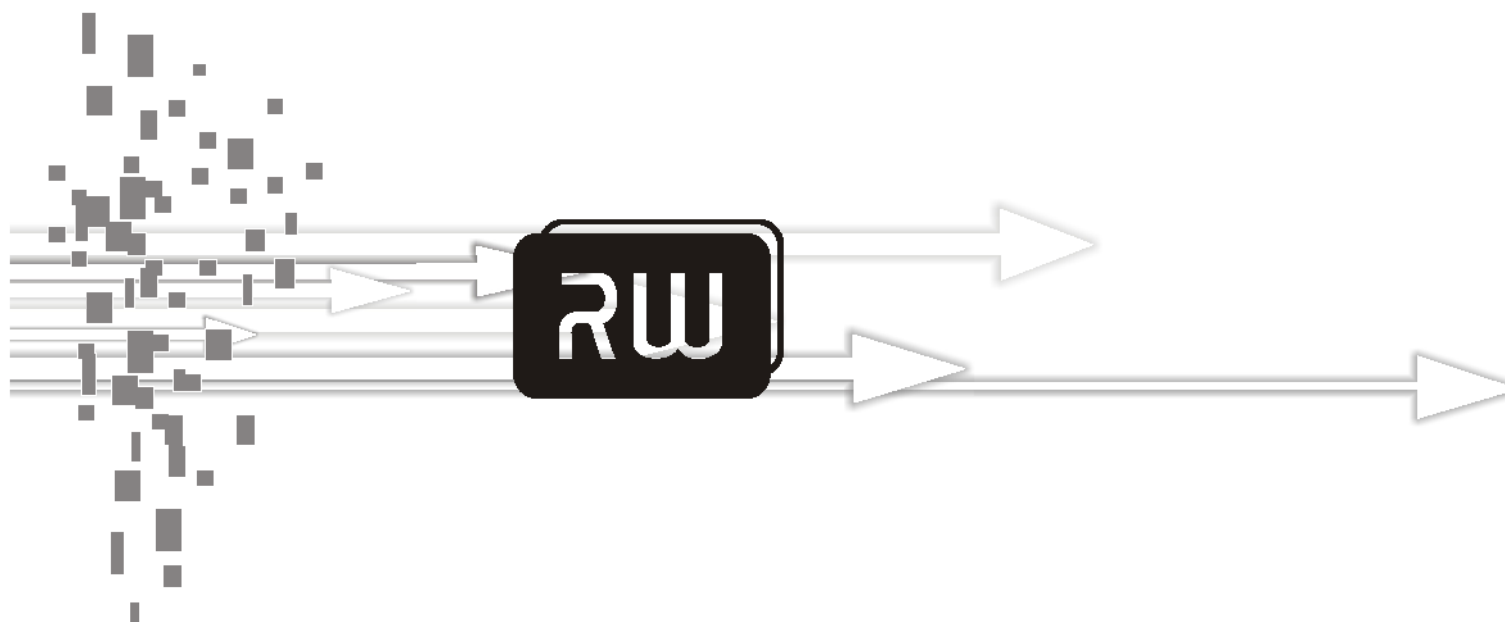

AWA DVD+RW RECORDER



DR711

USER MANUAL

CONTENTS

Features.....	2-3
For your Attention.....	4
Accessories.....	5
Front panel and rear panel.....	6-7
Operation and connection.....	8-11
Remote control.....	12-16
System Setup.....	17-30
Play.....	31-33
Program playing.....	34
Record function.....	35-36
Trouble shooting.....	37
Specification.....	38

FEATURES










Thank you for purchasing our product. Please read this manual carefully before connection and operation. Please keep this manual for future reference. Recording DVD player is compatible to all general DVD player about functions. What is more, it can record life silhouette and TV programme that you are interested and remain fine memory. At the same time, it is more powerful than general DVD player about the technology.

Recording DVD player is a new generation home player which can produce high quality video and audio for your continued enjoyment.

- Built in Dolby Digital, LPCM etc. digital audio decoder
- The latest recording function about DVD±RW, DVD±R.
- HiFi, 96kHz/24bit audio digital processor
- OPTICAL/COAXIAL digital audio output
- Compatible with DVD+RW/DVD-RW/DVD+R/DVD-R/VCD/CD/MP3/JPEG PICTURE CD
- Full function remote control
- High quality amplifier
- Four record signal source : TV, DV, AV and S-VIDEO
- Five optional recording qualities.

FEATURES

This unit can play the following types of discs:

Disc types	Symbol	Contents
DVD±RW		Audio+Video
DVD±R		Audio + Video
DVD		Audio + Video
AC-3		Dolby digital audio
SVCD		Audio+ Video
MP3		Audio
Video-CD (VCD/DVCD)		Audio + Video
CD-DA		Audio
Kodak Picture CD		JPEG Photo CD

Recording disc for the unit

DVD±R/RW		Rewriteable and Recordable disc
----------	--	---------------------------------

FOR YOUR ATTENTION

IMPORTANT NOTES:

- Please read through the manual carefully before connection and operation.
- Do not open the cover or touch any internal components.
- Turn off the power when the unit is not being used. (Unplug the power cord if the unit is not used for a long time). Plug, as the disconnected device entirely with power source, should keep in easy-to-operation in daily life.
- Don't expose this unit to direct sunlight. Keep away from any heating sources.
- Don't expose this unit to rain or moisture.
- Place the unit on a horizontal level. Keep the unit ventilated. Don't block the heat hole. Overheating may cause malfunction.
- Clean the cabinet with soft cloth. Detergent or alcohol is not recommended as it may damage the unit.
- This book is only a guide for user's operation.
- The apparatus shall not be exposed to dripping or splashing and no object filled with liquids, such as vases, shall be placed on the apparatus.



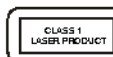
The lightning flash is intended to alert the user to the presence of dangerous voltage within the product's enclosure, and touching the internal components may result in a risk of electric shock to persons.



The exclamatory mark is intended to alert the user to the presence of important operating instructions.



To reduce the risk of electric shock or fire, do not open the cover. Refer servicing to qualified service personnel.



This mark indicates this unit belongs to class 1 laser product. The laser beam may produce radiation harm to the directly touching human body.

ACCESSORIES

ACCESSORIES

User manual



Remote control



A/V cable

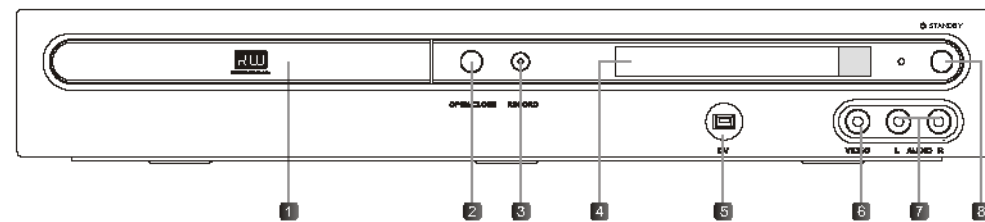


REMOTE CONTROL OPERATION

- Insert the batteries into the cell box. Points the remote control at the remote sensor within 8 meters and with a 30 degree of the left or right side.
- Take the battery out of the remote control when it is not being used for a long time.

FRONT PANEL AND REAR PANEL

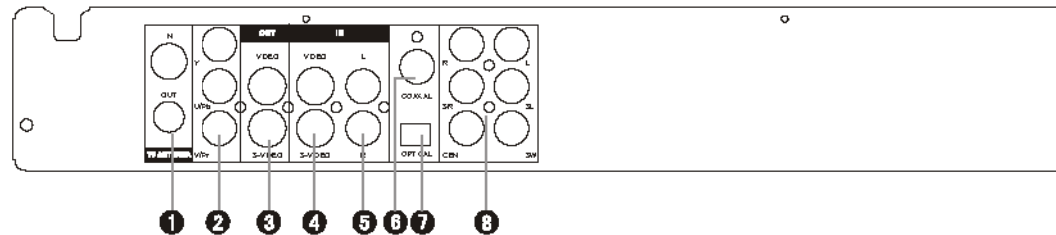
FRONT PANEL



- 1 DISC TRAY
- 2 OPEN/CLOSE BUTTON
- 3 RECORD BUTTON
- 4 DISPLAY SCREEN
- 5 DV1394 INPUT
- 6 VIDEO INPUT
- 7 LEFT/RIGHT AUDIO INPUT
- 8 STANDBY BUTTON

FRONT PANEL AND REAR PANEL

REAR PANEL



1. INPUT AND OUTPUT PORTS FOR TV ANTENNA
2. Y, U/Pb, V/Pr COMPONENT VIDEO OUTPUT
3. COMPOSITE VIDEO AND S-VIDEO OUTPUT
4. COMPOSITE VIDEO AND S-VIDEO INPUT
5. EXTRA 2CH AUDIO INPUT
6. COAXIAL DIGITAL AUDIO OUTPUT
7. OPTICAL DIGITAL AUDIO OUTPUT
8. 5.1CH ANALOG AUDIO OUTPUT

OPERATION AND CONNECTION

BEFORE MAKING CONNECTIONS

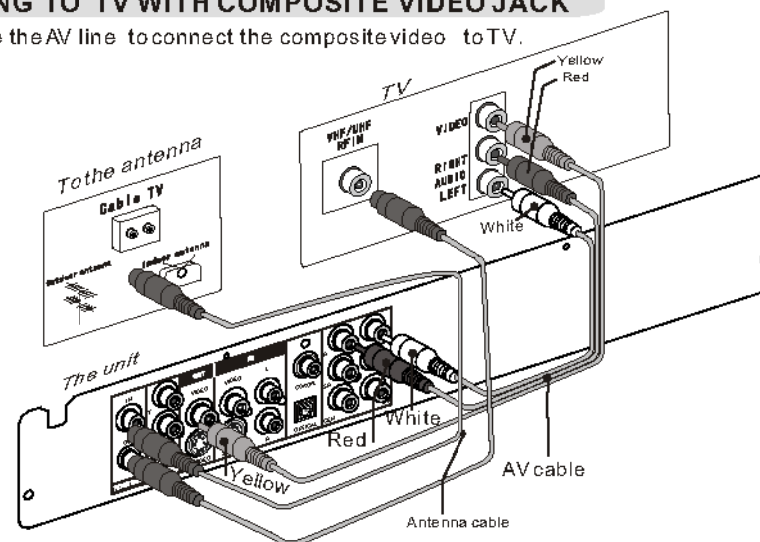
- 1) Do not connect the AC power cord until all other connections have been made.
- 2) Connect VIDEO OUT of the unit directly to the video input of your TV. Connecting VIDEO OUT of the unit to a TV via a VCR may cause a visual problem when playing back a copy-protected disc. You may also have a visual problem when connecting the unit to an integrated TV/Video system.

CONNECTING THE ANTENNA CABLE AND TELEVISION

Before using the unit, connect the unit to the antenna cable to TV according to the following connection drawing.

CONNECTING TO TV WITH COMPOSITE VIDEO JACK

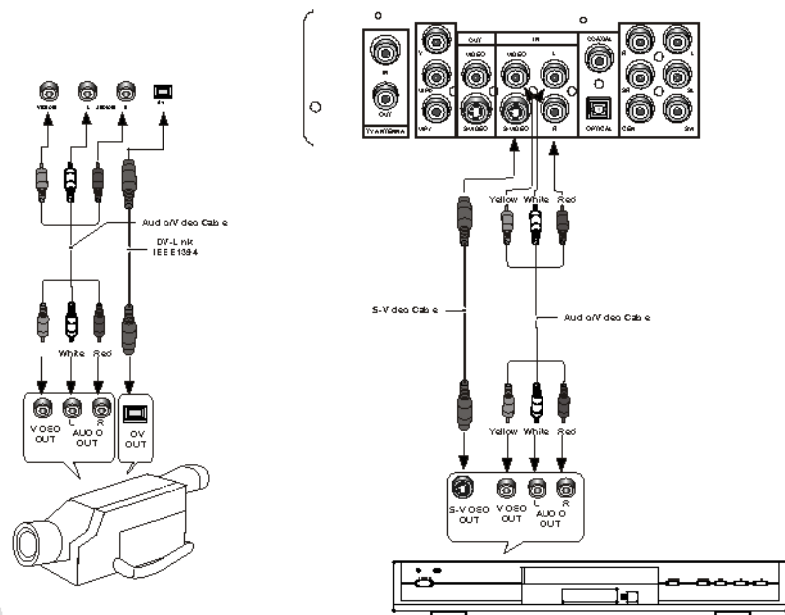
You can use the AV line to connect the composite video to TV.



OPERATION AND CONNECTION

SOURCE INPUT CONNECTION

Connect a Video Cassette Recorder or DV/V8 to the unit's input terminals.



NOTE

- When recording from the S-Video source, the audio input will come from the red (right channel) and white (left channel) audio input (labeled "R" and "L", respectively) on the rear panel.

OPERATION AND CONNECTION

VIDEO SYSTEM CONNECTION

- The following video output is available for the unit.

COMPOSITE VIDEO

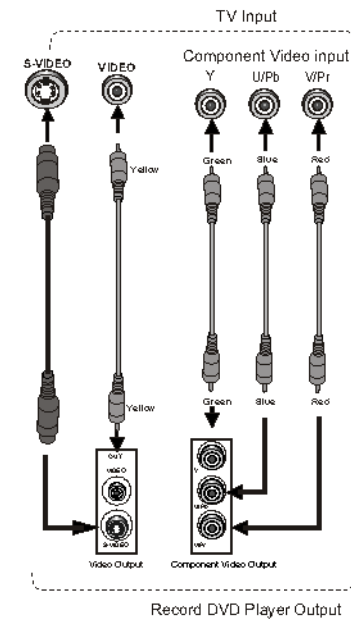
- Use the AV cable (yellow terminal) to connect composite video output of this unit to the TV/monitor video input.

S-VIDEO

- Use the S-video cable to connect the s-video output of this unit to the TV/monitor S-video input.

COMPONENT VIDEO (YUV)

- Use 3-core AV cables to connect the component video output terminals of this unit to the corresponding TV/monitor input.



NOTE:

- The actual connection depends on the TV/monitor input terminal.
- Don't use all the connections at one time, otherwise the picture will be affected.
- Only the physical connection conforms to the video setting can produce the normal picture (reference to the **Video Setup** in **System Setup**).

OPERATION AND CONNECTION

AVDIO SYSTEM CONNECTION

- The following video output is available for the unit.

5.1CH AUDIO OUTPUT

- Use three pairs of audio cable to connect the 5.1ch audio output of the unit to the 5.1ch audio input of external audio amplifiers or other players.

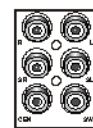
COAXIAL DIGITAL AUDIO OUTPUT

- Use the specified coaxial cable to connect the coaxial output of this unit to the coaxial input of power amplifier.

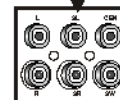
OPTICAL AUDIO OUTPUT

- Use an optical cable to connect the optical audio output of this unit to the optical input of a power amplifier.

5.1CH audio input of the amplifier



5.1CH audio output of the unit



Optical/Coaxial Audio Input



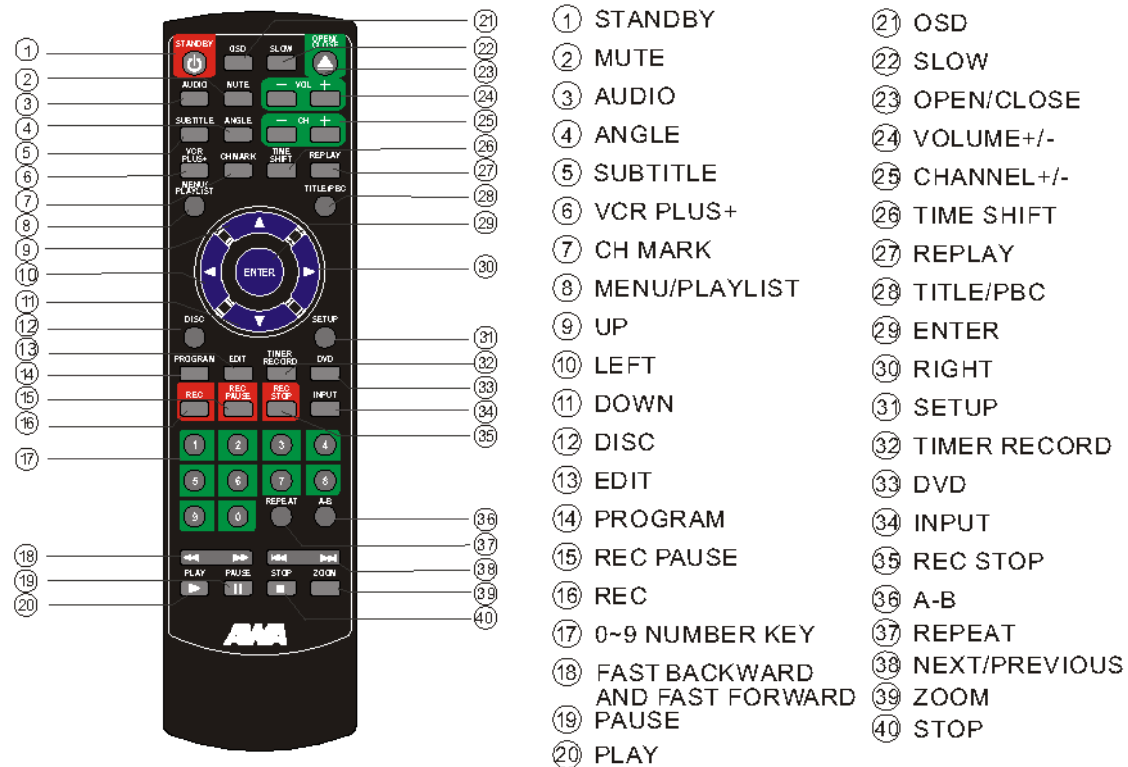
Digital audio output of the unit

DIGITAL AUDIO

NOTES:

- The physical connection should comply with audio output setup of this unit. Please refer to **AUDIO SETUP PAGE** in **SYSTEM SETUP** menu.

REMOTE CONTROL



REMOTE CONTROL



STANDBY

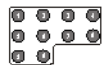
- Switch on the unit. / Put the unit in standby mode.

Note: Being in the standby mode uses a minimal amount of electricity, but ensures that the components of the unit operate at maximum efficiency from the moment you start.



OPEN/CLOSE

- Open/ close the disc tray.



DIRECTION KEYS



- The digit keys can be used to input the corresponding numbers.
- After the unit loading a VCD1.1 or CD disc, the digit keys can be used to select a track directly to play. For example, press [0] and [2] to select the second track, press [1] and [5] to select the 15th track.



ENTER

- The direction keys can be used to move the highlight in the menu.
- The direction keys can be used to make selections in the menu.



INPUT

- Switch the input signal sources.



DVD

- Switch the input signal source to DVD.



REC

- Start recording to the disc (DVD±R and DVD±RW) in the disc tray.



REC PAUSE

- Pause recording for the duration of recording. Press [REC] to resume recording.



REC STOP

- Stop recording for the duration of recording.



EDIT

- Press to enter the menu for disc editing. (Note: This only applies when the disc is recordable.)

REMOTE CONTROL



DISC



TIMER
RECORD



PROGRAM



OSD



REPEAT



A-B



SLOW



- VOL +



ZOOM



● Press to enter the time recording menu. (Note: The function is only applied in America.)

● Press to enter the disc operation menu. (Note: This only applies when the disc is DVD±R and DVD±RW)

● Press to enter the time recording menu.

● If the disc has two or more tracks, chapters or titles, press this button to enter the program menu to program the order of playback.

● Press to show/hide the relative information of the currently playing disc.

● Press to repeat a title, chapter, track or the whole disc.

When a DVD disc is playing, press this button repeatedly to switch among chapter repeat, title repeat, all repeat and repeat cancel.

When a VCD or CD disc is playing, press this button repeatedly to switch among track repeat, all repeat and repeat cancel.

When a MP3 disc is playing, press this button repeatedly to switch among single repeat, directory repeat and repeat cancel.

● You can repeat a specific section of a disc with this button.

When a DVD, VCD or CD disc is playing, press this button to mark down the starting point (A) and press it again to mark down the ending point (B). Then, the unit will playback this section over and over again. Press it for the third time to cancel A-B repeat and resume to the normal playback.

Note: Points A and B must be in the same title/ track.

● Press repeatedly for slow-motion playback in different speeds. Press [PLAY] to resume to normal playback.

● Press to adjust the volume.

● When playing DVD or VCD disc, press ZOOM to zoom in/out the picture.
In zoomed-in mode, you can move the picture with the direction keys.

REMOTE CONTROL



ANGLE

● Press to switch the viewing angle if the playing disc has multiple camera angles recorded onto it.



AUDIO

● Press to switch the audio language if the playing DVD disc has multiple audio channels.



SUBTITLE

● Press to show/switch or hide the subtitle if the playing DVD disc has (multiple) subtitle(s).



CH MARK

● Press to add a chapter mark during recording to a disc or editing a disc.



● Press to switch over TV channels. (Note: The two keys work even if the signal source is not TV.)



● Press for fast reverse/forward playback.



● Skip to the previous/next track or chapter.



PAUSE

● Press to pause the playing disc. Press [PLAY] to continue the playback.



PLAY

● Press to play the disc.



STOP

● Press to pause the playing disc, then press [PLAY] to continue the playback; press for the second time to stop the disc and the disc will be reset to the start point.

REMOTE CONTROL

TITLE/PBC



- Press to return to the title menu when a DVD disc is currently playing.
- Press to show/hide the PBC menu when a VCD 2.0 etc is currently playing. (Note: VCD1.1, CD-DA and Mp3 disc have no PBC function.)

MENU/
PLAYLIST



- Return to the previous menu when playing DVD disc

SETUP



- Press to show the setup menu. Press it again to exit it.

TIME SHIFT



- When playing DVD, VCD or CD disc, press it to skip forward thirty seconds.

REPLAY



- When playing DVD, VCD or CD disc, press it to skip backward ten seconds.

MUTE



- Switch off/on the sound.

SYSTEM SETUP

INITIAL SETUP WIZARD

Switch on the power supply and the recording DVD player start working. The system will setup automatically and appear the following prompt when the machine is used at the first time.



After carrying through desired setup according to the prompt, the system will remind you to use as soon as it finish setup automatically .



Select FINISH option and you may use it at once.

SYSTEM SETUP

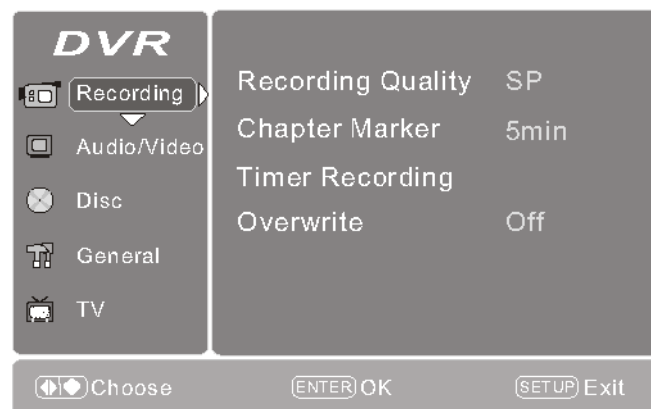
MENU OPERATION

Press the SETUP key on the screen to show the setup page. In setup mode, press SETUP key again to quit the setup page. Press direction key to the desired item, press ENTER button to confirm.

- (1) Some setup items are concerning the present modes.
- (2) The items in gray can't be set up.
- (3) The setup is memorized and will be kept after the power has been turned off.

SYSTEM SETUP

During working mode, press setup button and menu setup page will appear on the screen, and it is as follows:



System setup menu includes five opinions: RECORDING, AUDIO/VIDEO, DISC, GENERAL and TV.

SYSTEM SETUP

Recording SETUP PAGE



- **Recording Quality**

Press Right/Left to highlight the Recording Quality icon, and press Enter and Up/Down to select the record quality, after your selection, press Enter to confirm it.

HQ: High Quality, you can record for up to 1 hour in a blank disc.

SP: Standard Play, you can record for up to 2 hours in a blank disc.

LP: Long Play, you can record for up to 3 hours in a blank disc.

EP: Extended Play, you can record for up to 4 hours in a blank disc.

SLP: Super Long Play, you can record for up to 6 hours in a blank disc.

- **Chapter Marker:** Press Right/Left to highlight the Chapter Marker icon, and press Enter and Up/Down to select the 5min, 10min, 15min and Off Option, after your selection, press Enter to confirm it.

This setup is used to make sure whether insert the chapter marker automatically when recording.

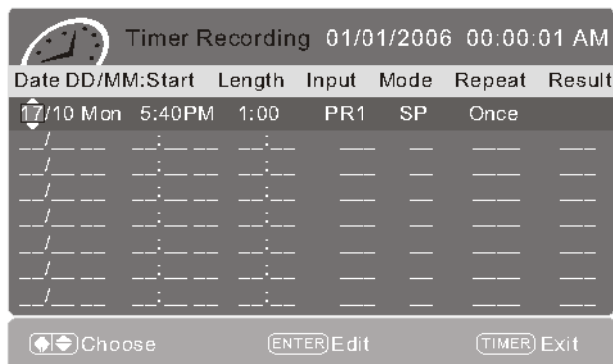
SYSTEM SETUP

● Timer Recording:

User can set the program you want to record and its time in advance. There are two setting modes: Manual Timer Recording and VCR Plus+.

Manual Timer Recording:

1. Press [Timer REC] or select Timer REC from setup menu to access Timer Recording menu.



Date DD/MM:Start	Length	Input	Mode	Repeat	Result
17/10 Mon 5:40PM	1:00	PR1	SP	Once	
----	----	----	----	----	----
----	----	----	----	----	----
----	----	----	----	----	----
----	----	----	----	----	----
----	----	----	----	----	----
----	----	----	----	----	----

Choose Edit Exit

2. Use LEFT/RIGHT keys to switch from one item to another and UP/DOWN keys to cycle through digits/options to input your desired setting.

3. The value of a timer recording duration depends on the max DVD±R/±RW disc capability and the recording modes (i.e. Recording qualities).

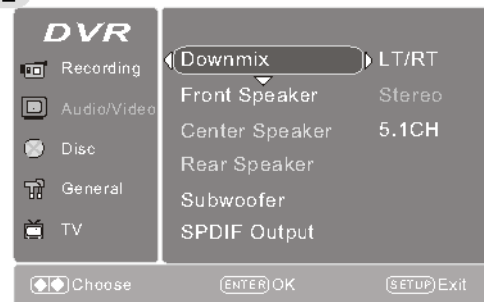
4. After finishing the setting, press PLAY/ENTER to confirm. To exit timer recording schedule menu, press [Timer REC].

Note: If the length you set exceeds the available recording time according to the quality you set, there is a message box pops up to indicate that the recording exceeds disc space limitation.

● **Overwrite:** Allow user to overwrite a new video recording to a title recorded previously. Use UP/DOWN keys to switch this feature On or Off.

SYSTEM SETUP

Audio/Video SETUP PAGE



- **DOWNMIX:**
LT/RT: The audio out is Left and Right channel format even if the original sound is 5.1CH format.
STEREO: The audio out format is stereo even if the original sound is 5.1CH format.
5.1CH: Turn off downmix function. If playing 5.1CH discs or the unit is connected with 5.1 channel amplifier, this item should be selected.
- **Front Speakers:** Change frequency range of the output audio .
- **Center Speaker:** The item is available only when downmix mode is "5.1CH"
- **Rear Speakers:** The item is available only when downmix mode is "5.1CH" .
- **Subwoofer:** Switch on the output of woof speaker.
- **SPDIF Output:** digital signal output is off (optical or coaxial output off), only analog audio output .
SPDIF Off: On or Off SPDIF
SPDIF/RAW: digital signal output in the original format recorded in the disc.
SPDIF/PCM: digital signal output in the decoded PCM format.
- **Post DRC:** You can select one item to set it.
- **HDCCD:** High Definition Compatible digital (HDCCD) is a patented encode/decode process for delivering the full richness and detail of the original microphone feed on compact disc (CD) and DVD-Audio.
 Select Upsampling Frequency between 1X and 2X.
 Select Off to disable this function.

SYSTEM SETUP

- **QUALITY**

Brightness: Adjust the light of the image.

Contrast: Adjust the contrast of the image.

Hue: Adjust the hue of the image.

Saturation: Adjust the saturation of the image.

- **TV DISPLAY**

Normal/PS: When the unit connects to the normal TV set, the wide-screen image shows on the full screen, however part of the image will be cut off.

Normal/LB: When the unit connects to the normal TV set, the wide-screen image shows and black bars appear on the top and bottom of screen.

Wide: Use this item when the unit is connected to the wide-screen TV set.

- **Scan Mode**

Interlace: select the item, the component video will output in the form of interlaced scanning.

P-scan: select the item, the component video will output in the form of progressive scanning.

Note : VGA output is only suit to the progressive scanning mode.

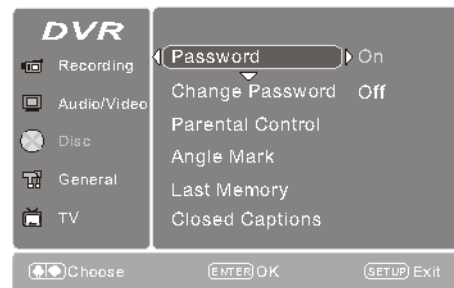
- **COMPONENT**

OFF: Set video output to the composite video .

YUV: set video output in analog component video format when connecting to Y/U/V terminals.

SYSTEM SETUP

DISC SETUP PAGE



- **Password:** When the item is set ON, the password can be modified.
- **Change Password:**
Change the password. The initial factory password is 810500. You can set your own password. If you forget your own password you can use 810500 as the general Password.

Password	X X
New Password	
Confirm PWD	
<div>OK Cancel</div>	

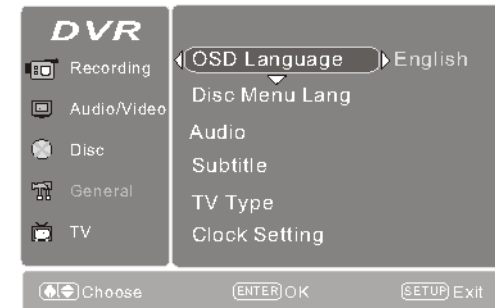
SYSTEM SETUP

- **PARENTAL CONTROL:**
The control level is for parental to control playing content and protect your children from violence and eroticism. The disc which level is higher than the setting level can not be played.
- **ANGLE MARK**
It will show the ANGLE mark when playing DVD disc with multi-angle view if selection is ON.
- **LAST MEMORY**
When this function is on, the unit can memorize the time elapsed from the last time you played the disc. Then at the next playing, it will resume playing from the memorized time.
- **Closed Captions**
This function doesn't work when the disc is without captions.

SYSTEM SETUP

GENERAL SETUP PAGE

- **OSD Language**
Select on-screen display language.
- **AUDIO, SUBTITLE, DISC MENU LANGUAGE SETUP**
These are the initial settings by your preference. If a setting is supported by the disc content, it will work. Otherwise the disc default value works. And these settings can be changed respectively by press the key [AUDIO] ,[SUBTITLE] when playing.
- **TV TYPE**
This unit support PAL ,AUTO and NTSC TV systems.
AUTO: the DVD video system is automatically switched according to the disc system.
NTSC: Select this option when the recorder is connected with NTSC TV.
PAL: Select this option when the recorder is connected with PAL TV.
- **CLOCK SETTING**
Manual setup: Adjust time and date manually by pressing the number buttons and ◀/▶ Buttons.



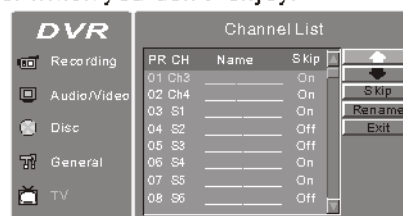
- **TIME SYSTEM**
12 hours: Set the system clock to time for 12 hour.
24 hours: Set the system clock to time for 24 hour.
- **SCREEN SAVER**
If the SCREEN SAVER is set ON and the unit is switched on without a disc playing for several minutes, a moving picture appears on the screen and the unit will go to standby mode after 20 minutes. You can press the STANDBY key on the remote control to wake it up.
- **AUTO GO TO DV**
If set this option [On], when a DV is connected, the recorder will playback the content in DV automatically.
- **USER DEFAULT SETUP**
Reset to the initial factory settings.

SYSTEM SETUP

TV SETUP PAGE



- **Edit Channel List** Refer to the prompt on the screen. Not only can you name for the channel which you enjoy, but also you can hide the channel which you don't enjoy.



- **Automatic Search**

1. Use UP/DOWN keys to select [Automatic Search] then press ENTER.
2. A dialog box with a progress bar pops up. The default focus is on [OK] button, then press ENTER to confirm and start search. To cancel and exit, select [Cancel] and press ENTER.
3. When finish searching, exit the dialog box.

- **MANUAL SETTING:** When input source is in tuner mode, select [Manual Search] from the [System] menu, then the following interface appears.



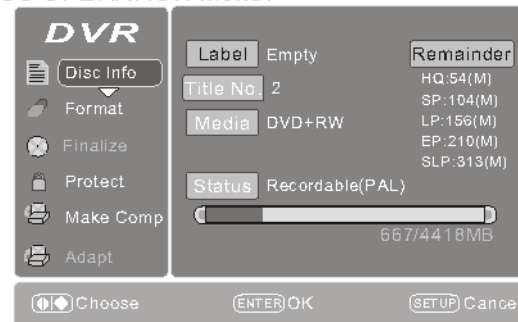
1. The default focus is the frequency bar. Use LEFT/RIGHT keys to change the frequency. Use Fast FORWARD/Fast REVERSE to find the next/previous available channel. Then press ENTER to confirm the desired frequency.
 2. Use UP/DOWN keys to switch the focus from frequency bar to another option. There are other four options: [PR], [CH], [SCH], and [Standard].
[PR]: Use LEFT/RIGHT keys to select desired program that you want to do manual search. That is to say, find another program for this PR by changing the frequency.
[CH/SCH]: The channel of CH or SCH. When either of the two is focused and edited, the other will turn to gray.
 3. Press PLAY/ENTER to confirm the setting and exit.
- NOTE: The same channel (CH or SCH) may map with different PR. In addition, the undefined Prs all map with CH02.

- **COUNTRY SETTING:** Set current country.

SYSTEM SETUP

DISC OPERATION

Press DISC button to DISC OPERATION menu:



DISC OPERATION menu included six options. According to the screen prompt to perform the suitable operation as your preference.

Note: The function is only available for the DVD±R or DVD±RW disc, and some options are applied in particular.

DISC INFO

The function is used to show the capability, label of the disc.

FORMAT

Clear all contents in the disc and the prompt is as following.

Note: The function is only suitable to the DVD±RW disc and the data can't be resumed after clearing empty. Be careful to use it.

SYSTEM SETUP

FINALIZE

When the item setup is on, even if the disc has enough remain space, the disc won't be recorded in the future. Be careful to use it.

Note: The item is only suitable to the DVD±R/-RW disc.

PROTECT

The item can prevent the recorded content in the disc from being deleted randomly. And the disc won't be erased or recorded until the setup is off.

Note: The item is only suitable to the DVD±RW, DVD±R disc.

MARK COMP

After selecting the item, the system will deal with DVD disc and make the chapter mark so that other recording DVD player identify.

ADAPT

After selecting the item, the disc will be identified and read for other kinds of designs.


DISC EDITING

When a DVD±R or DVD±RW disc is currently playing, then press [Edit] to show the disc editing page, as follow:



- **Erase:** Delete the current title selected.
- **Select:** select current title.
- **Rename:** Select the item and press enter button to confirm, this you can name title freely according to the prompt.
- **Chapter Edit:** Select the item and press enter button to confirm, and enter into the editing chapter window.
Play: Select this item to play the selected chapter.
Add mark: Select this item to add a mark(s) in a chapter. Select this item, and the unit begins to play the selected chapter. Press [CH MARK] to add chapter marks where you want to add.
Deleting chapter: Select this item to delete the selected chapter mark.
Hiding chapter: Select this item to hide the selected chapter.















SYSTEM SETUP

- **Index:** Elect this item to reset the index picture for a title. Select this item, and the unit begins to play the selected title. Use [FAST FORWARD], [FAST REWIND] etc to look for the scene you want to set as the index picture. Press [REC] to set the current scene as the index picture for the selected title. Press [STOP] to cancel.
- **Divide:** After select the function, the system will play the first chapter of the selected title. Use FORWARD/REVERSE, PREVIOUS/NEXT keys to find the point that to divide the title. Then press REC to divide. A progress bar pops up.
- **FINALIZE:** Finalize a disc to make the disc can be played on a regular DVD player or computer or computer with a DVD-ROM drive. Use UP/DOWN keys to select [Finalize] option on the left side. A dialog box appears. Select [OK] to confirm. A progress bar pops up to indicate the rate of progress.
NOTE: Once you finalize a disc, it can be played on other DVD players that you cannot edit or add any content. DVD+RW disc do not need to be finalized. For the DVD+RW disc, you can unfinalize it. The DVD±R-RW disc is not allowed to be unfinalized.
- **Protect:** Protect the desired title, which will protect the disc from operations (Apart from the following operations: unprotect, play and format). Use UP/DOWN keys to select the title you want to protect. Use UP/DOWN keys to select [Protect]. Then a progress bar appears. A lock mark  will appear on the bottom right of the title's thumbnail.
TIP: For a protected title, you can unprotect it by selecting Unprotect option on the left.
- **Format:** Use UP/DOWN keys to select [format]. A progress bar pops up.
NOTE: All the contents of the disc will be erased after formatting.

PLAY

PLAYING DVD DISC

After placing DVD discs in the tray, you can carry out all kinds of operation by the remote or the key in the front panel. Press OSD button, the following interface will appear on the screen.

					
01 / 18	001 / 001	0:00:02	Off	Off	Off
	Present/Total Title: Show the current title number and total number of titles. Use UP/DOWN keys to skip to desired title. Alternatively, press ENTER and use the 0-9 NUMBER keys to input the number of desired title.				
01 / 18					
	Present/Total Chapter: Show the current chapter number and total number of chapters. Use UP/DOWN keys to skip to desired chapter. Alternatively, press ENTER and use the 0-9 NUMBER keys to input the number of desired chapter.				
001 / 001					
	Elapsed/Remainder Time: Use UP/DOWN keys to highlight the information as below: chapter elapsed playing time, chapter remainder playing time, title elapsed playing time, title remainder playing time. Press ENTER and use the 0-9 NUMBER keys to input the desired time point.				
0:00:02					
	Audio: Show the current audio soundtrack language, encoding method. Use UP/DOWN keys to highlight the desired item and press ENTER to change the setting.				
Off					
	Subtitle: Use UP/DOWN keys to highlight different subtitle language and press ENTER to confirm. Highlight Off and press ENTER to hide the subtitle.				
Off					
	Repeat: Use UP/DOWN keys to highlight different repeat mode and press ENTER to confirm				
Off					
	Repeat A-B: Playback selected segment (A-B) of one file repeatedly. Use UP/DOWN keys to set chosen starting point A, chosen starting point B, and A-B repeat Off.				
Off					
	Random play icon: press LEFT/RIGHT button to select the item and press enter button to confirm. The default setup is off.				
Off					

PLAY

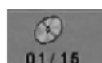


Language: Set language that is displaying on the screen.
Use UP/DOWN keys to highlight desired language and press ENTER to confirm.

• PLAYING CD,VCD DISCS



After placing VCD or CD disc in the tray, the system will play automatically, and the operation is as the same as the other of the DVD disc. Press OSD button, the above interface will appear at once.



TRACK ICON: Press ◀ / ▶ button to select the item and press ▼ / ▲ button to select the previous or next track. The number below the title show current track and tracks total.



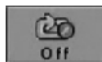
PLAYING TIME ICON: Press ◀ / ▶ button to select the item and press ▼ / ▲ button to select track elapsed, track remain, all tracks elapsed or all tracks. (The PBC setup must be off.)



AUDIO SELECT ICON: Operations are the same as others of DVD disc. At time, you can select LCH, RCH, STEREO or MIXED CHANNEL four recommended audio output modes.



PBC CONTROL ICON: Press ◀ / ▶ button to select the item and press ▼ / ▲ button to make PBC on or off, then press enter to confirm.



REPEAT SELECT ICON: The operation is as the same as DVD disc.



A-B REPEAT ICON: The operation is as the same as the DVD disc.



RANDOM PLAY ICON: The operation is as the same as the DVD disc.



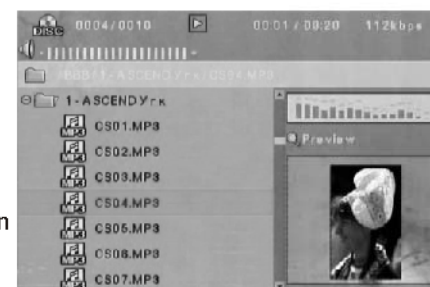
OSD LANGUAGE ICON: The operation is as the same as the DVD disc.

PLAY

● PLAYING MP3, CD PICTURE DISCS

After placing DATA disc into the tray, the following interface will appear.

A data disc contains the data file such as MP3 file, JPG file, MPEG file, etc. You can also use CD-R, CD-RW, DVD±R, and DVD-RW to make a data disc.
Use UP/DOWN keys to select the folder and press PLAY/ENTER to open the folder.
Use PROGRAM keys to sequence play, press it again return folder play menu.
Use TITLE/PBC keys to switch select track and select time.



When playing picture cd disc, press stop button, 12 pieces of small picture will show on the TV screen. And press ◀ / ▶ button to select the desired picture. Except for above information, there are four small icons (◀ ? ▶ ▶▶) and they are useful for looking through the picture. When you select the help icon of them, the following help window will appear. According to the prompt, you can enjoy the picture easily. For example, mirroring, zooming, panning, rotating pictures and so on.

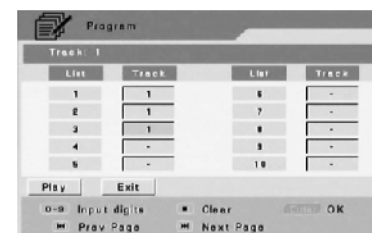
Remote Key Function	
Program	Transition Effect
Stop	Thumbnail Mode
▶▶	Next Picture
◀◀	Previous Picture
◀	Invert
▶	Mirror

Remote Key Function	
◀	Contrarotate
▶	Rotate Clockwise
Zoom	Switch Zoom Mode
▶▶	Zoom IN
◀◀	Zoom Out
◀▶	PAN IN Zoom Mode

PROGRAM PLAYING

PROGRAM PLAYING

If the disc includes 2 or more tracks, chapters or titles, you can set up the playing order as your preference. Press PROGRAM button to enter into program menu. And the menu is as following, the left is DVD program window, and the right is VCD program window.



In program mode of playing DVD, press ▼ / ▲ button to move cursor to list number item, then input parameter of Title and Chapter by the digital key in the remote. After set up the playing order, press play to start program playing as your preference. And the system will cancel program playing if you press PROGRAM button again in the remote or select the EXIT menu option above the window. You can also look through program pages by the PREVIOUS and NEXT buttons. The program operation of VCD is nearly the same as DVD. It is easy to set up according to the prompt on the screen.

Note: The input number value of the titles, chapters or tracks can not be larger than the number in the disc

RECORDING FUNCTION

• DV INPUT RECORDING:

Allow the basic DV control operations with recorder is remote control.

1. Connect a DV link cable to the front panel DV input jack. Press INPUT repeatedly to switch source to DV.

2. Power on the camcorder and press PLAY/ENTER on the DV control panel. Then the DV start to play and the video picture appears on the screen.

REVERSE[◀◀]: Backward and the playback speed will cycle with each press se: -1X, -2X, -3X, -4X, -5X, -6X, -7X, normal.

FORWARD[▶▶]: Forward and the playback speed will cycle with each press as: 1X, 2X, 3X, 4X, 5X, 6X, 7X, normal.

PAUSE: Pause playback.

STOP: Stop playback the content of DV.

PREVIOUS/NEXT: View the information on [NoiseReduct] and [Mix Ratio].

Note:

Set DV option to [on] on General setup menu (Setup-General setup-DV), Then the recorder switch to DV mode automatically when a DV is connected.

DV Recording:

1. Press INPUT repeatedly to switch source to DV.

2. Set recording quality and auto chapter if needed.

3. Press REC to start recording. The progress bar appears.

REC PAUSE: Press PAUSE to pause recording. Press PAUSE again to resume recording.

STOP: Stop recording.

Note:

a) Recording stops automatically if there is no signal of DV.

b) Power on DV before a timer recording.

RECORDING FUNCTION

- **OTR RECORDING:**

One-Touch RECORDING is abbreviated to OTR. Only when extern video is inputted, the system will record automatically as soon as you press REC button ,and press it again, the recording time will change.



recording for 30 minutes



recording for an hour



recording for more than an hour

When being in the state of the recording, press REC PAUSE button to break off recording and press REC STOP button to stop recording. It take ten second or so to quit the recording state and the corresponding interface is as following.



stop recording



pause to record

TROUBLE SHOOTING

Before resorting to maintenance service, please kindly check by yourself with the following chart.

Symptom	Cause(s)	Solution
No power	● The power cord isn't connected	● Connect the power cord properly
	● Fuse melting	● Replace a same specification fuse! ⚠
No picture	● TV video setup isn't correct	● Select the suitable setup
	● Player video setup isn't correct	● Select the suitable setup
	● Video cable isn't connected well	● Connect the cable properly
No sound	● Audio cable isn't connected well	● Connect the cable properly
	● Source select incorrect	● Switch to the proper source
	● Audio setup isn't correct	● Select the suitable audio setup
Distorted picture	● Dirty disc	● Clean the disc
	● In fast forward or fast rewind mode	● Sometimes, the tiny distortion appears. It's normal
Luminance unsteady or picture with noise	● Anti-copy circuit influence	● Connect the DVD unit to TV directly
Unable to play	● Without disc	● Load the disc
	● Disc is bad	● Clean or replace the disc
	● Disc is put upside down	● Load the disc properly
	● Dirty disc	● Clean the disc
	● There are menu on TV screen	● Use SETUP to turn off menu
	● Parental control is working	● Set up parental off or change the setup
Key malfunction	● Power wave or other static interference.	● Turn on/off the power and try again.
	● Doesn't work	● Point the remote control at the sensor
Remote control Doesn't work	● Remote control is too far from DVD unit	● Operate the remote control within 7m
	● Batteries are weak.	● Replace the batteries
Can't locate any channels in tuner mode	● Antenna is not connected	● Connect antenna
	● Source mode is not in tuner mode	● Switch to tuner mode

SPECIFICATION

Power Supply	AC ~100V-240V/50Hz-60Hz
Power Consumption	35W
Signal Modulation	PAL/NTSC
Radium Laser	Wavelength 650nm,780nm
Frequency Response	DVD audio:4Hz-22kHz(48kHz sample frequency) 4Hz-44kHz(96kHz sample frequency) CD audio:40kHz-20kHz(4Hz-20kHz)
S/N:	≥90dB
Dynamic Range	≥90dB
Trembling Rate	≤60dB
Operation Condition	Temprature:0-40DEG;Operation:level
Video out	1.0V (P-P) , 75Ω
S-Video out	(Y) 1.0V(P-P),75Ω (C) 0.286V(P-P),75Ω
Simulate audio out	2.0V(rms)
Receiving Modulation	PAL PAL D/K PAL B/G SECAM L SECAM D/K SECAM B/G