

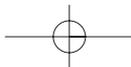
Digital Video Disc Player & Video Cassette Recorder



Let's make things better.



PHILIPS



Introduction

Thank you for purchasing this Philips DVD/VCR. This Owner's Manual explains the basic operation of this DVD/VCR.

Environmental Information

All unnecessary packaging has been omitted. Packaging has been made easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet). Your DVD/VCR consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Supplied Accessories

- Remote control
- Batteries (two AA size) for Remote control
- AV cable
- RF Coaxial cable
- Owner's Manual

Safety Information

- To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.
- Before operating the DVD/VCR, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) is identical with the voltage of your local power supply. If not, please consult your dealer.
- Place the DVD/VCR on a flat, hard and stable surface.
- There must be sufficient room in front of the player for the disc tray to be opened.
- In cabinet, allow about 2.5cm (1inch) of free space all around the player for adequate ventilation.
- Do not expose your player to extreme of temperature or humidity.
- If the DVD/VCR is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the DVD/VCR player. Should this occur, the DVD/VCR would not operate normally. Leave the player on for about one hour with no disc in the DVD/VCR until normal playback is possible.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- Never spill liquid of any kind on this unit. If liquid is spilled into the unit, consult qualified service engineer.
- **When the DVD/VCR is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

Note:

This Player can be used only where the power supply is AC 230V-240V, 50Hz. It cannot be used elsewhere.

**FOR YOUR SAFETY (in Australia):
Install any external aerial to AS 1417.1**

Notice for the progressive scan outputs

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 625 progressive scan picture problems, it is recommended that the user switch the connection to the 'standard definition' output. If there are questions regarding our TV set compatibility with this model 625p (576p) DVD player, please contact our customer service centre.

General Information

The region code for this set is 4.

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not playback, and should be unloaded.



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

For Customer Use:

So that you can identify your machine for service questions or in the event of theft, enter the serial number here. The serial number (PROD. NO.) is printed on the type plate fixed at the back of the device.

Model No. DVP620VR

Serial No. _____

Laser safety

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

LASER

Type	Semiconductor laser GaAlAs
Wave length	655 nm (DVD) 790 nm (VCD/CD)
Output Power	0.8 mW (DVD) 0.5 mW (VCD/CD)

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

**(WARNING
LOCATION:
ON THE
BACKPLATE OF
SET)**

About the PBC Function of Video CD

- This unit conforms to ver.1.1 and ver.2.0 of VIDEO CD standard, with PBC function.
 - Ver.1.1 (without PBC function): You can enjoy playback picture as well as music CD.
 - Ver.2.0 (with PBC function): When using a VIDEO CD with PBC function, "PBC" appears on the display.
- "PBC" stands for Play Back Control.
- Video CD with PBC function has its original menu. Menu operation may vary depending on the disc. Refer to the manual included in the disc for details.
- "pbc" appears on the front panel display when a Video CD with PBC function is loaded.



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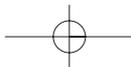
Symbols Used in this Manual

The below symbols appear in some headings and notes with the following meanings:

	- Description refers to playback of DVD-video discs
	- Description refers to playback of Audio CDs
	- Description refers to playback of video CDs
	- Description refers to playback of MP3 files
	- Description refers to playback of JPEG files

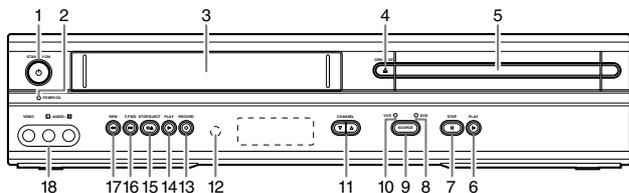
Helpful Hints!

- Some DVD video discs require specific functions or allow only limited functions during playback.
- “” may appear on the TV screen which means that the function is not available on that specific DVD video disc.



Functional Overview

Front Panel



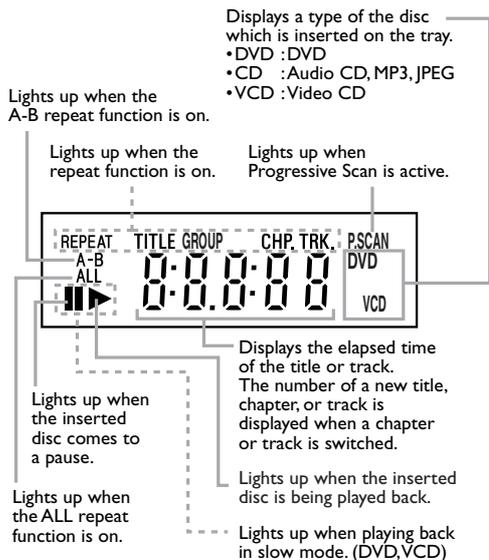
1. **STANDBY-ON button (DVD,VCR)**
To switch the DVD/VCR to ON or OFF.
2. **POWER ON light (DVD,VCR)**
Light appears when DVD/VCR turns on.
3. **Cassette Compartment (VCR)**
Insert a tape here.
4. **OPEN/CLOSE button (DVD)**
To open/close the disc tray.
5. **Disc Tray (DVD)**
Insert a disc here.
6. **PLAY button (DVD)**
To start, pause or resume disc playback.
7. **STOP button (DVD)**
To stop playback.
8. **DVD light (DVD)**
Light appears when DVD/VCR in DVD mode.
9. **SOURCE button (DVD,VCR)**
To select between DVD and VCR mode.
10. **VCR light (VCR)**
Light appears when DVD/VCR in VCR mode.
11. **CHANNEL button (VCR)**
To select a programme number on the TV.
12. **IR (Infrared) Remote Sensor (DVD,VCR)**
To receive signals from remote control.

13. **RECORD button (VCR)**
Press once to start recording, repeatedly to start an One-Touch Recording.
14. **PLAY button (VCR)**
To play a tape.
15. **STOP/EJECT button (VCR)**
When playback is stopped, press to eject the tape.
16. **F.FWD button**
When tape playback is stopped, press to fast forward the tape at high speed.
During playback, press to fast forward the tape while the picture stays on the screen.
17. **REW button**
When tape playback is stopped, press to rewind the tape at high speed.
During playback, press to rewind the tape while the picture stays on the screen.
18. **AUDIO/VIDEO in jacks**
To connect to AUDIO and VIDEO OUT of an audio source.

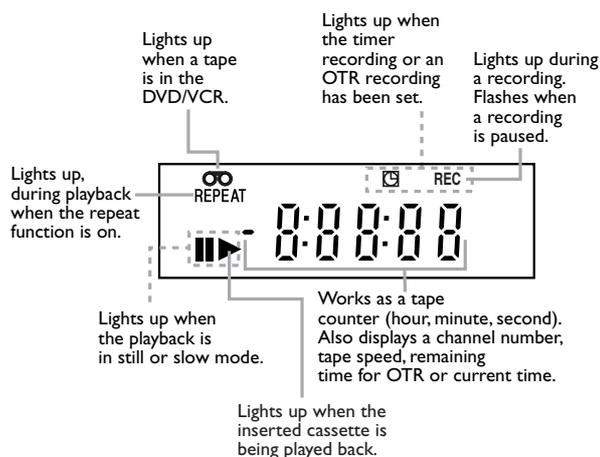
Display Message

	Appears after the disc tray closes if the tray is empty, if there is an error reading the disc, or if an unacceptable disc is installed.
	Tray is opening or is open.
	Tray is closing. This also may appear as the Player tries to load a Disc.
	Loading the Disc.
	Lights up when the playback control is activated.

DVD

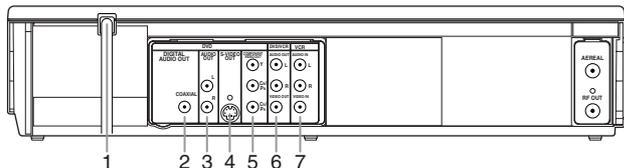


VCR



Functional Overview

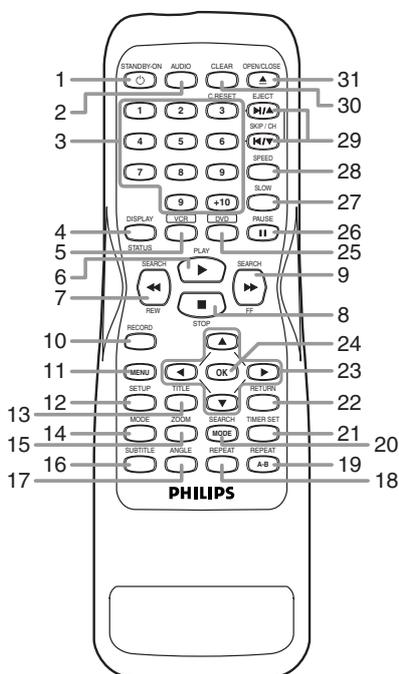
Rear Panel



1. **AC Power Cord**
Connect to a standard AC outlet to supply power to the DVD/VCR.
2. **DVD COAXIAL DIGITAL AUDIO OUT Jack (black)**
Connect a coaxial digital audio cable (not supplied) here and to a Stereo's Coaxial Digital Audio in jack.
This supplies audio for the DVD player only.
3. **DVD AUDIO OUT Jacks Left (white), Right (red)**
Connect the supplied audio cables here and to the Audio in jacks of a TV or Stereo.
These jacks supply audio for the DVD Player only.

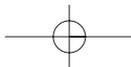
4. **DVD S-VIDEO OUT Jack**
Connect an S-Video cable (not supplied) here and to a TV's S-VIDEO in jack.
This supplies the picture for the DVD Player only.
5. **DVD COMPONENT VIDEO OUT Jacks (Y Cb/Pb Cr/Pr) (green, blue, red)**
Connect component video cables (not supplied) here and to the Component Video in jacks of a TV.
This supplies the picture for the DVD Player only.
6. **DVD/VCR AUDIO OUT and VIDEO OUT Jacks (red, white, yellow)**
Connect the supplied audio and video cables here and to a TV's Audio and Video in jacks.
This supplies sound and picture for both the VCR and the DVD Player.
7. **VCR AUDIO IN and VIDEO IN Jacks**
Connect audio and video cables from a camcorder, VCR, etc., here.
This will be useful if you want to copy a video tape or watch material that is playing other equipment.

Remote Control



1. **STANDBY-ON button**
To switch DVD/VCR ON or OFF.
2. **AUDIO button**
To choose audio languages or sound modes (DVD).
To choose sound modes (VCR).
3. **0-9 numerical key pads/+10**
To select numbered items in a menu.
Use +10 button to enter number 10 and above (DVD).
To select TV channels in VCR mode.
4. **DISPLAY/STATUS button**
To access or remove the display screen during DVD or Audio CD playback (DVD).
To access or remove VCR's on-screen status display (VCR).
5. **VCR button**
Press to put the DVD/VCR in VCR mode and before using the remote control for VCR features.
6. **PLAY (▶) button**
To start a DVD disc playback (DVD).
To start a tape playback (VCR).
7. **SEARCH/REW (◀◀) button**
To view DVD picture in fast reverse motion (DVD).
When tape playback is stopped, press to rewind the tape at high speed (VCR).
During playback, press to rewind the tape while the picture stays on the screen (VCR).

8. **STOP (■) button**
To stop a DVD disc playback (DVD).
To stop playback, recording (VCR).
9. **SEARCH/FF (▶▶) button**
To view DVD picture in fast forward motion (DVD).
When tape playback is stopped, press to fast forward the tape at high speed (VCR).
During playback, press to fast forward the tape while the picture stays on the screen (VCR).
10. **RECORD button**
To record the TV channel selected at this moment or press repeatedly to start a One-Touch Recording (VCR).
11. **MENU button**
To display the menu of the DVD disc or to access VCR menu.
12. **SETUP button**
Press to access or remove the player's setup menu (DVD).
13. **TITLE button**
To display title menu of a disc (DVD).
14. **MODE button**
To set up programmed or random playback (DVD).
15. **ZOOM button**
To enlarge DVD video image (DVD).
16. **SUBTITLE button**
Subtitle language DVD selector (DVD).
17. **ANGLE button**
To select DVD camera angle (DVD).
18. **REPEAT button**
To repeat chapter, track, title, group, disc (DVD).
19. **REPEAT (A-B) button**
To repeat a specific segment (DVD).
20. **SEARCH MODE button**
To access or remove search display (DVD).
Press to call up the index or time search menu (VCR).
21. **TIMER SET button**
To put the DVD/VCR into standby mode for a timer recording.
22. **RETURN button**
To RETURN previous or remove setup menu (DVD).
23. **◀ ▶ ▲ ▼ (left/right/up/down Arrow) buttons**
To select an item in the menu.
24. **OK button**
To acknowledge menu selection (DVD).
25. **DVD button**
Press to put the DVD/VCR in DVD mode and before using the remote control for DVD features.
26. **PAUSE (||) button**
To pause playback temporarily / frame-by-frame playback (DVD).
To pause playback and during recording temporarily (VCR).
27. **SLOW button**
To view tape playback in slow motion (VCR).
28. **SPEED button**
To change the recording speed (SP or LP) (VCR).
29. **SKIP/CH (▶ / ▲ / ◀ / ▼) buttons**
To skip chapter/tracks (DVD).
To change TV channels (VCR).
To adjust the tracking manually during playback (VCR).
30. **CLEAR/C-RESET button**
To reset the setting (DVD).
To reset the counter (VCR).
31. **OPEN/CLOSE EJECT (▲) button**
To insert discs into or remove them from the tray (DVD).
To remove the tape from the VCR (VCR).



Setting Up your DVD/VCR

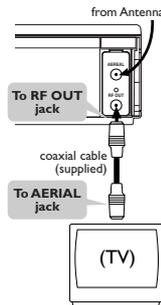
Basic Connections

- Please refer to the instruction books of your TV, VCR, Stereo System or other devices as necessary to make the best connections.
- Make one of the following connections, depending on the capabilities of your existing equipment.

CAUTION:

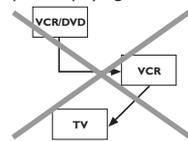
- Be sure to turn off the VCR/DVD and equipment to be connected before connecting.
- Read through the operation manual for the equipment to be connected.
- Be sure to keep the VCR/DVD connection cables separate from the TV antenna cable when you install the VCR/DVD, because it may cause electrical interference when you are watching television programmes.
- DTS audio cannot be produced with an analogue connection.

Basic TV Connection

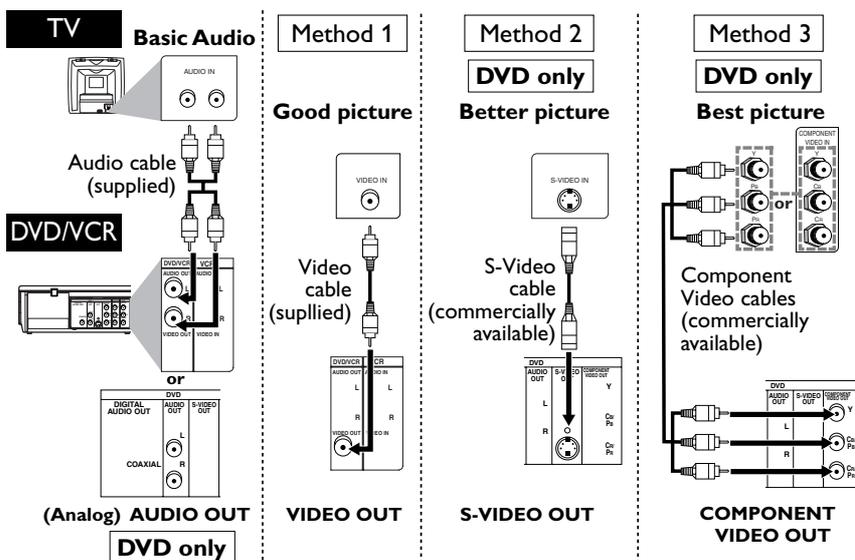


CAUTION:

- Connect the VCR/DVD directly to the TV. Do not connect the VCR/DVD to a VCR, then connect the VCR to the TV. Copyright protection in the VCR could distort the picture playing on the VCR/DVD.



Connecting to a TV



- When the VCR/DVD is connected to a TV using both a VIDEO cable and an S-VIDEO cable, only the S-VIDEO connection is enabled (the VIDEO connection is disabled).
- You will not be able to hear all of the sound being output by the VCR/DVD if you use the VIDEO/AUDIO cable (supplied) to a monaural TV that has only one AUDIO input jack.

Notes:

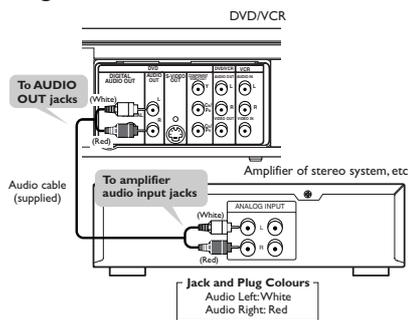
- Be sure that the colours of the jacks and plugs match up when connecting the cable.
- Connect the VCR/DVD directly to the TV. If you attempt to view video on a TV connected via a VCR, the copy protection function will scramble the picture.
- If you want to listen to the audio through audio equipment, connect only the S-VIDEO or VIDEO cable to the TV.

Connecting to Audio Equipment

Connecting the VCR/DVD to audio equipment provides normal stereo sound, plus powerful stereo sound enhanced by Dolby Digital 5.1 channel surround sound and MPEG Audio.

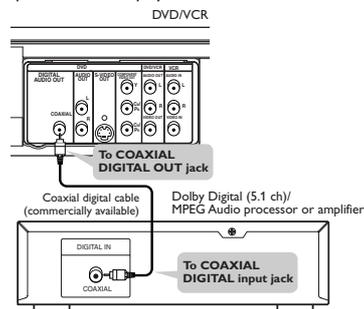
- Digital connection is not possible if the processor or amplifier to which you want to connect does not have a coaxial digital input jack.

Analogue audio connection



Digital audio connection

You can make this connection using a coaxial digital cable. Connecting an amplifier with a Dolby Digital/ MPEG Audio digital surround processor to your VCR/DVD's coaxial digital jack provides richer and more powerful audio play.



Digital Connection to an MD to Record a CD

Some Audio CDs have a short silent section between musical tracks. When sound from discs such as these is digitally recorded by connecting the VCR/DVD directly to a digital recorder (such as an MD recorder), the music may be recorded continuously and track numbers may be lost.

Digital Connection to Audio Equipment or MD Recorder without a Dolby Digital Decoder

- Audio CD
Audio CDs can be transferred digitally to other equipment such as an MD recorder, play the disc as you would normally with the audio mode set to "L+R" and use the connection shown above.
- DVD
DVDs recorded in Dolby Digital 5.1 channel surround sound or MPEG Audio cannot be connected digitally to external recording equipment such as an MD recorder. The audio source on a disc in a Dolby Digital 5.1 channel surround format cannot be recorded as digital sound by an MD recorder. It may be possible to record Dolby Digital or MPEG Audio via a digital connection if the VCR/DVD output is set to "OFF" for "DOLBY DIGITAL" or "MPEG" (see page 17 "Audio Settings").



Setting Up your DVD/VCR

Other Connections

AV1 (IN), AV2 (IN) CONNECTION FOR OTHER EXTERNAL DEVICES

These jacks are designated for other external devices such as another VCR, video game player, and video camera.

EXTERNAL INPUT MODE

To receive the signal from an external input (video camera, another VCR etc.), connect to the VCR AUDIO IN and VIDEO IN jacks on the rear panel, and press SKIP ►/CH ▲ or SKIP ◀/CH ▼, or enter "001" with the numerical key pads to show "AV1" on the TV screen.

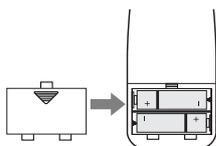
If you use the AUDIO/VIDEO in jacks on the front panel, press SKIP ►/CH ▲ or SKIP ◀/CH ▼, or enter "002" with the numerical key pads to show "AV2" on the TV screen.

Selecting Progressive Scan (625p <576p> or Interlaced 625i <576i>) Playback

- If your TV is compatible with progressive scanning (625p <576p>), connect the TV to the Component Video jacks of the DVD player and set "PROGRESSIVE" to "ON" in the display setting. Next, set your TV to the progressive scan mode. (Refer to Display Setting on page 17.)
- If your TV is not compatible with progressive scan, set "PROGRESSIVE" to "OFF" or press PLAY ► for 5 seconds on the front panel.
- Use a commercially available adaptor if the video input jacks of your TVs or monitors are the BNC type.

Inserting batteries into the Remote Control

- 1 Open the battery cover.
- 2 Insert batteries (AA size) with the correct polarity as indicated by the + and - symbols inside the battery compartment.
- 3 Close the cover.



CAUTION!

- Remove batteries if they are exhausted or not to be used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed off properly and kept away from children.

Using the Remote Control

- Direct the remote control at the remote sensor of the DVD/VCR.
- Do not drop the remote control.
- Do not leave the remote control near extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.

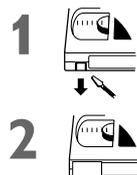
Playable Video Cassette Tapes

Philips Consumer Electronics recommends that only video cassette tapes that have the VHS mark and High Quality (HQ) system is compatible with this DVD/VCR. This DVD/VCR has an Automatic Head Cleaner.

Recording Prevention

Video cassette tapes have record tabs to ensure recordings are not erased accidentally.

- 1 To prevent recording, break off the tab with a screw-driver.
- 2 To allow recording, cover the hole with cellophane tape.



Notes:

- Use only tapes with VHS mark.
- Remove any adhesive stick-on notes from the tape before inserting into the DVD/VCR.
- Periodic maintenance is required to maintain your DVD/VCR performance.
- Video heads will require replacement after a period of time. Only an authorised service center should perform this service.

Video Channel Setting

Video channel setting will be necessary, if your DVD/VCR is connected to the TV via the coaxial cable.

- Use the remote control for this procedure.
- 1 Insert a pre-recorded tape into the DVD/VCR.
 - The DVD/VCR will turn on and start playback automatically. If playback does not start, press PLAY ►.
 - 2 Select and adjust your TV to channel 38.
 - If the playback picture appears on the TV screen, continue with step 8.
 - If channel 38 is employed for broadcasting, or interference lines appear on the picture, the RF converter must be set to a different channel between CH28 and CH69. Continue with step 3.
 - 3 Press MENU.
 - 4 Press ▲/▼ to select "INITIAL", then press ►.
 - 5 Press ▲/▼ to select "RF OUT", then press ►.
 - The RF OUT CH menu will appear.
 - 6 Press ▲/▼ to select a channel between CH28 and CH69 which is not used for broadcasts in your area, then press ►.

▶ RF OUT CH 38
 - 7 Press MENU to exit.
 - Set the TV channel to the RF OUT CHANNEL which was selected on the DVD/VCR. A picture from the DVD/VCR will appear on the TV screen. If a picture does not appear, repeat steps 3 to 7 using a different channel which is not used for broadcasts.
 - 8 Press STOP ■ to stop the tape.

Notes:

- You may also access the RF OUT CH menu by pressing and holding MENU on the remote control for 3 seconds during power off until the RF OUT CH menu appears.
- If your DVD/VCR and TV are connected using A/V cables (see page 6), there is no need to have the RF converter operating so it can be switched off and avoid the possibility of interference. To switch off the RF converter, follow the instructions for Video Channel Setting to step 6 then select channel 28 first and then press ▼ so that "- " appears next to "RF OUT CH" on the TV screen, then press ► and finally press MENU to finish.

Tuning

Tuning of broadcast channels not already preset in the DVD/VCR can be performed in two ways.

Note:

- It is necessary to set the video channel if your DVD/VCR is connected to the TV via the coaxial cable, and TV channel 38 is employed for broadcasting, or interference lines appear on the picture. Please refer to "Video Channel Setting".

Automatic Channel Setup

- By "AUTOMATICALLY" tuning channels and placing them in sequential order in the DVD/VCR's memory i.e. the first channel found will be memorised into the DVD/VCR's channel position 1, the second channel found will be memorised into the DVD/VCR's channel position 2 and so on.
- Execution of the "Automatic" tuning cancels all the preset channels. DO NOT use this feature if you intend to use some of the pre-tuned channels. Use the "Manual" tuning function to tune in the additional channels you require.

Manual Channel Setup

- Each channel is tuned manually and individually. Follow the steps laid out in the "Manual Channel Setup" section.

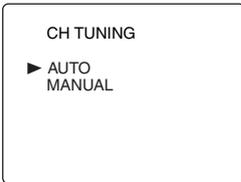
Setting Up your DVD/VCR

Automatic Channel Setup

You can programme the tuner to scan only the channels that you can receive in your area.

- Use the remote control for this procedure.

- 1 Turn on the TV and select the TV channel to the video channel on the TV.
- 2 Press VCR, then MENU.
- 3 Press ▲/▼ to select "INITIAL", then press ►.
- 4 Press ▲/▼ to select "CH TUNING", then press ►.
- 5 Press ▲/▼ to select "AUTO", then press ►.



- The tuner scans and memorises all the active channels in your area. After scanning, the tuner stops on the lowest memorised channel.

To Select a Desired Channel

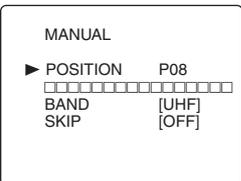
You can select a desired channel by using the SKIP ►/CH ▲ or SKIP ◀/CH ▼, or directly pressing the numerical key pads on the remote control.

- Enter a channel numbers as a two-digit number for the quickest results. For example, to select channel 6, press 0 and 6. If you only press 6, channel 6 will be selected after a brief delay.
- You can only select channels 1-99.

Manual Channel Setup

- Use the remote control for this procedure.

- 1 Press VCR, then MENU.
- 2 Press ▲/▼ to select "INITIAL", then press ►.
- 3 Press ▲/▼ to select "CH TUNING", then press ►.
- 4 Press ▲/▼ to select "MANUAL", then press ►.
- 5 Press ▲/▼ to select "POSITION", then press ►.



- When a weak signal is received in Manual Tuning mode, you can change the background to solid blue or the static screen by pressing CLEAR/C.RESET.

- 6 Use numerical key pads or ▲/▼ to select your desired position number, then press ►.
- You can select position number 01-99.
- If "ON" appears on the right side of "SKIP", press ▲/▼ to point to "SKIP". Then press ► to select "OFF".
- Press ▲/▼ to select "BAND", then press ►.
- 7 Press ▲/▼ to select "□□□□□□□□□□", then press ◀ / ► to start scanning.
- The DVD/VCR tuner will begin to search up or down automatically. When a channel is found, the DVD/VCR will stop searching and the picture will appear on the TV Screen.

Tuner channel	VHF L: 45.75~138.25MHz
	VHF H: 140.25~423.25MHz
	UHF: 427.25~855.25MHz

- 8 Press MENU to exit.

Note:

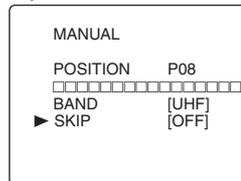
– To confirm that a channel has been added, press SKIP ►/CH ▲ or SKIP ◀/CH ▼.

To Skip a Preset Channel

The channels you can no longer receive or seldom watch can be set to be skipped when you access channels SKIP ►/CH ▲ or SKIP ◀/CH ▼.

- Use the remote control for this procedure.

- 1 Press VCR, then MENU.
- 2 Press ▲/▼ to select "INITIAL", then press ►.
- 3 Press ▲/▼ to select "CH TUNING", then press ►.
- 4 Press ▲/▼ to select "MANUAL", then press ►.
- 5 Press ▲/▼ to select "SKIP", then press ►.
- 6 Use numerical key pads or ▲/▼ to select relevant position number, then press ►.
- 7 Press ▲/▼ to select "SKIP", then press ► to select "ON".
- To memorise the channel again, press ►. "ON" will change to "OFF".
- 8 Press MENU to exit.



Note:

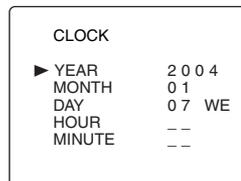
– To confirm that a channel has been deleted, press SKIP ►/CH ▲ or SKIP ◀/CH ▼.

Setting the clock

If the display shows an incorrect time or "--:--", the time and date must be reset manually.

- This DVD/VCR incorporates a 24-hour clock. The clock must be set for the Automatic Timer Recording function to operate correctly.

- 1 Press VCR, then MENU.
- 2 Press ▲/▼ to select "INITIAL", then press ►.
- 3 Press ▲/▼ to select "CLOCK", then press ►.
- 4 Press ▲/▼ until the relevant year appears, then press ►.
- 5 Likewise, set the relevant month, day, hour, and minute.
- 6 Press MENU to start the clock.



Notes:

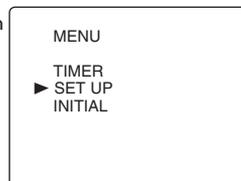
- In the steps 4 and 5, you can go back to the item you want to correct by pressing ◀.
- Although seconds are not displayed, they begin counting from 00 when you exit by pressing MENU. Use this feature to synchronise the clock with the correct time.
- When unplugging the power-cord or if there is a power failure for more than 1 minute, you may have to reset the clock.

Picture Select

This function enables you to select the picture quality of a tape.

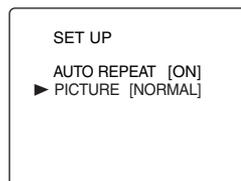
- Use the remote control for this procedure.

- 1 Press VCR, then MENU.
- 2 Press ▲/▼ to select "SET UP", then press ►.
- 3 Press ▲/▼ to select "PICTURE", then press ►.
- 4 Press ► until the desired mode (NORMAL, SOFT, or SHARP) is indicated on the TV screen.



Notes:

- If the On screen menu still remains, press MENU to exit the menu.
- Once you select the Picture Select mode, it stays in effect even after you turn off the DVD/VCR.
- When you use this function during playback, you can select a mode (NORMAL, SOFT or SHARP) as you watch video image.



VCR Playback

Playing back video cassettes

You can operate the DVD/VCR using the remote control or the buttons on the front panel. If you press PLAY ►, ◀◀ or ▶▶ while the set is in Stand-by, the power will be automatically turned on. Additionally, if a cassette was already inserted, the corresponding operation will be performed.

Your DVD/VCR can only record and playback standard VHS cassettes.

- Put a cassette into the cassette slot. The cassette is inserted automatically.
 - If a cassette is in DVD/VCR, STOP symbol appears in TV screen when turning on the DVD/VCR (VCR mode).
- Press PLAY ► to view the tape.
 - If the safety tab has been removed, the DVD/VCR will start playback automatically.
- To stop the playback, press STOP ■ or STOP/EJECT ■▲ on the front panel.
- To eject the cassette, press EJECT ▲ or STOP/EJECT ■▲ on the front panel when the DVD/VCR stops the playback.

Do I need to change the playback speed when playing back LP recordings?

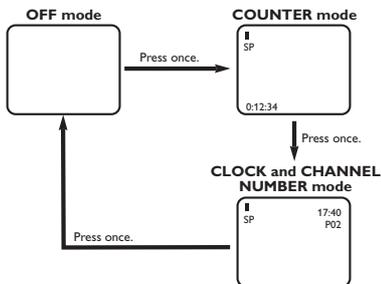
During playback, the correct speed will automatically be selected. For more information, please read the section **Selecting the recording speed (SP or LP)** in the chapter **VCR Manual Recording**.

Playing back NTSC cassettes

This DVD/VCR can also playback cassettes that have been recorded in SP [Standard Play] or SLP [Super Long Play] mode in the NTSC standard (for example, American cassettes). However, this only works on PAL-television sets that are suitable for a picture frequency of 60Hz.

Displaying current status

To check the Counter, or Clock & Channel number, press DISPLAY. Each time you press the DISPLAY, TV screen will change as illustrated:



Note:

- If the on-screen display or indicators on the front panel show an abnormal reading or no reading, unplug this unit for 1 minute, then plug it again. Please note that clock and timer settings will be cleared after a disconnection.

How can I set the counter to "0:00:00"?

You can set the counter to "0:00:00" with CLEAR/C-RESET. When you put a cassette in the DVD/VCR, the counter will automatically reset to "0:00:00".

Searching for a tape position with picture (scanning)

If you want to skip or repeat a scene during playback, press ◀◀ or ▶▶.

- Press PLAY ► to return to normal playback.

Still picture / slow motion

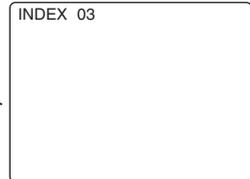
You can freeze the picture on TV screen by pressing PAUSE ■■ during playback.

- You can advance the picture one frame at a time by pressing PAUSE ■■ during the Still mode.
- When the picture begins to vibrate vertically, stabilize the picture by pressing SKIP ►/CH ▲ or SKIP ◀/CH ▼ in the STILL mode.
- You can watch in the slow motion by pressing SLOW during playback or the still mode. (The DVD/VCR mutes the sound during slow motion. You can control the speed by pressing ◀◀ or ▶▶.)
- If a noise bar appears on the TV screen, you can reduce it by pressing SKIP ►/CH ▲ or SKIP ◀/CH ▼.
- After the VCR has been in Still/Slow mode for 5 minutes, it will stop automatically to protect the tape and the video head from damage.
- To return to normal playback, press PLAY ►.

Index search

- The index mark will be made automatically when RECORD is pressed. It will also be marked at the starting point of Timer recording and OTR.
- The index mark is not recorded if the PAUSE ■■ is pressed and released during recording.
- The time gap between index marks on the tape should be greater than 1 minute for SP recording and 2 minutes for LP recording.
- Use the remote control for this procedure.

- Press VCR, then SEARCH MODE so that the Index Search menu appears.
- Enter the number of recordings you wish to skip by pressing ▲/▼ within 30 seconds.
- Press ◀/▶ to start index search. The DVD/VCR begins rewinding or fast forwarding to the beginning of desired programme.

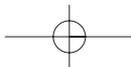


When the indicated programme is reached, the DVD/VCR will start playback automatically.

- If you want to go in the forward direction, press ►.
- If you want to go in the reverse direction, press ◀.
- If you want to stop search function, press STOP ■.

Notes:

- Index Search can be set up to 20.
- This function will not operate in the Recording mode.
- Operations must be followed up within 30 seconds, from step 2 to 3. Otherwise the Index Search mode will be cancelled.
- To exit the Index Search mode, press the MENU at step 2.



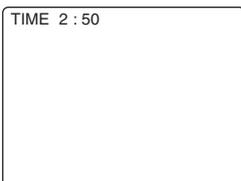
VCR Playback

Time search

This feature allows you to go to a specific point on a tape by entering the exact amount of time you wish to skip in order to reach the point.

- If a tape includes both programmes recorded in the PAL system and ones recorded in the NTSC system, this function may not be operated correctly.
- Use the remote control for this procedure.

- 1 Press VCR, then press SEARCH MODE twice so that the Time Search menu appears.
- 2 Enter your desired time to skip by pressing ▲/▼ within 30 seconds.
- 3 Press ◀/▶ to start time search. The DVD/VCR begins rewinding or fast forwarding to the specified point. When 0:00 is reached, the DVD/VCR will start playback automatically.



- If you want to go in the forward direction, press ▶.
- If you want to go in the reverse direction, press ◀.
- If you want to stop search function, press STOP ■.

Notes:

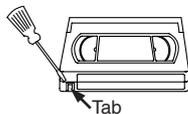
- Time search can be set up to 9 hours 59 minutes (9:59).
- This function will not operate in the Recording mode.
- Operations must be followed up within 30 seconds, from step 2 to 3. Otherwise the Time Search mode will be cancelled.
- To exit the Time Search mode, press MENU at step 2.

Video Cassette Tape

This DVD/VCR will operate with any cassette that bears the VHS mark. For best results, we recommend the use of high-quality tapes. Do not use poor quality or damaged tapes.

- You can prevent accidental erasing of a recording by breaking off the erase prevention tab on the back edge of the cassette.

- If you decide to record on the tape again, cover the hole with plastic tape.



Manual Tracking

- Tracking adjustment will be done automatically when you start playback.

To manually adjust the tracking during playback and slow motion playback, press SKIP ▶/CH ▲ or SKIP ◀/CH ▼, or CHANNEL ▲/▼ on the front panel.

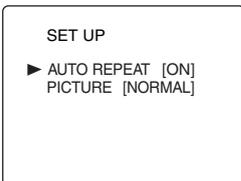
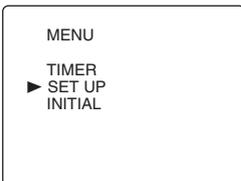
Tracking will return to Automatic Tracking Adjustment when you press STOP ■, insert a tape, or press PLAY ▶.

To remove vertical jitter in a Still picture, press SKIP ▶/CH ▲ or SKIP ◀/CH ▼, or CHANNEL ▲/▼ on the front panel.

Auto Repeat Playback

This feature allows you to play a tape over and over.

- 1 Press VCR, then MENU.
- 2 Press ▲/▼ to select "SET UP", then press ▶.
- 3 Press ▲/▼ to select "AUTO REPEAT", then press ▶.
- 4 Begin auto repeat playback by pressing ▶ so that ON appears next to "AUTO REPEAT".



Notes:

- When in Stop mode, Auto Repeat mode will start automatically.

VCR Manual Recording

- If the On screen menu still remains, press MENU to exit the menu.
- To cancel the Auto repeat mode, press ▶ at step 4 so that "ON" disappears.
- Once you select the Auto Repeat mode, it stays in effect even after you turn off DVD/VCR.

Selecting the recording speed (SP or LP)

LP allows to double the recording duration on tape.

Before recording, press SPEED to select the tape speed : SP mode (Standard Play) or LP mode (Long Play).

The table below shows the maximum recording/ playback time using E-60, E-120, E-180 or E-240 tapes in each mode.

- In LP mode, the picture quality is reduced somewhat.

TYPE OF TAPE	RECORDING/PLAYBACK TIME		
	TAPE SPEED	SP MODE	LP MODE
E-60		1 HOUR	2 HOURS
E-120		2 HOURS	4 HOURS
E-180		3 HOURS	6 HOURS
E-240		4 HOURS	8 HOURS

Normal Recording

- 1 Insert a cassette tape with its erase prevention tab in place. Press VCR.
(If necessary, rewind or fast forward the tape to the point at which you want to begin recording.)
- 2 Press the numerical key pads or SKIP ▶/CH ▲ or SKIP ◀/CH ▼ to select the channel to be recorded.
- 3 Press SPEED to select the tape speed (SP/LP).
- 4 Press RECORD to begin recording.
 - The "REC" light on the display comes on.
 - To temporarily stop recording or to resume it, press PAUSE ■. After the VCR has been in Pause mode for 5 minutes, it will stop automatically to protect the tape and the video head from damage.
- 5 Press STOP ■ when recording is completed.

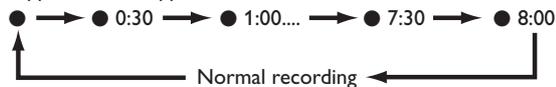
Note:

- When you wish to watch another programme while recording, select desired channel on your TV.

OTR (One Touch Recording)

This function enables you to set a recording length simply by pressing RECORD.

- 1 Follow steps 1 to 3 in Normal Recording section.
- 2 Press RECORD repeatedly until the desired recording length appears in the upper left corner of the TV screen.



- Recording stops when 0:00 is reached.

To check time remaining during an OTR

Press DISPLAY.

To change the recording length during an OTR

Press RECORD repeatedly until the desired length appears.

To stop an OTR before recording is finished

Press STOP ■.

To cancel the OTR but continue recording

Press RECORD repeatedly until "●" appears without the recording length in the upper left corner of the TV screen.

- If a tape ends during OTR, the VCR will stop, eject the tape, and switch to the DVD mode automatically as 'DVD' blinks. (If the DVD power is off, the VCR will become STANDBY status).

- When OTR is finished, the VCR turns off automatically.

To use the VCR again, press TIMER SET on the remote control, or STOP/EJECT ■▲ on the front panel.



VCR Manual Recording

Lining up recordings (assemble cut)

When you add a further recording to a cassette, which already has a recording on it, a short blank (flicker) can appear between the old and the new recording or the picture itself can flicker.

To help reduce these from occurring, proceed as follows:

- 1 Find the tape position of the old recording where you want to insert the new recording.
- 2 Look at the last minute of the old recording (playback).
- 3 Press PAUSE ■■ at the tape position where the new recording is to go and press RECORD.
- 4 Now start recording as usual by pressing RECORD on the remote control.
- 5 Stop recording with STOP ■.

Copying a video tape

You can make copies of video cassettes made by friends or relatives for your own enjoyment.

WARNING:

Unauthorized recordings of copyrighted video cassettes may be an infringement of copyright laws.

Connect the recording DVD/VCR (this unit/Recording Unit) and the playback video recorder (another video recorder/Playing Unit) by using VCR AUDIO IN/VIDEO IN Jacks on the back or front AUDIO/VIDEO in jacks.

- 1 Insert a pre-recorded video cassette into the playing unit.
- 2 Insert a blank video cassette, or one you want to record over, into the cassette compartment of this unit.
- 3 Press the numerical key pads "001" or "002".
- 4 Press SPEED to select SP or LP at this unit.
- 5 Press RECORD on the front panel of this unit.
- 6 Begin playback of the tape at the playing unit.
- 7 To stop recording, press STOP ■ on this unit, then stop playback of the tape at the playing unit.

- 001 : If you use VCR AUDIO IN/VIDEO IN Jacks on the back.
- 002 : If you use front AUDIO/VIDEO in jacks.

- For the best results during dubbing, use the DVD/VCR's front panel controls whenever possible. The remote control might affect the playback video recorder's operation.
- If video or colour fades in and out, you may be copying a copy guarded video tape.

Recording from DVD to VCR

Follow the steps below to copy a DVD or video disc to a videotape. This will be possible only if the DVD is not copy protected.

- 1 Put a videotape in the cassette compartment. Make sure the tape's record tab is intact and the tape is long enough to record the disc.
- 2 Put the DVD you want to copy in the disc tray.
- 3 Press VCR.
- 4 Point the remote control at the DVD/VCR. Press numerical key pads "003". "DISC" will appear on the TV screen.
- 5 Select the recording speed. Details are at "Selecting the recording speed (SP or LP)".
- 6 Press RECORD to start recording. REC will appear on the display panel.
- 7 Press DVD. Press ► to play the disc.
- 8 To pause the recording, press VCR, then press PAUSE ■■ once. REC will flash. To resume recording, press RECORD or press PAUSE ■■ again. REC will reappear.
- 9 To stop recording, press VCR, then press STOP ■.

Programming a Recording (TIMER)

General information

Use a TIMER programming to automatically start and stop a recording at a later time or date. The DVD/VCR will switch to the right programme number and begin recording at the correct time. With this DVD/VCR, you can pre-programme up to eight recordings within a period of one year. To make a programmed recording, your DVD/VCR needs to know:

- * the date you want to make the recording
- * the programme number of the TV channel
- * the start and stop time of the recording

This information is saved in a TIMER block.

Programming a recording

- Use the remote control for this procedure.
- Insert a cassette tape with its erase prevention tab in place. (If necessary, rewind or fast forward the tape to the point at which you want to begin recording.)

- 1 Press VCR, then MENU.
- 2 Press ▲/▼ to select "TIMER", then press ►.

Notes:

If you have not set the clock yet, "CLOCK" setting menu appears. If so, follow the steps outlined in the "Setting the Clock" section. Then, set the timer.

- When you press ► after pressing ▲/▼ during steps 3 to 10, the input mode will move to the next step.
- If you do not press ► within 5 seconds of setting an item, the input mode will move to the next step.
- Press ◀ to go back one step from the current setting during steps 4 to 9. If ◀ is pressed when the TIMER NUMBER is flashing, the entire timer block will be erased.

- 3 Programme number flashes. Press ▲/▼ repeatedly until the desired timer block number appears. Then, press ►.
- 4 Select once, daily, everyday, or weekly recording.

For once-only recording : Press ▲/▼ repeatedly until the relevant month appears.

For daily recording : To record a TV programme at the same time on the same channel from Monday through Friday. While the month digit is flashing, press ▲/▼ repeatedly to select "MO-FR".

For everyday recording : To record a TV programme at the same time on the same channel every day. While the month digit is flashing, press ▲/▼ repeatedly to select "MO-SU".

For weekly recording : To record a TV programme at the same time on the same channel every week. While the month digit is flashing, press ▲/▼ repeatedly to select "W-MO" (Example: every monday).

- 5 **For once-only recording only :** Press ▲/▼ repeatedly until your desired day appears.
- 6 Press ▲/▼ repeatedly until the relevant start hour appears. Next, enter the minute digit.
- 7 Press ▲/▼ repeatedly until the relevant end hour appears. Next, enter the minute digit.
- 8 Press ▲/▼ repeatedly until the relevant channel number appears.
- 9 Press ▲/▼ repeatedly until your the desired tape speed appears.
- 10 Press ►.
Timer block 1 is now completed.
To set another timer block, repeat steps 3 to 10.
- 11 Press MENU to exit.
- 12 Press TIMER SET to activate the timer.
• [] comes on.

→ TIMER NUMBER	1
DATE	--/--
START	--:--
END	--:--
CHANNEL	--
SPEED	--

Programming a Recording (TIMER)

How to check, correct or delete a programmed recording (TIMER)

- 1 Press TIMER SET.
 - If the DVD/VCR's power is off, press STANDBY-ON \odot instead of TIMER SET, then go to the next step.
- 2 Repeat steps 1 to 3 in the "Programming a Recording" section.
- 3 Select the timer block number you want to check by pressing $\blacktriangle/\blacktriangledown$.
 - The details of the selected timer block appears on the TV screen.
 - Go to the digit you want to change by pressing $\blacktriangle/\blacktriangleright$. Then, enter correct numbers by pressing $\blacktriangle/\blacktriangledown$.
 - You may cancel the entire programme by pressing \blacktriangleleft while the timer block number flashes.
- 4 Press MENU to exit.
- 5 Press TIMER SET to return to timer stand-by mode.

Hint for Timer Recording

- If there is a power failure or the DVD/VCR is unplugged for more than 1 minute, the clock setting and all timer settings will be lost.
- If a tape ends during TIMER RECORDING, the DVD/VCR will stop, eject the tape, and switch to the DVD mode automatically as 'RECORD' blinks. (If the DVD power is off, the DVD/VCR will become the STANDBY status.)
- If a tape is not in the DVD/VCR or does not have a record tab, 'RECORD' flashes and timer recording will not operate. Please insert a recordable tape.
- When timer recordings are set, 'RECORD' will come on. To use the DVD/VCR as usual until the time for the recording, press TIMER SET so that 'RECORD' disappears. Press VCR to choose VCR mode, then continue with the other features as described in this manual.

Note:

- When all the programmed recording are finished, 'RECORD' will flash.

This is not a malfunction.

To use the DVD/VCR, press TIMER SET to turn off 'RECORD'.

How to use the DVD player during a VCR timer recording or while 'RECORD' is on or flashes.

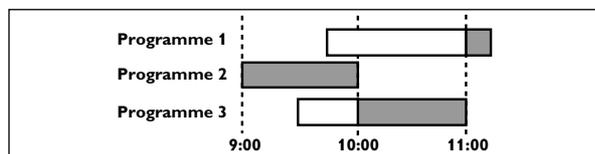
- You can use the DVD player while 'RECORD' is on or flashes, or during a timer recording. Press STANDBY-ON \odot to turn on the DVD player. Press DVD on the remote control to choose DVD mode, then continue with the other DVD features as described in this manual. You don't have to set the TIMER off to use the DVD only.

How to stop timer programme already started

- Press STOP/EJECT $\blacksquare/\blacktriangle$ on the DVD/VCR.

To avoid overlap of timer programmes

- A timer programme will not work whilst another programme is under execution.



Other Functions

Selecting the sound channel

This DVD/VCR will record and playback Hi-Fi stereo sound. In addition it has a NICAM/A2 stereo sound decoder.

This equipment will receive stereo and bilingual broadcasts and there are several ways of recording and playing back the sound. You can select each mode by pressing AUDIO on the remote control. Each mode is indicated on the TV screen as following.

• Reception of stereo broadcasts:

Mode	AUDIO OUTPUT		Display on the TV screen
Stereo	L	L Audio	STEREO
	R	R Audio	
L	L	L Audio	LEFT
	R	L Audio	
R	L	R Audio	RIGHT
	R	R Audio	
Monaural	L	L+R Audio	NONE
	R	L+R Audio	

• During playback of the recorded tape in Hi-Fi mode:

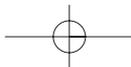
Mode	AUDIO OUTPUT		Display on the TV screen
Stereo	L	Hi Fi L Audio	STEREO
	R	Hi Fi R Audio	
L	L	Hi Fi L Audio	LEFT
	R	Hi Fi L Audio	
R	L	Hi Fi R Audio	RIGHT
	R	Hi Fi R Audio	
MONO	L	Normal Audio	NONE
	R	Normal Audio	

• During reception of bilingual broadcasts:

Mode	AUDIO OUTPUT		Display on the TV screen
MAIN	L	Main Audio	MAIN
	R	Main Audio	
SUB	L	Sub Audio	SUB
	R	Sub Audio	
MAIN SUB	L	Main Audio	MAIN SUB
	R	Sub Audio	

Notes:

- If you play non-Hi-Fi tapes, the DVD/VCR will play automatically in monaural regardless of the mode you select.
- If the stereo signal becomes weak, the broadcast is automatically recorded in monaural.



Playing a Disc

Basic Playback DVD-V CD VCD MP3 JPEG

Getting Started

Turn on the power of the TV, amplifier and any other components which are connected to the DVD/VCR. Make sure the TV and audio receiver (commercially available) are set to the correct channel.

- 1 Press STANDBY-ON .
- 2 Press DVD, then OPEN/CLOSE to open disc loading tray.
- 3 Place the chosen disc in the tray, with the label facing up.
- 4 Press PLAY .
 - The tray will close automatically, and playback will then start from the first chapter or track of the disc. If the playback does not start automatically, press PLAY .
 - When you playback the DVD which a title menu is recorded, it may appear on the screen. In this case, refer to "Title Menu".
- 5 Press STOP to stop playback.



Notes:

- A "prohibited icon" may appear at the top-right on the TV screen during operation, warning that a prohibited operation has been encountered by the DVD/VCR or the disc.
- With DVDs that use some titles for playback programme signals, playback may start from the second title, or it may skip these titles.
- During the playback of two layered disc, pictures may stop for a moment. This happens when the 1st layer switches to the 2nd layer. This is not a malfunction.
- DVDs recorded with the NTSC system can playback with this unit via a PAL system TV set.
- Depending on the TV, when playing back a NTSC DVD on a PAL TV, the picture may roll up or down, shrink vertically and black bars may appear at the both top and bottom of the screen.
- It may take a time to deliver the picture or the sound. This is not a malfunction.

Canceling and Calling Back PBC Function VCD

When playing Video CDs with PBC function, some operations (e.g. search and repeat tracks) cannot be performed unless the PBC function is cancelled temporarily.

- 1 Insert a Video CD.
 - Title menu will appear on the display.
 - Playback will start automatically.
- 2 Press STOP .
- 3 Press the numerical key pads to enter the desired Track number.
 - PBC function is now cancelled and the playback of the Video CD will start.
- 4 To call back PBC function, press STOP twice, and then press PLAY .

General Features DVD-V VCD

DVD or Video CDs may contain menus to navigate the disc and access special features. Press the appropriate numerical key pads or use Arrow (, , ,) to highlight your selection in the DVD main menu and press OK to confirm.

Note:

- Unless stated, all operations described are based on remote control use. Some operations can be carried out using the menu bar on the TV screen.

Pause DVD-V CD VCD MP3 JPEG

- 1 During playback, press PAUSE .
 - Playback will pause and sound will be muted.
- 2 To continue playback, press PLAY .

Note:

- Set "STILL MODE" to "FIELD" in the Display menu if pictures in the pause mode are blurred. (Refer to Display Setting.)

Disc Menus DVD-V

- 1 Press DVD, then MENU.
 - The DVD main menu will appear.
- 2 If the feature is not available, " symbol may appear on the TV screen.
- 3 If disc menu is available on the disc, audio language, subtitle options, chapters for the title and other options will appear for selection.
- 4 Press Arrow (, , ,) to select an item, and "OK" to confirm selection.

Title Menu DVD-V

- 1 Press DVD, then TITLE.
 - The title menu will appear.
- 2 If the feature is not available, " symbol may appear on the TV screen.
- 3 Press Arrow (, , ,) to select an item, and "OK" to confirm selection.
 - Playback will begin at the selected Title.

VCD

- 1 Insert a Video CD.
- 2 The title menu will appear.
- 3 Press numerical key pads to select the menu.
 - Playback will start.

Calling Up a Menu During Playback DVD-V

- Press MENU to call up the DVD main menu.
- Press TITLE to call up the title menu.

Note:

- Contents of menus and corresponding menu operations may vary between discs. Refer to the manual accompanying the disc for details.

Step by Step Playback DVD-V VCD

- 1 During playback, press PAUSE .
 - Playback will pause and sound will be muted.
- 2 The disc goes forward by one frame each time PAUSE is pressed.
- 3 To exit step by step playback, press PLAY .

Note:

- Set "STILL MODE" to "FIELD" in the DISPLAY menu if pictures during step by step playback are blurred. (Refer to Display Setting.)

Resume DVD-V CD VCD MP3 JPEG

- 1 During playback, press STOP .
 - Resume message will appear on the TV screen.
- 2 Press PLAY , playback will resume from the point at which playback was stopped.
 - To cancel resume, press STOP twice.

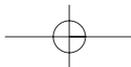
Notes:

- For MP3 files, playback will resume from the beginning of the track at which playback was stopped.
- If you turn the DVD/VCR off, Resume function will be cancelled.

Fast Forward / Reverse Search DVD-V CD VCD MP3

- 1 During playback, press or repeatedly to select the required forward or reverse speed.
 - For DVDs and Video CDs, fast forward or reverse search speed is different depending on the disc.
 - For DVDs, approximate speed is 1 (x2), 2 (x8), 3 (x50), and 4 (x100).
 - For Video CDs, approximate speed is 1 (x2), 2 (x8), and 3 (x30).
 - For Audio CDs, approximate speed is x16.
 - For MP3, approximate speed is x8.
- 2 To return to normal playback, press PLAY .





Playing a Disc

Slow Forward / Slow Reverse

- 1 During playback, press PAUSE **II**.
- 2 Press **▶▶** or **◀◀**.
 - Slow motion playback will begin and sound will be muted.
- 3 Press **▶▶** or **◀◀** repeatedly to select the required speed. Slow forward or reverse speed varies with the disc. Approximate speed is 1 (1/16), 2 (1/8), and 3 (1/2).
- 4 To return to normal playback, press PLAY **▶**.

Notes:

- **Slow Reverse is not available on Video CDs.**
- **Set "STILL MODE" to "FIELD" in the DISPLAY menu if pictures in the slow motion playback mode are blurred. (Refer to Display Setting.)**

Zoom

The Zoom function allows you to enlarge the video image and to pan through the enlarged image.

- 1 Press ZOOM during playback.
 - Playback will continue.
- 2 Press ZOOM repeatedly to select the required zoom factor: x2, x4 or OFF.
- 3 Use Arrow (**▼** / **▲** / **▶** / **◀**) to move the zoomed picture across the screen.
- 4 To exit zoom mode, press ZOOM to select OFF.

Notes:

- **If you press OK, the zoom position window appears at the bottom-right on the TV screen. If you press it again, that (the zoom position) window disappears.**
- **Zooming function does not work while disc menu is shown.**
- **x4 zoom is not available on some discs.**
- **only x2 zoom is available on Video CDs and JPEG files.**

Track Search

There are three ways to begin the playback of a specific track.

Using the Numerical key pads

- 1 Press the numerical key pads to enter the desired Track number.
 - Playback will start at the selected track.
 - For single digit tracks (1-9), press a single number (e.g. to play track 3, press **3**).
 - To play track 26, press **+10, 2, 6**.

Using SEARCH MODE

- 1 Press SEARCH MODE.
 - The Track Search display appears.
- 2 Within 30 seconds, select a desired track number using the numerical key pads. For single or two digit track number, press **0** first.
 - Playback will start at the selected track.

Using **▶|◀** buttons.

During playback, press **▶|** to move to the next track. Press it repeatedly to skip subsequent tracks. Press **|◀** to go back to the beginning of the current track. Press it repeatedly to go back to the previous tracks.

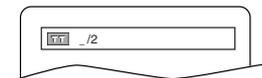
- Track number will appear briefly on the front panel display.
- If **▶|** are pressed while the playback is paused, the playback will be paused again after skipping to the next track.

Note:

- **▶|◀ are not available when playback is stopped.**

Title / Chapter Search

- 1 Press SEARCH MODE once for the Chapter search, **twice** for the Title search during playback.
- 2 Enter the desired chapter/title number using numerical key pads.



Using the Numerical key pads

- 1 During playback, press the numerical key pads to enter the desired chapter number.
 - Playback will start at the selected chapter.
 - For single digit chapters (1-9), press a single number (e.g. to play chapter 3, press **3**).
 - To play chapter 26, press **+10, 2, 6**.
- Note:**
- **Depending on the disc being played, using the numerical key pads cannot be performed.**

Using **▶|◀** buttons

During playback, press **▶|** to go to the next chapter. Press it repeatedly to skip subsequent chapters. Press **|◀** to go back to the beginning of the current chapter. Press it repeatedly to go back to the previous chapter.

Time Search

- 1 During playback, press SEARCH MODE repeatedly until the Time Search screen appears on the TV screen.
- 2 Within 30 seconds, enter a desired disc time using the numerical key pads.
 - Playback will start at the specified time.
 - For DVDs, enter a desired time of the current title.
 - For audio CDs and Video CDs, enter a desired time of the current track.
- 3 Press CLEAR/C-RESET to erase the incorrect input.

Notes:

- **"0" appears automatically when there is no need to enter a number. For example, "0:0 : _" appears automatically in the Time Search display if the total time of the disc is less than 10 minutes.**
- **Time Search is not available on some discs.**

Repeat

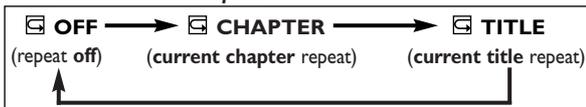
- REPEAT are available only during playback.

Repeat Title / Chapter

To activate the repeat function, press REPEAT during playback. The repeat mode changes as described below every time you press the button.

Notes:

- **Repeat Title/Chapter is not available with some scenes.**
- **The REPEAT setting will be cleared when moving to other title or chapter.**



Repeat Track / Group / All

To activate the repeat function, press REPEAT during playback. The repeat mode changes as described below every time you press the button.

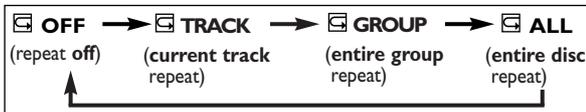
Notes:

- **The REPEAT setting will be cleared when moving to other track.**
- **Repeat playback does not function during repeat A-B playback.**
- **Repeat playback is not available when you play the Video CD with PBC function.**

[CD, VCD]



[MP3, JPEG]



Repeat A-B

- 1 Press REPEAT A-B at your chosen starting point.
 - **A** appears briefly on the TV screen.
- 2 Press REPEAT A-B again at your chosen end point.
 - **A-B** appears briefly on the TV screen, and the repeat sequence begins.
- 3 To exit the sequence, press REPEAT A-B.

Notes:

- **The repeat A-B section can only be set within the current title (for DVDs), or current track (for Audio CDs and VCDs).**
- **Repeat A-B is not available with some scenes in DVD.**
- **To cancel the A point which was set, press CLEAR/C-RESET.**
- **Repeat A-B playback does not function during title, chapter, track or all repeat playback.**

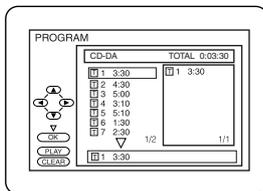


Playing a Disc

Programmed Playback

You may determine the order in which tracks will be played.

- In stop mode, press MODE.
 - The PROGRAM screen will appear.
- Press  or  to select a track, then press OK.
 - Up to 99 tracks can be stored.
 - Press CLEAR/C-RESET to erase the most recently entered programme.
 - To erase all tracks in the programme at once, select "ALL CLEAR" at the bottom of the list and press OK.
 - When selecting an MP3 or JPEG file or folder, use Arrow as follows: Press  to go the next hierarchy. Press  to go back to the previous hierarchy.
 - To check programmed tracks or files, ,  to change the pages.
- Press PLAY  to start the programmed playback.



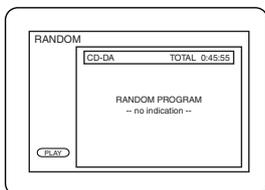
Notes:

- While a programme is being played back, STOP  works as follows: Press STOP , and then PLAY  next, so that the programmed playback restarts. (CD playback restarts from the current position. MP3 playback restarts from the beginning of the current track.) Press STOP  twice and PLAY  next, so that playback restarts from the first track in the original order. However, your programmed playback can be restarted when you follow the above steps. (Your programme is still stored unless either the disc tray is open or the unit is turned off.)
- To repeat the current track in the programme, press REPEAT repeatedly until  TRACK" appears during playback.
- To repeat the entire programme press REPEAT repeatedly until  ALL" appears during playback.

Random Playback

This shuffles the playing order of tracks instead of playback in the sequence.

- In stop mode, press MODE twice.
 - RANDOM screen appears.
- Press PLAY  to start random playback.



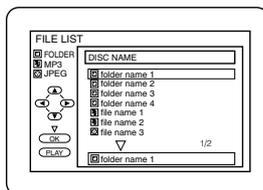
Note:

- If you like to repeat the current track in the random selection, press REPEAT repeatedly until  TRACK" appears during playback. If you like to repeat the entire random selection press REPEAT repeatedly until  ALL" appears during playback.

MP3/JPEG Playback

Insert an MP3 or JPEG disc, then press MENU to call up the MP3 or JPEG menu on the TV screen.

- In stop mode, press  or  to select the desired group, MP3 track or JPEG file.
 - If a group is selected, press PLAY  or OK to go on to the track selection screen. Press  or  to choose a track, then press PLAY  or OK.
 - If a track is selected, press  or OK to start playing from the track.
 - Press TITLE to return to the first item.
- Press STOP  to stop playback.



Notes:

- Folders are known as Groups; files are known as Tracks.
- The  symbol is shown on the top of the group name.
- The  symbol is shown on the top of MP3 files.
- The  symbol is shown on the top of JPEG files.

- The system can recognise up to 255 groups/ folders and up to 512 tracks/ files, and this applies even to the case where mixed MP3 and JPEG files are recorded.

- Up to 8 hierarchies can be created.

- If a JPEG file is selected, the image will be reproduced from the selected track and go to the next one in turn. A track is displayed for 5 seconds and then the next track is displayed.

Each press on the cursor button  will rotate the image clockwise by 90 degrees when an image is displayed. Each press on the cursor button  will rotate the image counterclockwise by 90 degrees.

For best results use files recorded at these specifications:

[MP3]

- Sampling frequency: 44.1kHz or 48kHz
- Constant bit rate: 112kbps ~ 320kbps.

[JPEG] size of image

- Upper limit: 6,300 x 5,100 dots.
- Lower limit: 32 x 32 dots.

Slide Show Mode

You can switch the slide show modes during playback.

- Press the MODE button during playback.
 - The slide show mode screen will appear.
 - The slide show mode cannot be switched when it is stopped, or from the file list screen.
- Press the OK button.
 - The slide show mode will change. "CUT IN/OUT": The entire image appears in one time. "FADE IN/OUT": The image appears gradually and then disappears.
- Press the MODE button to exit.

On-Screen Information

You can check information about the current disc by pressing DISPLAY on the remote control.

DVD-V

- Press DISPLAY during playback to show current Chapter.
 - The elapsed and remaining time of the current chapter will be displayed.
- Press DISPLAY again to show current title.
 - The elapsed and remaining time of the current title will be displayed.
- Press DISPLAY again.
 - The BIT RATE and the current repeat setting will be displayed.
 - If you are playing a dual layered disc, the layer number will also be displayed (L0: Layer 0 is playing. L1: Layer 1 is playing).
- Press DISPLAY again to remove the display.

CD YCD

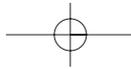
- Press DISPLAY during playback, the current track will be displayed on the TV screen.
 - The elapsed and remaining time of the current track will be displayed.
- Press DISPLAY again to show the total time of the disc.
 - The elapsed and remaining time of the current total track will be displayed.
- Press DISPLAY again to remove the display.

MP3 JPEG

- Press DISPLAY.
 - The name of the file currently in play will be displayed.
- Press DISPLAY again to show the track number, the elapsed time, the repeat status, and the playback status at the top of the screen.
- Press DISPLAY again to exit.

Hints for the On-Screen Display

-  C - indicates Chapter repeat.
-  T - indicates Title / Track repeat
-  G - indicates Group (folder) repeat
-  A - indicates Disc repeat
-  A  B - indicates A-B repeat



Playing a Disc

Audio Language

The DVD/VCR allows you to select a language during DVD disc (if multi language available) playback.

- 1 Press AUDIO during playback.
- 2 Press AUDIO repeatedly to select your desired language.

Notes:

- If your language is not shown after pressing AUDIO several times, the disc may not have that language. However, some discs allow you to change audio language or subtitle language setting in the disc menu. (Operation varies depending on the disc, so refer to the manual included in the disc.)
- If you choose a Language that has a 3-letter language code, the code will be displayed every time you change the Audio language setting. If you choose any other languages, '---' will be displayed instead. (Refer to the language code list on page 19.)

Stereo Sound Mode

- 1 Press AUDIO repeatedly during playback to select between "STEREO", "L-CH" or "R-CH".
STEREO - both right and left channels are active (stereo)
L-CH - only left channel is active
R-CH - only right channel is active

Note:

- If the Virtual Surround setting is "ON", the sound mode will be fixed to "STEREO", and can not be changed.

Subtitle Language

The DVD/VCR allows you to select a language for subtitle during DVD disc (if available) playback.

- 1 Press DVD, then SUBTITLE during playback.
- 2 Press SUBTITLE repeatedly to select your desired subtitle language.
• The selected language will be displayed on the display bar at the top of the screen.
- 3 To turn off subtitles, press SUBTITLE repeatedly until "OFF" appears.

Notes:

- If your language is not shown after pressing SUBTITLE several times, the disc may not have that language. However, some discs allow you to change audio language or subtitle language setting in the disc menu. (Operation varies depending on the disc, so refer to the manual included in the disc.)
- If you choose a Language that has a 3-letter language code, the code will be displayed every time you change the Audio language setting. If you choose any other languages, '---' will be displayed instead. (Refer to the language code list on page 19.)

Camera Angle

Some DVD discs contain scenes which have been shot simultaneously from various angles. You can change the camera angle when the mark () appears on the screen.

If the "ANGLE ICON" setting is "OFF" in the Display setting, the icon () will not appear. (Refer to Display Setting.)

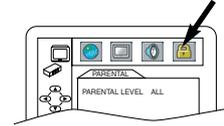
- 1 Press DVD, then ANGLE during playback.
• The selected angle will be displayed on the display bar at the top of the screen.
- 2 Press ANGLE repeatedly to select your desired angle.

Parental Control

Parental Control limits the DVD viewing that exceeds your settings. The password is required to change the "PARENTAL LEVEL".

This feature prevents your children from viewing inappropriate materials.

- 1 Press SETUP in stop mode.
- 2 Press ◀ or ▶ to select "CUSTOM", then press OK.
• CUSTOM mode screen will appear.
- 3 Press ◀ or ▶ to select "PARENTAL", then press OK.
- 4 Press the numerical key pads to enter your 4-digit password.
• When doing this for the first time, enter any 4-digit number by pressing the numerical key pads (except for 4737), then press OK. That number will be used as the password from the second time onward. Record your password in case you forget it.
• If you forget the password, press 4, 7, 3, 7. The original password will be cleared and parental levels will be set to "ALL". Enter a new 4-digit password, then press OK.
- 5 Press ▲ or ▼ to select "PARENTAL LEVEL", then press OK.
- 6 Press ▲ or ▼ to select the desired level, then press OK.
For details, see below.
- 7 Press SETUP to exit.



PARENTAL LEVEL

- "ALL" : All parental locks are cancelled.
- "8" : DVD softwares of any grades (adult/general/children) can be played back.
- "7 to 2" : Only DVD softwares intended for general use and children can be played back.
- "1" : Only DVD softwares intended for children can be played back.

Note:

- This function may not work on some DVDs. Make sure if the parental lock function operates in the way you have set.

To Change the Password

- 1 Follow the steps 1 to 4 above.
- 2 Press ▲ or ▼ to select "CHANGE", then press OK.
- 3 Enter a new 4-digit password, then press OK.
- 4 Press SETUP to exit.

Marker Setup Screen

Use markers to memorise your favourite places on a disc.

- 1 During playback, press SEARCH MODE repeatedly until the Marker Setup screen appears on the TV screen.
- 2 Press ◀ or ▶ to select 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10 and ensure that "- - - - : - - - -" appears in the display.
- 3 When you reach the desired point, press OK.
• The Title or Track and elapsed time will appear on the TV screen.
- 4 To return to a marker later, press SEARCH MODE repeatedly until the Marker Setup screen appears and ◀ or ▶ to choose the desired marker, then press OK.

Notes:

- Opening the disc tray, turning off the power or selecting "AC" at step 2 and press OK will erase all markers.
 - To clear a marker, using ◀ or ▶, position the cursor on to the marker number to be cleared and press CLEAR/C-RESET.
 - You can mark up to 10 points.
- 5 Press SEARCH MODE or RETURN to exit.



DVD Setup

Audio Setting DVD-V

Choose the appropriate Audio settings for your equipment as it only affect during the playback of DVD discs of the DVD/VCR.

- 1 Press SETUP in stop mode.
- 2 Press \blacktriangleright to select "CUSTOM", then press OK.
CUSTOM mode will appear.
- 3 Press \blacktriangleleft or \blacktriangleright to select "AUDIO", then OK to confirm.
- 4 Press \blacktriangleup or \blacktriangledown to select the below items, then press OK.

DRC (Dynamic Range Control) :

To compress the range of sound volume.

The default setting is "ON".

DOWN SAMPLING :

Set to "ON" when outputting in 48kHz.

The default setting is "ON".

When playing disc with copyright Protection

- If you select "OFF", copyright protection will be activated and sound will be down sampled at 48kHz.

DOLBY DIGITAL : QUICK

Set to "ON" when the player is connected to Dolby Digital Decoder.

- ON : Output by Dolby Digital
- OFF : Convert the Dolby Digital to PCM

- The default setting is "ON".

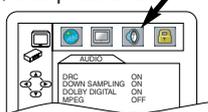
MPEG : QUICK

Set to "ON" when the player is connected MPEG Decoder.

- ON : Output by MPEG
- OFF : Convert the MPEG to PCM

- The default setting is "OFF".

- 5 Press SETUP to exit.



Virtual Surround DVD-V CD VCD MP3

You can enjoy stereophonic visual space on your existing stereo system.

- 1 Press MODE during playback.
- 2 Press OK to set it "1"(Natural effect), "2"(Emphasised effect) or "OFF".
- 3 Press MODE or RETURN to exit.



Note (for Audio CD and Video CD play):

- Virtual Surround will not be effective if the sound mode is set to something other than "STEREO".

Language Setting DVD-V

Language options are not available with some discs.

- 1 Press SETUP in stop mode.
- 2 Press \blacktriangleright to select "CUSTOM", then press OK.
• CUSTOM mode will appear.
- 3 Press \blacktriangleleft or \blacktriangleright to select "LANGUAGE", then OK to confirm.
- 4 Press \blacktriangleup or \blacktriangledown to select the below items, then press OK.

AUDIO :

Sets the audio language.

SUBTITLE :

Sets the subtitle language.

DISC MENU :

Sets the language for DVD Menu.

- 5 Press \blacktriangleup or \blacktriangledown to select a setting, then press OK.
 - If "OTHER" is selected in the AUDIO, SUBTITLE or DISC MENU screen, press four-digit number to enter the code for the desired language.
(Refer to the language code list on page 19.)
 - Only the languages supported by the disc can be selected.
- 6 Press SETUP to exit.

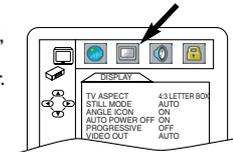
Note:

- Language Setting for Audio and Subtitle is not available with some discs. In this case use the AUDIO and SUBTITLE buttons.
(Refer to Audio Language/Subtitle Language.)

Display Setting DVD-V

You can change the display functions.

- 1 Press SETUP in stop mode.
- 2 Press \blacktriangleleft or \blacktriangleright to select "CUSTOM", then press OK.
• CUSTOM mode screen will appear.
- 3 Press \blacktriangleleft or \blacktriangleright to select "DISPLAY", then OK to confirm.
- 4 Press \blacktriangleup or \blacktriangledown to select the below items, then press OK.
- 5 Press SETUP to exit.



TV ASPECT : QUICK

4:3 LETTER BOX : when viewing a 16:9 picture on a 4:3 aspect TV screen, black bars appear on the top and bottom of the screen.

4:3 PAN & SCAN : when viewing a 16:9 on a 4:3 aspect TV screen, a full height picture with both sides trimmed is presented.

16:9 WIDE : if a wide-screen TV is connected to this unit, select this setting.

- Press \blacktriangleup or \blacktriangledown to select a setting, then press OK.
- The default setting is "4:3 LETTER BOX".

STILL MODE :

- AUTO : select it usually.
- FIELD : pictures in the Still mode will be stabilised although they will be coarse due to a little amount of data.
- FRAME : pictures in the Still mode will be highly defined although they will be blurred due to outputting two fields at the same time.

- Press \blacktriangleup or \blacktriangledown to select an option, then press OK.
- The default setting is "AUTO".

ANGLE ICON :

ON: : to show the angle icon when multiple camera angles are available during DVD playback.

OFF : to hide the angle icon.

- Press OK repeatedly to select "ON" or "OFF".

- The default setting is "ON".

AUTO POWER OFF :

ON: : to turn off the unit automatically after 35 minutes of no use.

OFF : to keep this unit on.

- Press OK repeatedly to select "ON" or "OFF".

- The default setting is "ON".

PROGRESSIVE :

ON: : to turn on the PROGRESSIVE SCAN.

OFF : to turn off the PROGRESSIVE SCAN.

- Press OK repeatedly to turn PROGRESSIVE "ON" or "OFF".
- Choose "ON" if your TV has Progressive Scan and if the TV is connected to the COMPONENT VIDEO OUT jacks on this unit. Choose "OFF" otherwise.

- The default setting is "OFF".

Notes:

- If "PROGRESSIVE" is "ON", the message screen to activate Progressive Scan appears. Press \blacktriangleup or \blacktriangledown to make a selection, then OK.

- If you select "NO", the menu disappears and "PROGRESSIVE" is "OFF".

- If you select "YES", the confirmation message screen appears. Confirm your setting, then press OK. If you select "NO", the menu screen disappears and "PROGRESSIVE" is "OFF". If you select "YES", the menu screen will disappear and "PROGRESSIVE" will be "ON".

- If you do not press any buttons for 15 seconds, Progressive Scan will switch to OFF.

- You can set "PROGRESSIVE" to "OFF" either in the DISPLAY menu or pressing and holding the PLAY button on the front of the Player for more than 5 seconds.

- When "PROGRESSIVE" is "ON", video signals from the Player's VIDEO OUT and S-VIDEO OUT jacks will be distorted.

VIDEO OUT :

AUTO : to change video out system (PAL/NTSC) automatically according to the format of an inserted disc.

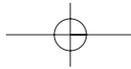
PAL: : to view pictures of the discs recorded with PAL system.

- Press OK repeatedly to select "PAL" or "AUTO".

- The default setting is "AUTO".

To Reset All the Settings of the SET UP screen

- 1 Press SETUP in stop mode.
- 2 Press \blacktriangleleft or \blacktriangleright to select "INIT.", then press OK.
- 3 Press \blacktriangleup or \blacktriangledown to select "YES", then OK twice. All the settings (except for "PARENTAL") will be cleared.
• To cancel the initialisation, select "NO".
- 4 Press SETUP to exit.



Maintenance

Cleaning the Cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out. Do not wipe in a circular motion.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Cleaning the disc lens

- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with the cleaner.

Specifications

PLAYBACK SYSTEM		Dolby Digital 16, 20, 24 bits PCM fs, 44.1, 48, 96 kHz	S-Video output	Mini DIN 4-pin Jack (75 ohm) Analog audio output (DVD)
DVD Video, Audio CD, DVD+R/RW, DVD-R/RW, CD-R/RW, VIDEO CD, SVCD		Analogue Stereo Sound Dolby Surround-compatible downmix from Dolby Digital multi-channel sound 3D Sound for virtual 5.1 channel sound on 2 speakers		RCA connector x 2 (one left channel, one right channel)
TV STANDARD (PAL/50Hz) (NTSC/60Hz)				2 Vrms (47 kilo-ohm)
Number of lines	625			One pin Jack, 500mVpp (75 ohm)
Playback	Multistandard (PAL/NTSC)			
VIDEO PERFORMANCE		AUDIO PERFORMANCE		
Video output	1 Vpp into 75 ohm	DA Converter 24 bits		
RGB output	0.7 Vpp into 75 ohm	DVD fs 96 kHz 20 Hz - 44 kHz		
Video Shift	Left/Right	fs 48 kHz 20 Hz - 22 kHz		
VIDEO CASSETTE RECORDER		CD fs 44.1 kHz 20 Hz - 20 kHz		
Video heads	Six heads Hi-Fi	Signal-Noise (1kHz)	70 dB	
Antenna	VHF/UHF - 75 ohm	Dynamic Range (1kHz)	90 dB	
VHF output	75 ohm unbalanced	Distortion and Noise (1kHz)	0.1%	
AUDIO FORMAT		CONNECTIONS		
Digital	MPEG	Front panel:		
	Compressed Digital	Video input	RCA connector x 1	
		Audio input	RCA connector x 2	
		Rear panel:		
		Audio/Video output/input	RCA connector x 6	
				CABINET
				Dimensions (w x h x d)
				435 x 94 x 233 mm
				Weight
				Approximately 3.1 Kg
				POWER SUPPLY (UNIVERSAL)
				Power inlet
				230 ~ 240 V, 50 Hz
				Power usage
				21 W
				Power usage standby
				9.2 W (standby : 5.0 W) (When CLOCK DISPLAY set to OFF)
				<i>Specifications subject to change without prior notice</i>

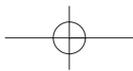
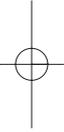
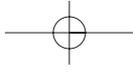
Troubleshooting

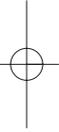
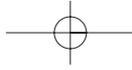
Problem	Solution
No power	– Check if the AC power cord is properly connected.
No picture	– Check if the TV is switched on. – Check the video connection.
Distorted picture	– Sometimes a small amount of picture distortion may appear. This is not a malfunction.
Completely distorted picture or black/white picture with DVD	– Connect DVD/VCR directly to the TV. – Make sure the disc is compatible with the DVD/VCR.
No sound or distorted sound	– Adjust the volume. – Check that the speakers are connected correctly.
No audio at digital output	– Check the digital connections. – Check if the audio format of the selected audio language matches your receiver capabilities.
No sound and picture	– Check that the RF or AV cables are connected to the correct device (see Connecting to a TV).
Picture freezes momentarily during playback	– Check the disc for fingerprints/scratches and clean with a soft cloth wiping from centre edge. – This may happen when you use the disc recorded in the non-seamless manner. This is not a malfunction.
Disc cannot be played	– Ensure the disc label is facing up. – Check if the disc is defective by trying another disc.
No return to start-up screen when disc is removed	– Reset the unit by switching the DVD/VCR off, then on again.
The DVD/VCR does not respond to the remote control	– Aim the remote control directly at the sensor on the front of the DVD/VCR. – Reduce the distance to the DVD/VCR. – Replace the batteries in the remote control. – Re-insert the batteries with their polarities (+/- signs) as indicated.
Buttons do not work or DVD/VCR stops responding	– To completely reset the DVD/VCR, unplug the AC cord from the AC outlet for 5-10 seconds.
DVD/VCR does not respond to some operating commands during playback.	– Operations may not be permitted by the disc. Refer to the instructions of the disc.
The DVD/VCR cannot read CDs/DVDs	– Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD/VCR for repair.
The DVD/VCR switches from DVD mode to VCR mode after 35 minutes	– Playback will stop for more than 35 minutes when no button is pressed.
The VCR do not record a TV program	– Make sure the tape has a record tab. – Make sure the DVD/VCR is in VCR position. – Check the TV and the DVD/VCR channel are similar.
The DVD/VCR do not perform a timer	– Make sure the recording start and stop times are set correctly. – Make sure the tape has a record tab. – Make sure the clock is set. – The DVD/VCR may not perform or continue a timer recording if the power fails for more than 1 minute.
The motor (cylinder) rotates even when tape playback is stopped	– To enable quick play mechanism, the cylinder will rotate for about five minutes. This is not a malfunction.
You cannot insert a tape	– Insert a tape, window side up with the record tab facing you. – Gently push on the center of the tape when putting into the DVD/VCR.
You cannot remove a tape	– Make sure the power plug is completely connected to a power outlet.
DVD/VCR ejects the tape when you press RECORD or TIMER SET for a timer recording.	– Make sure the tape has a record tab.

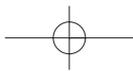
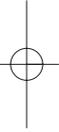
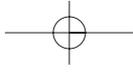
If you are unable to remedy a problem by following these hints, consult your dealer or service centre (HOTLINE).

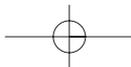


<u>Language</u>	<u>Code</u>	<u>Language</u>	<u>Code</u>	<u>Language</u>	<u>Code</u>	<u>Language</u>	<u>Code</u>
	A-B	French [FRE]	5264	Macedonian	5957	Siswat	6565
Abkhazian	4748	Frisian	5271	Malagasy	5953	Slovak	6557
Afar	4747	Galician	5358	Malay	5965	Slovenian	6558
Afrikaans	4752	Georgian	5747	Malayalam	5958	Somali	6561
Albanian	6563	German [GER]	5051	Maltese	5966	Spanish [SPA]	5165
Amharic	4759	Greek [GRE]	5158	Maori	5955	Sundanese	6567
Arabic	4764	Greenlandic	5758	Marathi	5964	Swahili	6569
Armenian	5471	Guarani	5360	Moldavian	5961	Swedish [SWE]	6568
Assamese	4765	Gujarati	5367	Mongolian	5960	T	
Aymara	4771	Hausa	5447	Nauru	6047	Tagalog	6658
Azerbaijani	4772	Hebrew	5569	Nepali	6051	Tajik	6653
Bashkir	4847	Hindi	5455	Norwegian [NOR]	6061	Tamil	6647
Basque	5167	Hungarian [HUN]	5467	O-R		Tatar	6666
Bengali; Bangla	4860	I-K		Occitan	6149	Telugu	6651
Bhutani	5072	Icelandic [ICE]	5565	Oriya	6164	Thai	6654
Bihari	4854	Indonesian	5560	Oromo(Afan)	6159	Tibetan	4861
Bislama	4855	Interlingua	5547	Panjabi	6247	Tigrinya	6655
Breton	4864	Interlingue	5551	Pashto; Pushto	6265	Tonga	6661
Bulgarian	4853	Inupiak	5557	Persian	5247	Tsonga	6665
Burmese	5971	Irish [IRI]	5347	Polish	6258	Turkish [TUR]	6664
Byelorussian	4851	Italian [ITA]	5566	Portuguese [POR]	6266	Turkmen	6657
C-E		Japanese [JPN]	5647	Quechua	6367	Twi	6669
Cambodian	5759	Javanese	5669	Rhaeto-Romance	6459	U-Z	
Catalan	4947	Kannada	5760	Romanian [RUM]	6461	Ukrainian	6757
Chinese [CHI]	7254	Kashmiri	5765	Russian [RUS]	6467	Urdu	6764
Corsican	4961	Kazakh	5757	S		Uzbek	6772
Croatian	5464	Kinyarwanda	6469	Samoan	6559	Vietnamese	6855
Czech	4965	Kirghiz	5771	Sangho	6553	Volapuk	6861
Danish [DAN]	5047	Kirundi	6460	Sanskrit	6547	Welsh	4971
Dutch [DUT]	6058	Korean [KOR]	5761	Scots Gaelic	5350	Wolof	6961
English [ENG]	5160	Kurdish	5767	Serbian	6564	Xhosa	7054
Esperanto	5161	L-N		Serbo-Croatian	6554	Yiddish	5655
Estonian	5166	Laothian	5861	Sesotho	6566	Yoruba	7161
F-H		Latin	5847	Setswana	6660	Zulu	7267
Faroese	5261	Latvian; Lettish	5868	Shona	6560		
Fiji	5256	Lingala	5860	Sindhi	6550		
Finnish [FIN]	5255	Lithuanian	5866	Singhalese	6555		









AUSTRALIA - Philips 3 years Manufacturers Warranty for Australia only

These warranty conditions are valid for the following consumer electronics products: Colour Televisions, Video Cassette Recorders, CD Players and Recorders, DVD Players and Recorders, Audio Systems and Portable Audio.

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies which the purchaser has in respect of the product under the Trade Practices Act or other Commonwealth or State Law.

Philips Consumer Electronics warrants its products to the purchaser as follows and subject to the stated conditions.

3 YEARS free Repair Service

Colour Televisions, CD Players and Recorders, DVD Players and Recorders and Audio Systems.

3 YEARS free Replacement – at your Retailer

All Portable Audio products and all Video Cassette recorders (VCR's) only.

Conditions of Repair Warranty

- All claims for warranty service should be made to your nearest Philips Authorised Service Centre. Reasonable evidence of date of purchase must be provided.
- This warranty extends only to defects in material or workmanship occurring under normal use of the product when operated in accordance with the instructions.
- This warranty applies for original purchase only. It is not transferable if sold.
- Home service within the normal service area of one of our Authorised Service Centres will only be provided for television receivers with screen size 48 cm and above. All other products are to be taken or sent to the workshop of your nearest Authorised Service Centre (at Consumer's expense).
- This Manufacturers Warranty is limited to 3 months for above listed Consumer Electronics products if used in commercial applications.
- Philips may, at its discretion choose to replace rather than repair any product covered by this warranty.
- This Manufacturers Warranty is neither transferable nor valid in countries other than Australia.

This warranty does not cover:

- Mileage or travelling time, pickup or delivery, installations and cost of insurance.
- Mileage or travel outside the normal service area covered by selected Authorised Service Centre.
- Service costs arising from failure to correctly adjust the controls of the product or to observe the instructions, or inspections that reveal that the product is in normal working order.

d) Product failures caused by misuse, neglect, accidental breakage, transit damage, inexpert repairs or modification by un-authorised persons, external fires, lightning strikes, floods, vermin infestation or liquid spillage.

e) Cleaning of video or audio heads.

f) Inadequate receiving antennae.

g) Replacement of worn or used batteries or other consumables.

h) Consumer products used in commercial applications (This warranty is limited to 3 months only).

i) Second hand products.

The conditions contained in this warranty card replace and override the provision of the Philips World-Wide Guarantee for products purchased in Australia and used in Australia.

Philips Authorised Service Centres

Service is provided through 200 accredited Authorised Service Centres throughout Australia. For direct contact with your nearest recommended Authorised Service Centre in major cities:

- | | |
|-------------------|-------------------|
| Adelaide | Launceston |
| Brisbane | Melbourne |
| Canberra | Newcastle |
| Geelong | Perth |
| Gold Coast | Sydney |
| Hobart | Wollongong |

or to find the location of your nearest recommended Authorised Service Centre outside the above cities please call our National Service telephone number:

1300 361 392

Please record the following information for your records and keep in a safe place.

Model number:.....

Serial number:.....

Date of purchase:.....

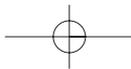
Retailer:.....

We recommend you retain your purchase receipt to assist in any warranty claim.

Philips Consumer Electronics
a division of Philips Electronics Australia Limited
ABN 24 008 445 743,
Level 2, 65 Epping Road NORTH RYDE NSW 2113

3 year Warranty valid for all new products purchased after 1st July 2002





Meet Philips at the Internet
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DVP620VR



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