rear speakers.

SUBWOOFER

- ✧ Turn on or off the subwoofer speaker.

CNTR DELAY

- ✧ Delay the center speaker output.

REAR DELAY

- ✧ Delay the rear speaker.

TEST TONE

- ✧ For testing the individual speakers when setting Dolby surround system.

DOLBY DIGITAL SETUP

The setting structure is:

--DOLBY DIGITAL SETUP PAGE--

OP MODE	>>	LINE OUT
DUAL MONO	>>	STEREO L-MONO R-MONO MIX-MONO
DYNAMIC	>>	FULL 6/8 4/8 2/8 OFF

MAIN PAGE

OP MODE

LINE OUT: Compress input signals linearly.

DUAL MONO

This is the output mode of the L and R signals of the set audio output. If it is set to "MIX MONO", the function only works when the DVD being played is 5.1-channel.

DYNAMIC

When the compression mode is set to "LINE OUT", this is selected to adjust linear compression rate to obtain the different compression results of the signals.

DOLBY SURROUND SETUP

The setting structure is:

--DOLBY SURROUND SET UP--

SURROUND	OFF ON AUTO
----------	-------------------

MAINPAGE

PREFERENCES

DEFAULT >> RESET
MAIN PAGE

The setting structure is:

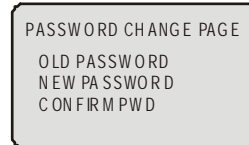
- AUDIO >> ENGLISH
FRENCH
SPANISH
SWEDISH
DUTCH
GERMAN
ITALIAN
DANISH
- SUBTITLE >> ENGLISH
FRENCH
SPANISH
SWEDISH
DUTCH
GERMAN
ITALIAN
DANISH
OFF
- DISC MENU >> ENGLISH
FRENCH
SPANISH
SWEDISH
DUTCH
GERMAN
ITALIAN
DANISH
- PARENTAL >> 1.G
2.
3.PG
4.PG13
5.
6.PG-R
7.NC-17
8.ADULT
NO PARENTAL
- PASSWORD >> CHANGE

SELECT LANGUAGE

If a language mentioned above is recorded on the disc, you can select sounds, subtitles or disc menu languages. If not, the first language recorded on the disc is shown.

PASSWORD SETUP

Select this to adapt the code, the screen shows:



Enter a code according to the screen.

Notes: If you forget your password, the default password of 3308 will still work.

PARENTAL

The content of a disc with lock function is evaluated by grades.

You can select an age grade as your need.

Example: Select "PG", the scenes of violence inadvisable to children are not played.

For adults, the screen suggests you enter the code after pushing **PLAY**, you can watch if the code is right.

Notes: The password is set by yourself.

DEFAULT (RESET)

Each function setting returns to the factory initial status if you select this.

XI. OTHERS

TROUBLESHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

No sound

- Check if the unit is connected securely.
- Make sure you operate the TV or amplifier correctly.
- Make sure you have selected DVD player position on the amplifier.

No image

- Check if the unit is connected securely.
- Make sure you operate the TV correctly.
- Make sure you set the colour system correctly.

Bad sound quality

- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is right.

Image rolls and no colour

- The colour system set by this unit does not match with that of TV. Push **P/N** on the remote control to select needed one.

Disc cannot be played

- There is no disc in the unit.
- Put the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit. Remove the disc and leave the unit on for about one hour.

No Phone sound

- Switch on the microphone.
- Turn the MIC LEVEL away knob clockwise.

Remote control does not work

- Remove barriers between the remote control and the unit.
- Replace the batteries with new ones.
- Point the remote control at the remote control sensor of the unit.
- Reference page 8.

TECHNICAL SPECIFICATIONS

Television system		NTSC/PAL/AUTO	
Frequency response		20Hz~ 20KHz	
Signal/noise ratio(Audio)		≥ 90 dB (At 1KHz,JIS A-Weighted)	
Distortion (Audio)		≤ -60 dB (At 1KHz0dB)	
Channel separation	1KHz	> 70 dB (Mixed output)	
	10KHz	> 70 dB (Mixed output)	
Dynamic range		≥ 70 dB	
Output Audio	Analogue	2.0±0.2Vrms	
	Digital	0.5±0.1Vp-p	
	Output impedance	< 1.5K•	
Output Video	Composite	1.0±0.2Vp-p Load impedance: 75•, imbalance, negative polarity	
	Output Impedance	75±7.5•	
	S-video out	Luma	1.0±0.2Vp-p
		Chro.	0.286±20%
Power Voltage		AC100~240V, 50Hz/60Hz	
Power consumption (Max)		25W	
Dimension(W×H×D)		430 × 55 × 290 mm	
Weight		4.5kg	

**Manufactured under license from Dolby Laboratories.
“Dolby” and the double-D symbol are trademarks of Dolby Laboratories.**

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.