SAMSUNG

DVD-VCR

SV-DVD3E

Instruction Manual

VHS
PAL
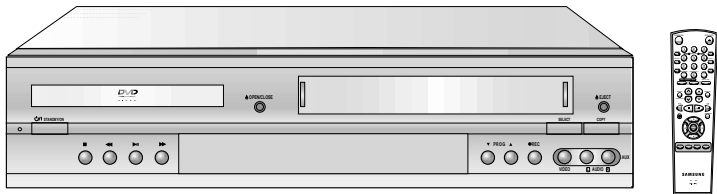
Safety Precautions

```
⚡          CAUTION          ⚠
      RISK OF ELECTRIC SHOCK
         DO NOT OPEN
```

CAUTION. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER. NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug. If it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains socket, as there is a risk of shock hazard from the bared flexible cord.

IMPORTANT
The wires in the mains lead are coloured in accordance with the following code: -

    BLUE = NEUTRAL   BROWN = LIVE

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: -

The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚, OR COLOURED GREEN OR GREEN AND YELLOW.

```
⚡
```

DANGER

This symbol is intended to alert you to the presence of dangerous voltage within the product.

```
⚠
```

CAUTION

This symbol is intended to alert you to the presence of important instructions accompanying the product.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation.
Reverse engineering or disassembly is prohibited.

Contents

GB

Contents (cont.)

Symbols

Press/push   **Hold down**   **Important**   **Note**

① = Step number

Safety Instructions

The following illustrations represent precautions.

The lightning bolt is a warning sign alerting you to dangerous voltage inside the product. DO NOT OPEN THE DVD-VCR. Refer to service personnel.
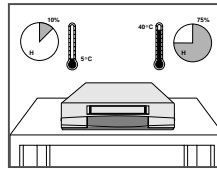
Do NOT expose the DVD-VCR to extreme temperature conditions (below 5°C and above 40°C) or to extreme humidity conditions (less than 10% and more than 75%).
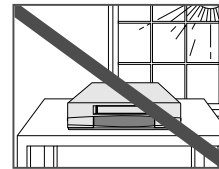
Do NOT expose the DVD-VCR to direct sunlight.
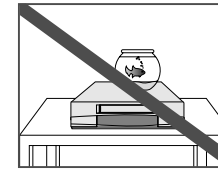
Do NOT expose the DVD-VCR to any liquids.
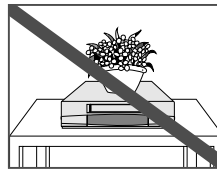
Do NOT place any objects on the DVD-VCR or remote control.
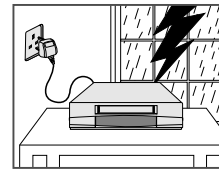
During a storm and/or lightning, unplug the DVD-VCR from the mains socket and aerial.
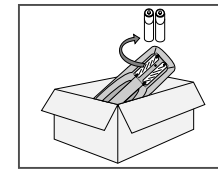
If the remote control is not used for a long period of time, remove the batteries and store it in a cool, dry place.

THIS DEVICE IS NOT FOR USE IN INDUSTRIAL ENVIRONMENTS

Disc Type and Characteristics

This DVD player is capable of playing the following types of discs with the corresponding logos :

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
DVD DVD VIDEO	Audio + Video	12 Cm	Single-sided 240 min. Double-sided 480 min.	• DVD contains excellent sound and video due to Dolby Digital and MPEG-2 system. • Various screen and audio functions can be easily selected through the on-screen menu.
		8 Cm	Single-sided 80 min. Double-sided 160 min.	
VIDEO-CD COMPACT disc DIGITAL VIDEO	Audio + Video	12 Cm	74 min.	• Video with CD sound, VHS quality & MPEG-1 compression technology.
		8 Cm	20 min.	
AUDIO-CD COMPACT disc DIGITAL AUDIO	Audio	12 Cm	74 min.	• An LP is recorded as an analog signal with more distortion. CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
		8 Cm	20 min.	

* DO NOT play CD-ROM, CD-I and DVD-ROM in this player!
(CDGs play audio only, not graphics.)

Disc Markings

⊕-⊕	PAL	NTSC	DOLBY DIGITAL	STEREO	DIGITAL SOUND	dts
• Playback Region Number	• PAL colour system in U.K, France, Germany, etc.	• NTSC broadcast system in USA, Canada, japan, South Korea, etc.	• Dolby Digital disc	• Stereo disc	• Digital Audio disc	• DTS disc

Playback Region Number

Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.
The Region Number for this player is described on the rear panel of the player.

Front View of the DVD-VCR

STANDBY/ON BUTTON
DVD DECK
OPEN/CLOSE BUTTON
VIDEO CASSETTE COMPARTMENT
DVD/VCR SELECT BUTTON
COPY BUTTON
EJECT BUTTON

STOP BUTTON
REW / SKIP BACK BUTTON
PLAY/PAUSE BUTTON
F.F / SKIP NEXT BUTTON
PROGRAMME SELECTION BUTTONS
RECORD BUTTON
AUX VIDEO INPUT JACK
AUX AUDIO L, R INPUT JACK

Rear View of the DVD-VCR

AERIAL IN CONNECTOR
AV2 (DEC./EXT.) SCART (EURO-21) SOCKET
AUDIO L, R OUT SOCKETS
AUDIO L, R OUT SOCKETS
DIGITAL AUDIO OUT SOCKET (COAXIAL)
S-VIDEO OUT JACK

OUT TO TV CONNECTOR
AV1 (EURO AV) IN/OUT SCART (EURO-21) SOCKET
VIDEO OUT SOCKET
DIGITAL AUDIO OUT SOCKET (OPTICAL)

Infrared Remote Control
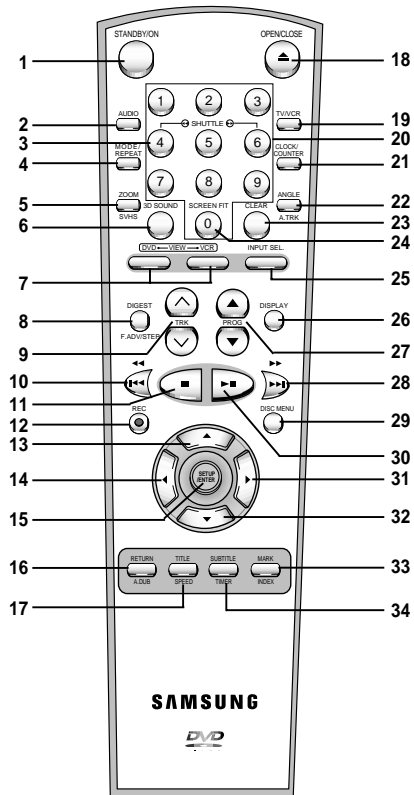
1 STANDBY/ON
2 AUDIO
3 SHUTTLE <</>>
4 MODE
   REPEAT
5 ZOOM, SVHS
6 3D SOUND
7 DVD, VCR
8 DIGEST
   F.ADV/STEP
9 TRACKING (∧/∨)
10 REWIND, SKIP BACK
11 STOP
12 RECORD
13 UP
14 LEFT
15 SETUP/ENTER
16 RETURN, A.DUB
17 TITLE, SPEED
18 OPEN/CLOSE
19 TV/VCR
20 0-9
21 CLOCK/COUNTER
22 ANGLE, A.TRK
23 CLEAR
24 SCREEN FIT
25 INPUT SEL.
26 DISPLAY
27 PROG
28 FAST-FORWARD
   SKIP NEXT
29 DISC MENU
30 PLAY/STILL
31 RIGHT
32 DOWN
33 MARK, INDEX
34 SUBTITLE, TIMER

Display Indicators
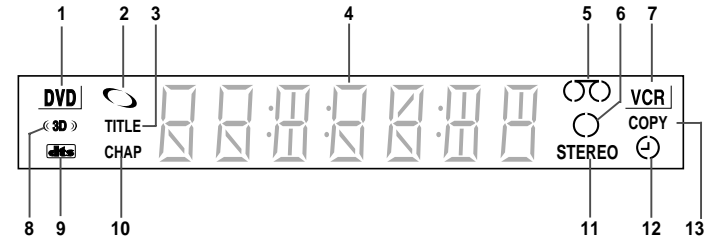
1 The DVD Deck is active
2 A DVD, CD, VCD, or SVCD is loaded
3 The number to the right of the "TITLE" symbol is the current title number
4 The time, counter position, time remaining or current deck status is displayed
5 VHS tape is inserted
6 Recording is in progress (normal and timer)
7 The VCR Deck is active
8 3D Sound is active
9 A DVD with a DTS soundtrack is loaded

10 The number to the right of the "CHAP" symbol is the current chapter number
11 The Hi-Fi track of a VHS tape is playing (The current TV show or video is broadcast in Stereo)
12 A Timer Recording is programmed or in progress. If blinking there is an error.
13 DVD to VHS copy is in progress

Accessories

You have just purchased a SAMSUNG Video Cassette Recorder (DVD-VCR).
Together with your DVD-VCR, you will find the following accessories in the box.

REMOTE CONTROL & BATTERIES   AUDIO & VIDEO CABLE   OWNER'S INSTRUCTIONS   COAXIAL CABLE
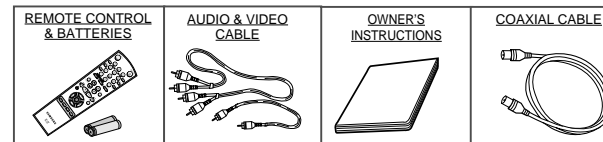
Deciding How to Connect DVD-VCR

You must take into account various factors when connecting audio or video systems:

◆ *Types of connectors available on your systems*

◆ *Systems connected permanently to the DVD-VCR (satellite receiver for example) or temporarily (camcorder for example)*

Your DVD-VCR is equipped with the following connectors.

Connector	Location	Type	Direction	Recommended Use
AV1 (EURO AV)	Rear	SCART	In/Out	◆ Television ◆ Satellite receiver ◆ Other VCR
AV2 IN	Rear	SCART	In	◆ Satellite receiver ◆ CANAL/DECODER ◆ Other VCR
Audio output	Rear	Audio RCA	Out	◆ Audio out
VIDEO output	Rear	RCA	Out	◆ Video out
S-VIDEO output	Rear	S-JACK	Out	◆ S-Video out (DVD only)
Digital AUDIO output	Rear	Optical coaxial	Out	◆ Digital Audio out (DVD only)
OUT TO TV	Rear	75 Ω coaxial	Out	◆ Television
IN FROM ANT.	Rear	75 Ω coaxial	In	◆ Aerial ◆ Cable television network ◆ Satellite receiver

☞ Whenever you connect an audio or video system to your DVD-VCR, ensure that all elements are switched off.

Refer to the documentation supplied with your equipment for detailed connection instructions and associated safety precautions.

Connecting DVD-VCR to the TV using the Coaxial Cable

To receive television programmes a signal must be received from one of the following sources:

◆ *An outdoor aerial*

◆ *An indoor aerial*

◆ *A cable television network*

◆ *A satellite receiver*

☞ Make sure that both the television and the DVD-VCR are switched off before connecting the cables.

**1** Remove the aerial or network input cable from the television.

2 Connect this cable to the 75Ω coaxial socket marked ⊓⊏ on the rear of your DVD-VCR.

3 Plug the coaxial cable supplied into the [TV] socket on your DVD-VCR.

4 Plug the other end of the coaxial cable into the connector previously used for the aerial on the television.

5 To obtain better quality pictures and sound on your television, you can also connect your DVD-VCR to the television via the SCART cable (see section below) if your television is equipped with this type of connection.
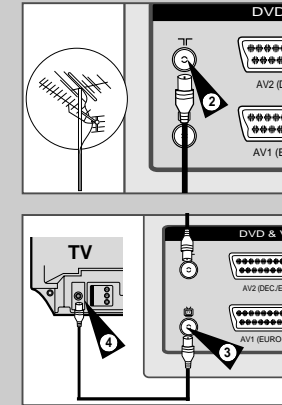
Connecting DVD-VCR to the TV using the SCART Cable
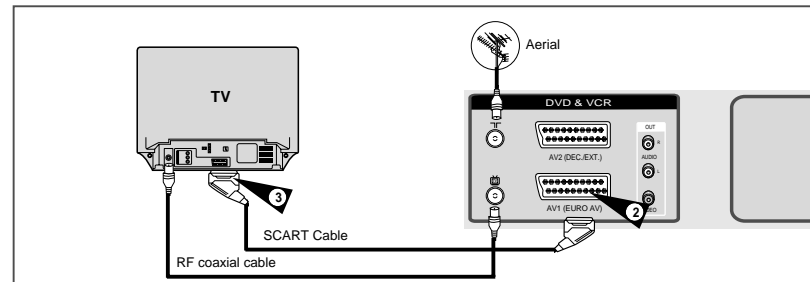
You can connect your DVD-VCR to the television using the SCART cable if the appropriate input is available on the television. You thus:

◆ *Obtain better quality sound and pictures*

◆ *Simplify the setting up procedure of your DVD-VCR*

☞ ◆ Regardless of the type of connection chosen, you must always connect the coaxial cable supplied. Otherwise, no picture will be visible on the screen when the DVD-VCR is switched off.

◆ Make sure that both the television and the DVD-VCR are switched off before connecting the cables.

1 Connect the coaxial cable as indicated in the above section.

2 Connect one end of the SCART cable to the AV1 (EURO AV) socket on the rear of the DVD-VCR.

3 Plug the other end into the appropriate connector on the television.

Connecting DVD-VCR to a Satellite Receiver or Other Equipment

You can connect your DVD-VCR to a Satellite receiver or other DVD-VCR using the SCART cable if the appropriate outputs are available on the equipment chosen. The following illustrations give a few examples of the connection possibilities.

1. AV1(EURO AV): By means of 21-pin Scart Cable

Plug the SCART Cable with satellite receiver or other equipment into the AV1 (EURO AV) socket on the rear of the DVD-VCR.
After making this connection, select the source by pressing the INPUT SEL. button for the AV1 input sources.

2. By means of RF Coaxial Cable

After making this connection, you must preset the station received through the satellite tuner.
RF output channel of the satellite receiver should be adjusted away from channel 60, which is used by the DVD-VCR, e.g. re-adjust to channel 65.

Satellite Receiver or other Equipment
Aerial
Aerial Connector
TV
DVD & VCR
SCART Cable
RF coaxial cable
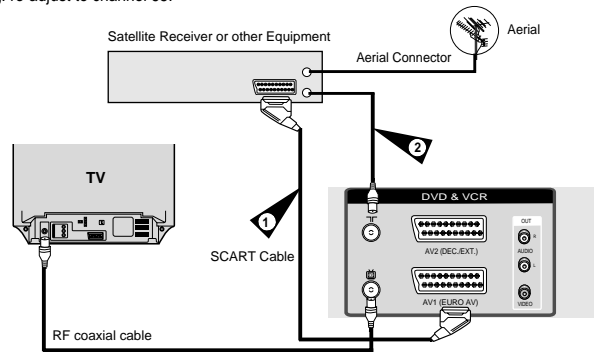
1. AV2 IN: By means of 21-pin Scart Cable

Plug the SCART Cable with satellite receiver or other equipment into the AV2 (DEC./EXT.) socket on the rear of the DVD-VCR.
After making this connection, select the source by pressing the INPUT SEL. button for the AV2 input sources.

2. By means of RF Coaxial Cable

After making this connection, you must preset the station received through the satellite tuner.
RF output channel of the satellite receiver should be adjusted away from channel 60, which is used by the DVD-VCR, e.g. re-adjust to channel 65.

Satellite Receiver or other Equipment
Aerial
Aerial Connector
TV
DVD & VCR
SCART Cable
RF coaxial cable
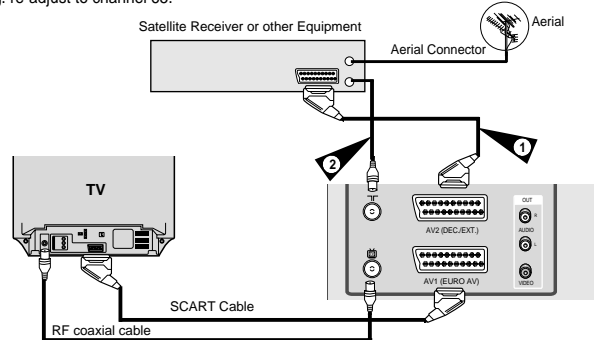
Connecting the Audio Output Cable   VCR

You can connect your DVD-VCR to a Hi-Fi system.

Example: You wish to take advantage of the quality of your Hi-Fi stereo system when watching a programme or recording via your DVD-VCR.

◆ Regardless of the type of connection chosen, you must always connect the coaxial cable supplied. Otherwise, no picture will be visible on the screen when the DVD-VCR is switched off.

◆ Make sure that both the television and the DVD-VCR are switched off before connecting the cables.

1 Connect the coaxial cable or SCART as indicated on page 11.

2 Plug the audio output cable into the audio connectors on the rear of your DVD-VCR.

➢ Respect the colour coding of the left and right channels.

3 Plug the other end of the audio cable into the appropriate input connectors on your Hi-Fi stereo system.
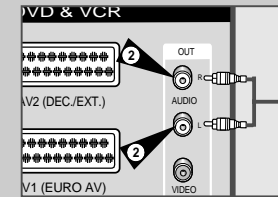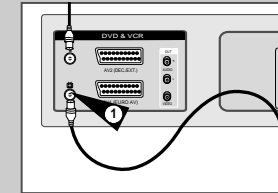
Plug & Auto Set Up   VCR

Your DVD-VCR will automatically set itself up when it is plugged into the mains for the first time. TV stations will be stored in memory. The process takes a few minutes. Your DVD-VCR will then be ready for use.

1 Connect the coaxial cable as indicated on page 11. (Connecting Your DVD-VCR to the TV Using the Coaxial Cable)

2 Plug the DVD-VCR into the mains.

3 Start the auto scanning.
◆ The number of stations automatically stored by the DVD-VCR depends on the number of stations that it has found.

4 The current time and date are displayed automatically. Check the date and time.
if it is :
◆ Correct, Press RETURN button twice to exit the menu.
◆ incorrect, see page 18.

➢ Now, you only have to switch the DVD-VCR on and it is ready for use.

☞ Function for "Plug & Auto Set Up" is fixed already. So if you want to change this fixed one, you can change it by Presetting the Stations Automatically in OSD " Auto Set Up" menu. (see page 20)

TV
DVD & VCR
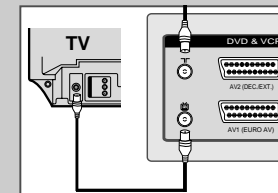
Tuning Your Television for the DVD-VCR

You must tune your television for the DVD-VCR only if you are <u>not</u> using a Scart cable

➤ To view pictures from your DVD-VCR when a Scart cable is used, the television must be set to the audio/video mode (AV).
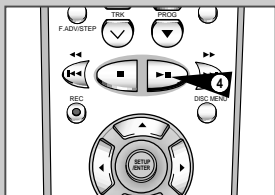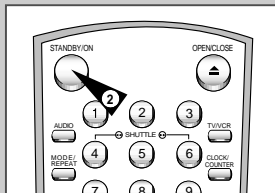
1. Switch on the television.

2. Switch on the DVD-VCR by pressing STANDBY/ON on the front of the DVD-VCR or STANDBY/ON on the remote control.

3. Select a programme position on the television to be reserved for use with your DVD-VCR.

4. Insert the video cassette in the DVD-VCR. Check that the DVD-VCR starts reading the cassette; if not, press ►❙❙ button.

5. Start a scan on your television or set the television to UHF channel 60.

6. Fine tune the television until the pictures and sound are obtained clearly.

7. If you cannot find the pictures and sound, or there is interference from nearby channels, it may be necessary to change the setting of the DVD-VCR output channel (see Setting the DVD-VCR Output Channel on page 24 and Problems and Solutions on page 67).

8. When the picture and sound are perfectly clear, store this channel at the desired programme position on the television.
   Result: That programme is now reserved for use with your DVD-VCR.

Deck Control Keys

The DVD-VCR uses one set of controls to operate <u>both</u> decks. The following keys are helpful in successfully controlling each deck.

1. **STANDBY/ON Button**
   Press the STANDBY/ON button on the remote control or front panel to turn on the DVD-VCR.

2. **DVD Button**
   Press the DVD button on the remote control when you want to control the DVD deck.
   ◆ The DVD indicator will light on the Front Panel Display to show that the DVD deck is selected.

3. **VCR Button**
   Press the VCR button on remote control when you want to control the VCR deck.
   ◆ The VCR indicator will light on the Front Panel Display to show that VHS deck is selected.

4. **DVD-VCR Toggle**
   Press the SELECT button on the front panel to toggle control between the DVD deck and the VCR deck.

➤ Before using the VCR operation of 20~44 pages, press the VCR button on the remote control to select VCR mode.

Before using the DVD operation of 45~65 pages, press the DVD button on the remote control to select and watch DVD.
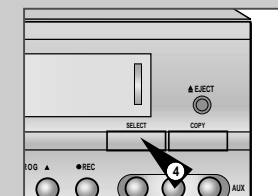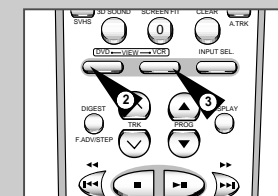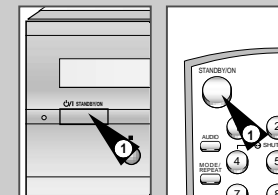
Basic TV Tuner Operations

*The following buttons are used when watching television via the
DVD-VCR's built-in TV tuner.*

1   TV/VCR Button
Press to switch between your TV's tuner and the VCR's internal
tuner.

2   CH Up/Down Button
Press to change to the next or previous channel.

3   0-9 Buttons
Press to select channels directly.

4   Display
Press to display the channel you are watching.
◆ Also works in DVD and VCR mode.
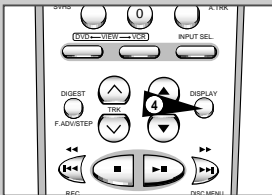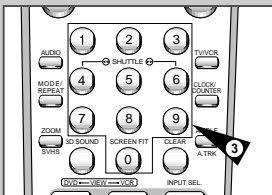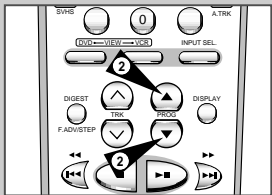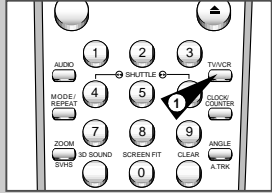
Copying from DVD to VCR

*The DVD-VCR allows you to copy the contents of a DVD to a VHS
tape with a press of the COPY button.*

⚠ *If the DVD you are attempting to copy is copy
protected, you will not be able to copy the disc. It is not
permitted to copy Macrovision® encoded DVDs.*

1   Insert Disc
Insert the disc you wish to copy in the DVD deck and close the
drawer.

2   Insert VHS Tape
Insert a blank VHS videotape into the VCR deck.

3   Copy the DVD to VHS Tape
Press the COPY button on the DVD-VCR front panel.
◆ The DVD will go into Play mode and the VCR will go into Record
mode.

4   Stop the Copy Process
When the DVD is finished playing, press the VCR button on the
remote control and then press the STOP button to end the copy.
◆ You must stop the Copy process manually when the DVD movie
ends or the DVD may replay and record over and over again.

☞   For NTSC DVD or VCD copy
◆ Before starting the copy process, set the Quasi PAL to
Off in Display options of DVD SETUP MENU.
(see page 53)
◆ If Quasi PAL is On, the copy process can not active.
◆ The copy is only active PAL tape system.
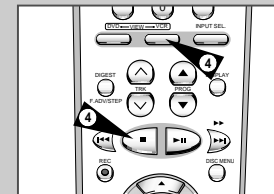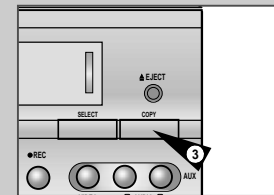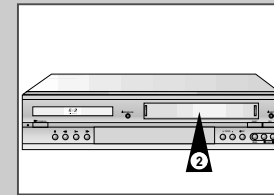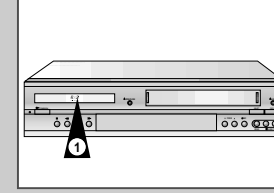
Inserting Batteries in the Remote Control
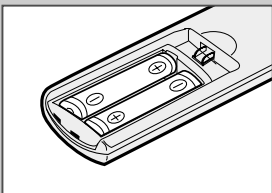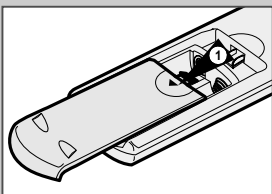
You must insert or replace the batteries in the remote control when you:

◆ *Purchase the DVD-VCR*

◆ *Find that the remote control is no longer working correctly*

1   Push the tab in the direction of the arrow to release the battery compartment cover on the rear of the remote control.

2   Insert two AA, R6 or equivalent batteries, taking care to respect the polarities:
   ◆   + on the battery with + on the remote control
   ◆   – on the battery with – on the remote control

3   Replace the cover by aligning it with the base of the remote control and pushing it back into place.

➤   Do not mix different battery types (manganese and alkaline for example).

Setting the Date and Time
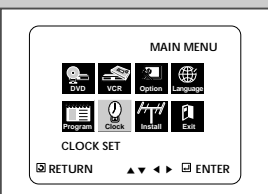
Your DVD-VCR contains a 24-hour clock and calendar used to:
   ◆ *Automatically stop programme recording*
   ◆ *Preset your DVD-VCR to record a programme automatically*

You must set the date and time when:
   ◆ *You purchase the DVD-VCR*

☞   ◆   The time and date are set automatically from the broadcast signal. If the signal is weak or ghosting occurs, the time and date may not be set automatically. In this case, they should be set manually.

◆   Do not forget to reset the time when you change clocks from winter to summer time and vice versa.

1   Press SETUP on the remote control.
   <u>Result</u>:   The programming menu is displayed.

2   Press the corresponding ▲ , ▼ or ◀, ▶ buttons to select the **Clock** option.

3   Press the ENTER button to select this option.
   <u>Result</u>:   The **CLOCK SET** menu is displayed.

4   Press ◀ or ▶ to select the hour, minutes, day, month and year.
   <u>Result</u>:   The option selected flashes.

5   Press the ▲ or ▼ buttons to increase or decrease the value.
   <u>Result</u>:   The day of the week is displayed automatically.

   ➤   You can hold the ▲ or ▼ buttons down to scroll more quickly through the values.

6   On completion, press RETURN to exit the menu.

MAIN MENU

DVD   VCR   Option   Language

Program   Clock   Install   Exit

CLOCK SET

⊠ RETURN   ▲▼ ◀ ▶   ⊟ ENTER

CLOCK SET

12:00   1/JAN/2002
                TUE

AUTO CLOCK : ON

RETURN   ◀▶ ▲▼

Menu Language

1   **Open "MAIN MENU"**
   With the DVD in stop mode, press the SETUP button.

2   **Set "Language"**
   Using the Up/Down and Left/Right buttons, move the selection arrow to Language set then push ENTER button.

3   **Set menu Language**
   Move the selection bar to your desired Language, then push ENTER button.

SETUP
ENTER

RETURN   TITLE   SUBTITLE   MARK

MAIN MENU

DVD   VCR   Option   Language

Program   Clock   Install   Exit

LANGUAGE SET
⊠ RETURN   ▲▼ ◀ ▶   ⊟ ENTER

LANGUAGE SET

▶ English
   Français
   Deutsch
   Español
   Italiano
   Nederlands

⊠ RETURN   ▲▼   ⊟ ENTER
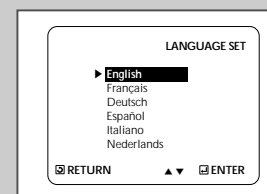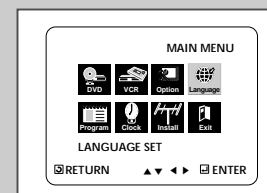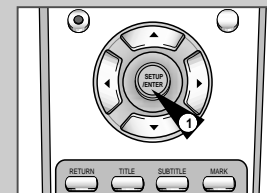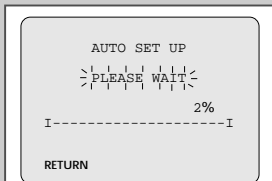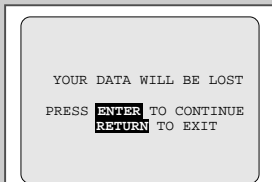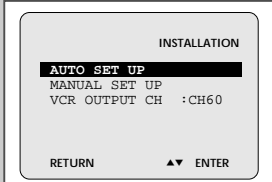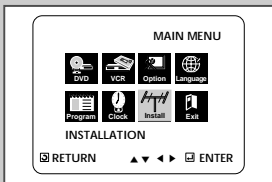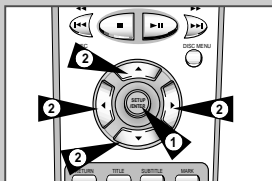
☛ You do not need to preset the stations if you have already set them automatically (see Plug & Auto Set Up on page 13).

Your DVD-VCR contains a built-in tuner used to receive television broadcasts.

You must preset the stations received through the tuner. This can be done:

   ◆ *Plug & Auto Set up (see page 13)*
   ◆ *Automatically*
   ◆ *Manually (see page 21)*

You can store up to 80 stations.

1 Press the SETUP button on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **Install** option.

3 Press the ENTER button to select this option.
Result: The **INSTALLATION** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **AUTO SET UP** is selected.
And then press the ENTER button to select this option.
Result: A message appears, indicating that any channels already preset on your DVD-VCR will be deleted.

5 Press ENTER to start the auto scanning.
Result: ◆ The **PLEASE WAIT** indication flashes on the television screen.
   ◆ The first frequency band is scanned and the first station found is displayed and stored.
   ◆ The DVD-VCR then searches for the second station and so on.
   ◆ When the automatic scanning procedure has finished, the DVD-VCR switches automatically to programme 1.

➢ The number of stations automatically stored by the DVD-VCR depends on the number of stations that it has found.

6 If you wish to cancel the auto scanning before the end, press the RETURN button three times to exit the menu.

➢ ◆ The time and date are set automatically from the broadcast signal. If the signal is weak or ghosting occurs, the time and date may not be set automatically. In this case, they should be set manually (see page 18).

   ◆ Once the auto scanning procedure has finished, some stations may have been stored more than once; select the stations with the best reception and delete the ones no longer required (see page 22).

MAIN MENU

DVD   VCR   Option   Language

Program   Clock   Install   Exit

INSTALLATION

RETURN   ▲▼ ◄ ► ENTER

INSTALLATION

AUTO SET UP
MANUAL SET UP
VCR OUTPUT CH :CH60

RETURN   ▲▼ ENTER

YOUR DATA WILL BE LOST

PRESS **ENTER** TO CONTINUE
RETURN TO EXIT

AUTO SET UP

PLEASE WAIT

2%
I--------------------I

RETURN

☛ You do not need to preset the stations manually if you have already set them automatically.

1 Press the SETUP button on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **Install** option.

3 Press the ENTER button to select this option.
Result: The **INSTALLATION** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **MANUAL SET UP** option is selected.

5 Press the ENTER button to select a **MANUAL SET UP** option.
Result: The **TV STATION TABLE** menu is displayed.

6 Press the ▲ or ▼ buttons to select a programme number as required.

7 Press the ► button to preset the station.
Result: The **MANUAL TUNING** menu is displayed.

8 Press the ◄ or ► buttons to start scanning.
Result: The frequency band is scanned and the first station found is displayed.

9 Press the ▲ or ▼ buttons until the **NAME** is selected.
The station name is set automatically from the broadcast signal.

10 To change the programme's name, press the ► button.
Result: The first letter of the name flashes.

11

To...	Then...
Select a character in the name	Press the ▲ or ▼ button until the required character is displayed (letters, numbers or "-" character).
Move to the next or previous character	Press the ► or ◄ buttons respectively.

12

If you...	Then...
Wish to store the station displayed	◆ Press the corresponding ▲ or ▼ buttons, until the **MFT** is selected. ◆ Press the ◄ or ► buttons to adjust the picture, if necessary. ◆ Press ENTER to store the station
Do <u>not</u> wish to store the station displayed	◆ Press the corresponding ▲ or ▼ buttons, until the **CH** is selected. ◆ Press the ◄ or ► buttons to go on scanning the frequency band and display the next station ◆ Go back to the beginning of Step **12**

13 Repeat this procedure from Step **6** onwards, until all the required stations have been stored.

14 On completion, press the RETURN button three times to exit the menu.

MAIN MENU

DVD   VCR   Option   Language

Program   Clock   Install   Exit

INSTALLATION

RETURN   ▲▼ ◄ ► ENTER

INSTALLATION

AUTO SET UP
MANUAL SET UP
VCR OUTPUT CH :CH60

RETURN   ▲▼ ENTER

TV STATION TABLE

PR   CH   NAME
1
2
3
4
5
▲▼ ►   SWAPPING:ENTER
RETURN   DELETE:CLEAR

MANUAL TUNING

PR   :
CH   : ---
MFT   : –
NAME : ----

▲▼ ◄►   MEMORY:ENTER
RETURN

Clearing a Preset Station

```
                    MAIN MENU

  DVD    VCR   Option  Language

 Program Clock  Install  Exit

  INSTALLATION
 RETURN      ▲▼ ◄ ►  ENTER
```
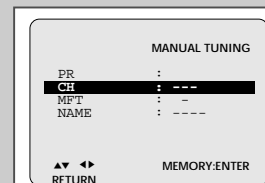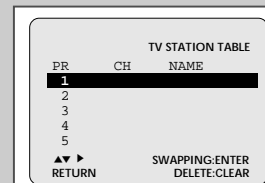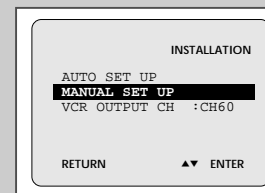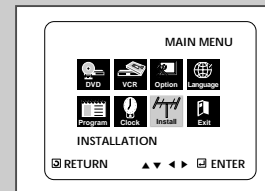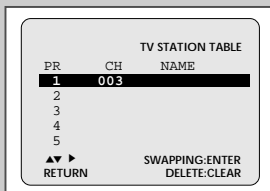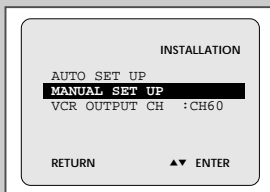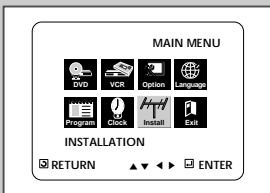
If you have stored a TV station:

◆ *That you do not require*

◆ *At the wrong programme position*

you can cancel it.

1 Press the SETUP button on the remote control.
<u>Result</u>: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **Install** option.

3 Press the ENTER button to select this option.
<u>Result</u>: The **INSTALLATION** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **MANUAL SET UP** option is selected.

5 Press the ENTER button to select a **MANUAL SET UP** option.
<u>Result</u>: The **TV STATION TABLE** menu is displayed.

6 Press the corresponding ▲ or ▼ buttons, until the required preset TV station (PR) is selected.

7 Press the CLEAR button.

8 Repeat the same procedure from Step **6** onwards until all the required stations have been cleared.

9 On completion, press the RETURN button three times to exit the menu.

```
                      INSTALLATION
  AUTO SET UP
  MANUAL SET UP
  VCR OUTPUT CH  :CH60

  RETURN          ▲▼  ENTER
```

```
              TV STATION TABLE
  PR    CH    NAME
  1    003
  2
  3
  4
  5
  ▲▼ ►            SWAPPING:ENTER
  RETURN          DELETE:CLEAR
```

Changing the Preset Station Table

You can rearrange the Station Table and give different programme numbers to the stations listed according to your own preferences.

1 Press the SETUP button on the remote control.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **Install** option.

3 Press the ENTER button to select this option.
<u>Result</u>: The **INSTALLATION** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **MANUAL SET UP** option is selected.

5 Press the ENTER button to select this option.
<u>Result</u>: The **TV STATION TABLE** menu is displayed.

6 Press the corresponding ▲ or ▼ buttons, until the required preset TV programme is selected.
<u>Result</u>: The selected station is displayed at the same time on the television screen.

7 To change the programme number assigned to a station press the ENTER button on the remote control. (For example, To move a TV station in programme 1 to programme 3)

8 Press the ▲ or ▼ buttons to select required position.
And then press ENTER again to swap the position.

9 On completion, press the RETURN button three times to exit the menu.

```
                    MAIN MENU

  DVD    VCR   Option  Language

 Program Clock  Install  Exit

  INSTALLATION
 RETURN      ▲▼ ◄ ►  ENTER
```

```
                      INSTALLATION
  AUTO SET UP
  MANUAL SET UP
  VCR OUTPUT CH  :CH60

  RETURN          ▲▼  ENTER
```

```
              TV STATION TABLE
  PR    CH    NAME
  1    003    ----
  2
  3
  4
  5
  ▲▼ ►            SWAPPING:ENTER
  RETURN          DELETE:CLEAR
```

```
              TV STATION TABLE
  PR    CH    NAME
  1
  2
  3    003    ----
  4
  5
  ▲▼ ►            SWAPPING:ENTER
  RETURN          DELETE:CLEAR
```

VCR	Setting the DVD-VCR Output Channel

MAIN MENU

🖳 DVD	📼 VCR	🖥 Option	🌐 Language
🗒 Program	⏱ Clock	📡 Install	🚪 Exit

INSTALLATION

↩ RETURN   ▲▼ ◀ ▶ ⊟ ENTER

INSTALLATION

AUTO SET UP
MANUAL SET UP
VCR OUTPUT CH :CH60   — CH21

RETURN   ◀▶ ▲▼   CH36
                      CH69

Your DVD-VCR output channel may need to be changed if the pictures suffer from interference or if your TV cannot find the pictures.
Also, you can change the DVD-VCR output channel to adjust the frequency in which information is displayed on the screen.
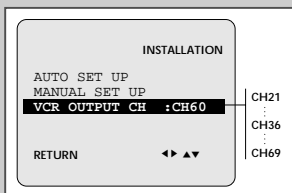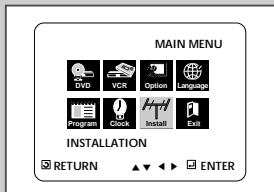
1 Press SETUP on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◀, ▶ buttons to select the **Install** option.

3 Press the ENTER button to select this option.
Result: The **INSTALLATION** menu is displayed.

4 Press the ▲ or ▼ buttons, until the **VCR OUTPUT CH** option is selected.

5 Select the required output channel (CH21~CH69) by pressing the ◀ or ▶ buttons.

6 On completion, press RETURN to exit the menu.
Then tune your television again (see page 14).

Selecting the Colour Mode	VCR

Before recording or playing back a cassette, you can select the required system standard.
Otherwise, the system automatically selects the reception standard when you select AUTO.

➢ ◆ When playing back a cassette, the standard is automatically selected by the DVD-VCR.
◆ When you playback an NTSC-recorded tape on this DVD-VCR make a setting on the colour system according to your TV. If your TV is a PAL system only TV, set NTPB. If your TV is Multi System TV (NTSC 4.43 compatible), set NT4.43 and you can record NT4.43.

1 Press SETUP on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◀, ▶ buttons to select the **Option** option.

3 Press the ENTER button to select this option.
Result: The **USER SET** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **COLOUR SYSTEM** option is selected.

5 Press the ▶ button to select **AUTO → PAL → B/W**.

AUTO	When playing back a cassette, the system standard is automatically selected by the DVD-VCR.
B/W	Black and White

6 On completion, press RETURN twice to exit the menu.

MAIN MENU

🖳 DVD	📼 VCR	🖥 Option	🌐 Language
🗒 Program	⏱ Clock	📡 Install	🚪 Exit

USER SET

↩ RETURN   ▲▼ ◀ ▶ ⊟ ENTER

USER SET

COLOUR SYSTEM   :AUTO   — AUTO
NICAM   :ON   PAL
IPC   :ON   B/W
AUTO POWER OFF :OFF
VIDEOPLUS EXTEND :OFF

RETURN   ▲▼ ◀▶

NICAM	VCR

NICAM programmes are divided into 3 types. NICAM Stereo, NICAM Mono and Bilingual (transmission in another language). NICAM programmes are always accompanied by a standard mono sound broadcast and you can select the desired sound. Please refer to page 37.

1 Press SETUP on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◀, ▶ buttons to select the **Option** option.

3 Press the ENTER button to select this option.
Result: The **USER SET** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **NICAM** option is selected.

5	**To...**	**Press ◀ or ▶, until...**
	Mono mode	**OFF** is displayed.
		OFF: Only set at this position to record the standard mono sound during a NICAM broadcast if the stereo sound is distorted due to inferior reception conditions.
	NICAM mode	**ON** is displayed.
		ON: Normally set at this position.

6 On completion, press RETURN twice to exit the menu.

MAIN MENU

🖳 DVD	📼 VCR	🖥 Option	🌐 Language
🗒 Program	⏱ Clock	📡 Install	🚪 Exit

USER SET

↩ RETURN   ▲▼ ◀ ▶ ⊟ ENTER

USER SET

COLOUR SYSTEM   :AUTO   — ON
NICAM   :ON
IPC   :ON   OFF
AUTO POWER OFF :OFF
VIDEOPLUS EXTEND :OFF

RETURN   ▲▼ ◀▶
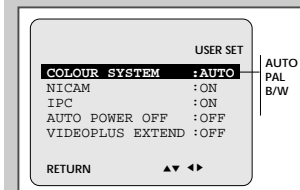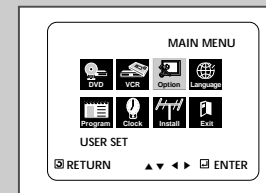
The Intelligent Picture Control Feature allows you to adjust the sharpness of the image automatically, according to your own preferences.

MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

USER SET

RETURN ▲▼ ◀ ▶ ENTER

USER SET

COLOUR SYSTEM   :AUTO
NICAM   :ON
IPC   :ON
AUTO POWER OFF   :OFF
VIDEOPLUS EXTEND :OFF

RETURN   ▲▼ ◀▶

ON
OFF
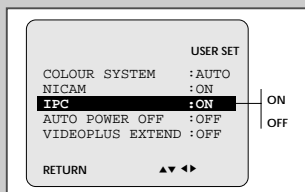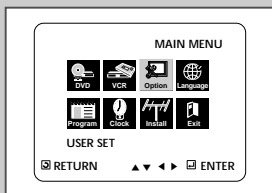
1 During playback, press the SETUP button on the remote control.
<u>Result</u>:   The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◀, ▶ buttons to select the **Option** option.

3 Press the ENTER button to select this option.
<u>Result</u>:   The **USER SET** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **IPC** option is selected.

5 Press the ▶ button to select the IPC (intelligent picture control) option.

➢ When intelligent picture control mode is **ON**, the sharpness of the image is adjusted automatically.

6 To adjust the sharpness manually, press the ▼ button to turn the IPC mode **OFF**.

7 Press the ◀ or ▶ buttons until the picture is displayed according to your preferences.

➢ If you do not press a button within ten seconds, the **PICTURE** menu disappears automatically.

8 On completion, press the RETURN button again.

VCR **Auto Power Off**

The Auto Power Off feature automatically turns off your DVD-VCR if no signal is received and you do not press any button for the selected time.
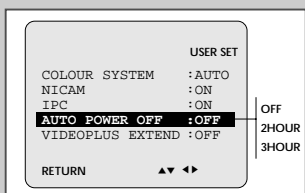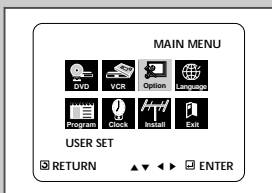
MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

USER SET

RETURN ▲▼ ◀ ▶ ENTER

USER SET

COLOUR SYSTEM   :AUTO
NICAM   :ON
IPC   :ON
AUTO POWER OFF   :OFF
VIDEOPLUS EXTEND :OFF

RETURN   ▲▼ ◀▶

OFF
2HOUR
3HOUR

1 Press SETUP on the remote control.
<u>Result</u>:   The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◀, ▶ buttons to select the **Option** option.

3 Press the ENTER button to select this option.
<u>Result</u>:   The **USER SET** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **AUTO POWER OFF** option is selected.

5 Press the ▶ button, until you select the time of Auto Power off interval.

➤ **OFF ⟶ 2HOUR ⟶ 3HOUR**

6 On completion, press RETURN twice to exit the menu.

To prevent delays or over-runs the VCR has a function called Videoplus EXTEND allowing you to extend the recording time by up to 60 minutes.

➢ Only use if PDC is not available or set to OFF.

1 Press the SETUP button on the remote control.

2 Press the corresponding ▲, ▼ or ◀, ▶ buttons to select the **Option** option.

3 Press the ENTER button to select this option.
<u>Result</u>:   The **USER SET** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **VIDEOPLUS EXTEND** option is selected.

5 Press ◀ or ▶ buttons to set the Videoplus EXTEND time by increments of 10 minutes.

6 To turn off, press ◀ or ▶ buttons repeatedly until **OFF** shows.

MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

USER SET

RETURN ▲▼ ◀ ▶ ENTER

USER SET

COLOUR SYSTEM   :AUTO
NICAM   :ON
IPC   :ON
AUTO POWER OFF   :OFF
VIDEOPLUS EXTEND :OFF

RETURN   ◀▶ ▲▼

OFF
10
⋮
60

Selecting the Cassette Type

If you wish to use the tape counter to display the time remaining on a cassette, you must indicate the type of cassette inserted.

```
                              MAIN MENU

        DVD      VCR     Option   Language

      Program   Clock   Install    Exit

      VCR FUNCTION SETUP

      RETURN        ▲▼ ◄ ►  ⏎ ENTER
```

```
              VCR FUNCTION SETUP          E180
                                          E240
      Tape Select      ◄► E180            E260
      Repeat Play         Off             E300
      OSD                 On

      RETURN           ▲ ▼
```

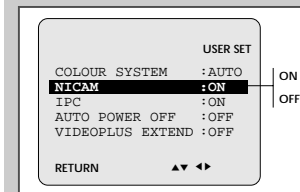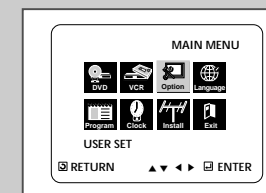**1** Press SETUP on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **VCR** option.

3 Press the ENTER button to select this option.
Result: The **VCR FUNCTION SETUP** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **Tape Select** option is selected.

5 Press the ◄ or ► buttons as many times as required, until the correct cassette length is displayed.

```
        ► E180 ──► E240 ─┐
        └─ E 300 ◄── E260 ◄─┘
```

6 Press RETURN twice to exit the menu.

Auto Repeat Play

You can set repeat play to repeat the tape continuously from beginning to end.
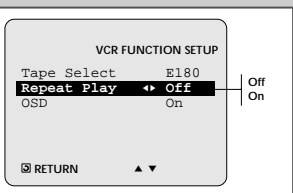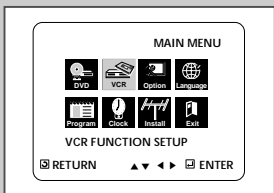
```
                              MAIN MENU

        DVD      VCR     Option   Language

      Program   Clock   Install    Exit

      VCR FUNCTION SETUP

      RETURN        ▲▼ ◄ ►  ⏎ ENTER
```

```
              VCR FUNCTION SETUP

      Tape Select         E180
      Repeat Play      ◄► Off        Off
      OSD                 On         On

      RETURN           ▲ ▼
```

1 Press SETUP on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **VCR** option.

3 Press the ENTER button to select this option.
Result: The **VCR FUNCTION SETUP** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **Repeat Play** option is selected.

5 To...   Press ◄ or ►, until...

Repeat play   **On** is displayed.

Do not wish to repeat play   **Off** is displayed.

6 On completion, press RETURN twice to exit the menu.

Your DVD-VCR displays most information both on the DVD-VCR and the television.

You can choose to display or hide this information on the television screen (except for the Index, Programming MENU and Timer functions, which cannot be hidden).

```
                              MAIN MENU

        DVD      VCR     Option   Language

      Program   Clock   Install    Exit

      VCR FUNCTION SETUP

      RETURN        ▲▼ ◄ ►  ⏎ ENTER
```

```
              VCR FUNCTION SETUP

      Tape Select         E180
      Repeat Play         Off            On
      OSD              ◄► On             Off

      RETURN           ▲ ▼
```
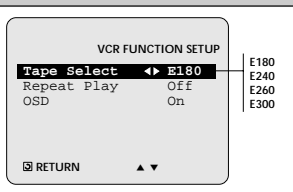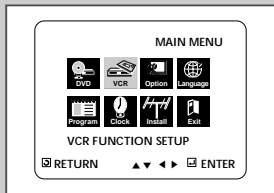
1 Press SETUP on the remote control.
Result: The programming menu is displayed.

2 Press the corresponding ▲, ▼ or ◄, ► buttons to select the **VCR** option.

3 Press the ENTER button to select this option.
Result: The **VCR FUNCTION SETUP** menu is displayed.

4 Press the corresponding ▲ or ▼ buttons, until the **OSD** option is selected.

5 To...   Press ◄ or ►, until...

Display on-screen information   **On** is displayed.

Hide on-screen information   **Off** is displayed.

6 On completion, press RETURN twice to exit the menu.

Selecting the Recording Speed   **VCR**

You can record a cassette at two different speeds:
  ◆ *SP (Standard Play)*
  ◆ *LP (Long Play)*
In Long Play modes:
  ◆ *Each cassette lasts twice as long*
  ◆ *The recording is of a slightly lower quality*

Type	Recording Time (in SP)
E-180	180 mins. or 3 hours
E-240	240 mins. or 4 hours
E-260	260 mins. or 4 hours and 20 mins.
E-300	300 mins. or 5 hours

To record a cassette...	Press the SPEED button on the remote control, until...
In standard play mode	**SP** is displayed.
In long play mode	**LP** is displayed.

```
                  SETUP
                  ENTER


      RETURN  TITLE   SUBTITLE   MARK

              SPEED    TIMER    INDEX
```
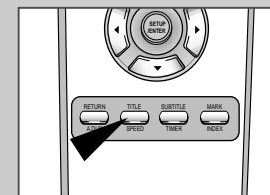
Protecting a Recorded Cassette
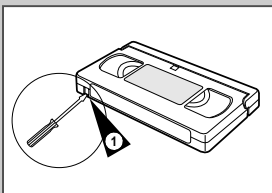
Video cassettes have a safety tab to prevent accidental erasure. When this tab has been removed, you <u>cannot</u> record on the tape.

1 If you wish to protect a cassette, break off the tab using a small screwdriver.

2 To re-record over a protected cassette (safety tab broken), cover the hole with adhesive tape.

Recording a Programme Immediately

Before recording a programme, you must have preset the corresponding station (unless you are recording via an external video source). If you have not done so, refer to pages 20 and 21.

1 Switch on the television.

2 To monitor the programme being recorded, select the television channel reserved for use with your DVD-VCR (or the AV input if used).

3 Insert the cassette on which the programme is to be recorded, with the window visible and the safety tab intact or the opening covered with adhesive tape.
<u>Result</u>: The DVD-VCR is switched on automatically.

4 Select:
◆ The station to be recorded using the PROG (▲ or ▼) buttons
or
◆ The AV1, AV2 or AUX source using the INPUT SEL. button for a satellite tuner or external video source
<u>Result</u>: The station number is displayed and the programme can be seen on the television.

5 Select the recording speed by pressing the SPEED button as many times as required (see page 29).

6 Hold REC (●) down for a while to start recording.
<u>Result</u>: The record indicator appears on the television and DVD-VCR display. An index is recorded on the tape (see page 39).

7 To stop recording, press ■ once.

➢ ◆ If your DVD-VCR ejects the cassette when you start recording, check to make sure that the cassette's safety tab is intact or that the opening (created by a broken safety tab) is covered with adhesive tape.
◆ If you reach the end of the tape while recording, the cassette rewinds automatically.

This function enables you to record up to nine hours (LP) of programmes.
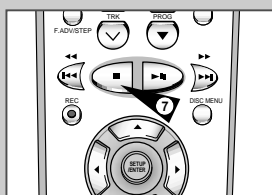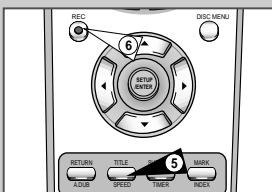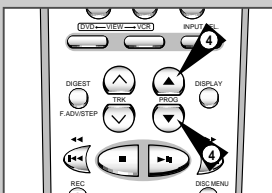*Your DVD-VCR stops automatically after the requested length of time.*

1 Switch on the television.

2 To monitor the programme being recorded, select the television channel reserved for use with your DVD-VCR (or the AV input if used).

3 Insert the cassette on which the programme is to be recorded, with the window visible and the safety tab intact or the opening covered with adhesive tape.
<u>Result</u>: The DVD-VCR is switched on automatically.

4 Select:
◆ The station to be recorded using the PROG (▲ or ▼) buttons
or
◆ The AV1, AV2 or AUX source using the INPUT SEL. button for a satellite tuner or external video source
<u>Result</u>: The channel number is displayed and the programme can be seen on the television.

5 Select the recording speed by pressing the SPEED button as many times as required (see page 29).

6 Hold the REC button (●) down for a while to start recording.
<u>Result</u>: The record indicator appears on the television screen and DVD-VCR display. An index is recorded on the tape (see page 39).

7 Press the REC button (●) several times to increase the recording time in:
◆ 30-minute intervals up to four hours
◆ 1-hour intervals up to nine hours (LP)
<u>Result</u>: The length is displayed on the television displays. The selected programme is recorded for the length of time requested. At the end of that time, the DVD-VCR stops recording automatically.

8 If you wish to cancel the recording before the end, press STANDBY/ON.

☞ If the end of the tape is reached while recording:
◆ The recording stops

☞ This function is not available in DVD recording

```
LENGTH 2:30

SET LENGTH :
        PRESS REC ●
```
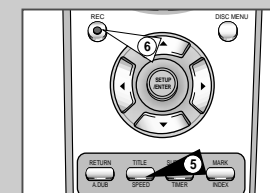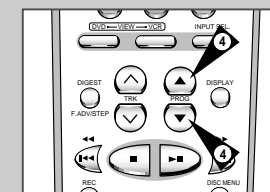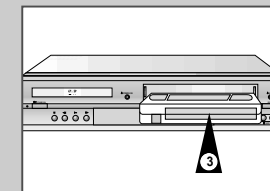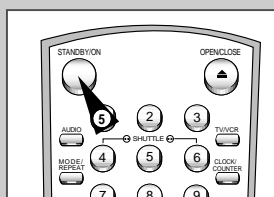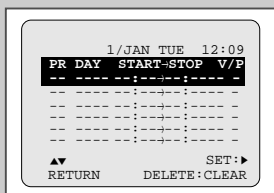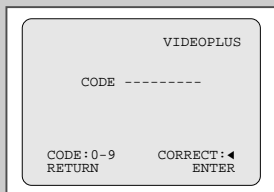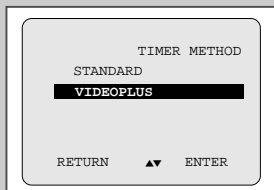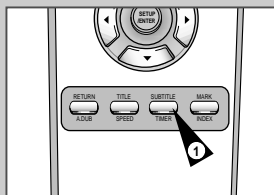
Before presetting your DVD-VCR:

◆ *Switch on both the television and your DVD-VCR*

◆ *Check that the date and time are correct*

◆ *Insert the cassette on which the programme is to be recorded (safety tab intact)*

Up to six programmes can be preset.

1   To enter a VideoPlus, press the TIMER button.
Press the ▼ and ENTER buttons to select **VIDEOPLUS**.
Result: A message is displayed to allow you to enter the VIDEOPLUS+ code.

☞   If all six programmes have been set, the message **TIMER IS FULL** is displayed. Refer to page 35 if you wish to cancel a preset recording.

2   Press the numeric buttons to enter the code opposite the programme that you wish to record in your television magazine.

➢   If you wish to correct the VIDEOPLUS+ code that you are entering:

◆   Press the ◄ button until the digit to be corrected is cleared

◆   Enter the correct digit

3   Press the SETUP button.
Result: The information concerning the programme is displayed.

☞   When using the VIDEOPLUS+ function for the first time with stored stations, the programme number flashes. This one time, you must enter the station number manually by pressing the ▲ or ▼ buttons. Refer to the following page if:

◆   The programme number or times flash

◆   You wish to modify the programme

4   If the programme and times are correct, press the RETURN button.

5   Press the STANDBY/ON button to activate the timer.

6   Refer to page 35 if you wish to:
◆   Check that your DVD-VCR has been programmed correctly
◆   Cancel a preset recording

☞   The numbers next to each TV programme listing are VIDEOPlus+ code numbers, which allow you to programme your videorecorder instantly with the remote control. Tap in the VIDEOPLUS+ code for the programme you wish to record.

™ VIDEOPLUS+ is a trademark of Gemstar Development Corporation. The VIDEOPLUS+ system is manufactured under licence from Gemstar Development Corporation.

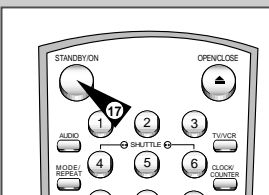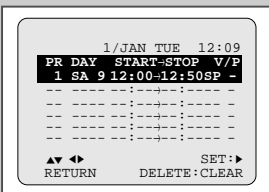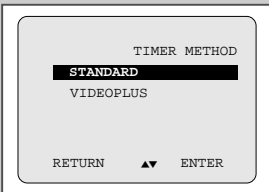*If you wish to correct the programme displayed or modify certain elements, such as the recording speed, you can do so before you press SETUP a second time to confirm.*

If you wish to...	Then...
Select an input source other than the tuner (AV1, AV2 or AUX)	◆ Press the ◄ or ► buttons, until the **PR** selection flashes. ◆ Press the INPUT SEL. button one or more times to change the input source selection. Result: The programme number is replaced by: • The AV1, AV2 or AUX source using the INPUT SEL. button for a satellite tuner or external video source ➢ The input source must be selected before changing any other value.
Record a programme every day (Monday to Sunday) at the same time	◆ Press the ◄ or ► buttons, until the **DAY** selection flashes. ◆ Press the ▲ or ▼ buttons, until the **DLY** (Daily) value is displayed.
Record a programme every week on the same day and at the same time	◆ Press the ◄ or ► buttons, until the **DAY** selection flashes. ◆ Press the ▲ or ▼ buttons, until the **W-** (Week) value is displayed, followed by the required day. Example: **W-SA** (Weekly Saturday)
Extend the recording time	◆ Press the ◄ or ► buttons, until the **STOP** selection flashes. ◆ Press the ▲ or ▼ buttons to increase or decrease the stop time.
Select the recording speed	◆ Press the ◄ or ► buttons, until the recording speed selection flashes. ◆ Press the ▲ or ▼ buttons until the correct indication is displayed: • **AUTO** (Auto Tape Speed Select) : see page 34 • **SP** (Standard Play) • **LP** (Long Play)
Select the PDC recording	◆ Press the ◄ or ► buttons, until the V/P selection flashes. ◆ Press the ▲ or ▼ buttons until the "ON" indication is displayed. ☞ Do not select PDC unless you are sure the programme you wish to record is broadcast with PDC. If you do set PDC ON (by selecting "ON" in the right - hand column on the screen), then you must set up the start-time EXACTLY according to the published TV schedule. Otherwise the timer recording won't take place.

Panel displays:

TIMER METHOD
STANDARD
VIDEOPLUS

RETURN   ▲▼   ENTER

VIDEOPLUS

CODE ---------

CODE:0-9   CORRECT:◄
RETURN   ENTER

1/JAN TUE 12:09
PR DAY START-STOP V/P
-- ---- --:---+--:---- -
-- ---- --:---+--:---- -
-- ---- --:---+--:---- -
-- ---- --:---+--:---- -
-- ---- --:---+--:---- -
-- ---- --:---+--:---- -
▲▼   SET:►
RETURN   DELETE:CLEAR

Using the Timer Programming Feature

```
          TIMER METHOD
 STANDARD

 VIDEOPLUS


 RETURN     ▲▼     ENTER
```

```
      1/JAN TUE  12:09
 PR DAY  START→STOP  V/P
  1 SA 9 12:00→12:50SP -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -

 ▲▼ ◄►                SET:►
 RETURN      DELETE:CLEAR
```

The Timer Programming feature allows you to preset the DVD-VCR to record a programme up to one month before that programme is to be broadcast. Up to six programmes can be preset.

☞ Before presetting a recording, check that the date and time are correct.

1 Insert the cassette and press TIMER on the remote control.
Result: The timer selection is displayed.

2 Press the ENTER button to select **STANDARD** option.
Result: The **TIMER PROGRAMMING** menu is displayed.

3 Press ► to select the input source.

4 Select the required station by pressing the ▲ , ▼ buttons or INPUT SEL. to select the AV1, AV2 or AUX input sources.

5 Press ► to select the recording day.

6 Select the required day by pressing the ▲ or ▼ buttons.

7 Press ► to select the recording start time.

8 Select the required hour value by pressing the ▲ or ▼ buttons.

9 Press ► to select the minutes.

10 Select the required minute value by pressing the ▲ or ▼ buttons.

11 Press ► to select the recording end time.

12 Select the required recording end time by pressing the ▲ or ▼ buttons, following the same procedure as when selecting the recording start time.

13 Press ► to select the recording speed.

14 Press the ▲ or ▼ buttons to select the **SP** (Standard Play), **LP** (Long Play), **AUTO** (Auto Tape Speed Select) recording speeds.

15 Press the ▲ or ▼ buttons to toggle between the VPS or PDC mode (marked **ON**) and the non-VPS/PDC mode (marked **–**).

16 When you have finished, press the RETURN button.

17 Press the STANDBY/ON button to activate the timer.
Result: Before starting recording, the DVD-VCR compares the timer duration with the remaining time on the cassette.

➢ Auto Tape Speed Select. The DVD-VCR's "Auto Tape Speed Select" function compares the duration of the timer recording to the actual recording time remaining on the tape loaded. If there is insufficient tape to complete a timer recording in AUTO mode, the DVD-VCR automatically switches to LP mode to record the whole programme.

Checking a Preset Recording

You can check your preset recordings:

◆ *When you have finished presetting the DVD-VCR*

◆ *If you have forgotten which programmes will be recorded*

```
      1/JAN TUE  12:09
 PR DAY  START→STOP  V/P
  1 SA 9 12:00→12:50SP -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -

 ▲▼ ◄►
 RETURN      DELETE:CLEAR
```

1 Press TIMER on the remote control.
Result: The timer selection is displayed.

2 Press the ENTER button to select **STANDARD** option.
Result: The **TIMER PROGRAMMING** menu is displayed.

3 Press the ▲ or ▼ buttons to select the required programme.

4 Press the ◄ or ► buttons to select and change any values as required. For more details, refer to the previous page.

5 On completion, press RETURN twice.

Cancelling a Preset Recording
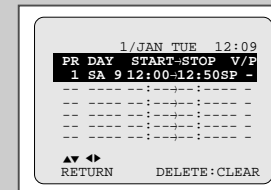
You can cancel any programmes that are:

◆ *Incorrect*

◆ *No longer required*

```
      1/JAN TUE  12:09
 PR DAY  START→STOP  V/P
  1 SA 9 12:00→12:50SP -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -
 -- ---- --:-- →--:---- -

 ▲▼ ◄►
 RETURN      DELETE:CLEAR
```

1 Press TIMER on the remote control.
Result: The timer selection is displayed.

2 Press the ENTER button to select **STANDARD** option.
Result: The **TIMER PROGRAMMING** menu is displayed.

3 Select the programme to be cancelled by pressing the ▲ or ▼ buttons.

4 Press the CLEAR button to cancel the selected programme.
Result: All the recording information is deleted and the broadcast will not be recorded.
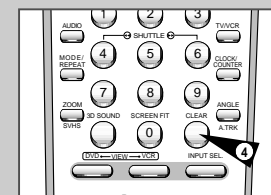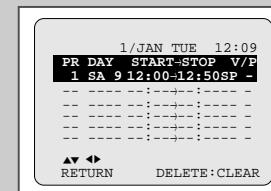
5 On completion, press RETURN twice.
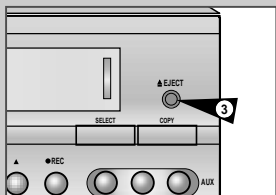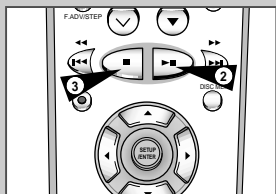
This function allows you to play back any pre-recorded cassette.

1 Switch on both the television and your DVD-VCR.

2 Insert the video cassette to be played. If the safety tab on the cassette is intact, press ►II.
Otherwise, the cassette is played automatically.

➤ When a cassette is loaded, the tape position is optimized automatically to reduce disturbance (Digital Auto Tracking).
When playing a cassette, if the end of the tape is reached, the cassette is rewound automatically.
NTSC tapes can be played back but cannot be recorded with this DVD-VCR.

3 **To...**   **Then press...**

Stop the playback   ■ (STOP).

Eject the cassette   ▲ (EJECT).

VCR **Adjusting Picture Alignment Automatically**

The Picture Alignment feature enables you to optimize the tape position automatically to obtain the best possible picture.

When noise bars or streaks appear during playback, adjust picture alignment by pressing the A.TRK button.

Result: ◆ The tracking bar appears.
◆ The picture is automatically adjusted.
◆ The tracking bar disappears when digital auto tracking has been completed.

VCR **Adjusting Picture Alignment Manually**
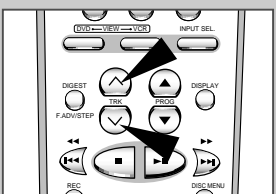
The Picture Adjustment feature allows you to adjust the alignment manually to obtain the best possible picture.

When noise bars or streaks appear during playback, adjust alignment manually by pressing the TRK (∧ or ∨) buttons until the picture is clear and stable.

Result: ◆ The tracking bar appears.
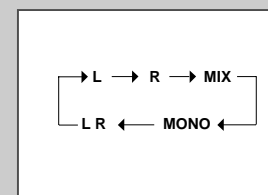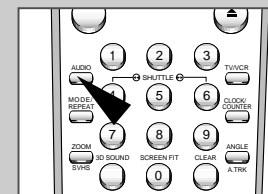◆ The image is adjusted.
◆ The tracking bar disappears when you release the button.

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Selecting the Audio Output Mode **VCR**

GB

You can select the mode in which the sound is reproduced on the loudspeakers and AV outputs. The following options are available.
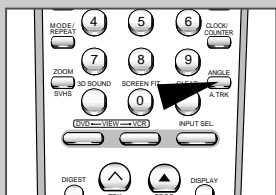
Option	Description
L	Used to listen to the sound on the left Hi-Fi channel.
R	Used to listen to the sound on the right Hi-Fi channel.
MIX	Used to listen to the mixed sound of the Hi-Fi and normal channels.
MONO	Used to listen to the sound on the normal mono channel.
L R	Used to listen to Hi-Fi stereo sound on the left and right channels.

➤ When playing back tapes recorded in Hi-Fi, the sound switches to Hi-Fi after five seconds of Mono.

To select the sound mode, simply press the AUDIO button on the remote control until the required option is displayed.

→ L → R → MIX →
L R ← MONO ←

Playing a Cassette in Slow Motion **VCR**

You can play a cassette in slow motion.

➤ No sound is heard when playing back a cassette in slow motion.

1 Press:
◆ ►II to start playing the cassette
◆ ►II button one more time to make PAUSE mode.
◆ ►► to start SLOW mode.
◆ ►► or ◄◄ button as many times as required to decrease or increase the speed respectively
◆ To return to the normal speed, press the ►II button twice.

2 When playing back in slow motion, picture interference may occur. Press the TRK (∧ or ∨) buttons to minimize this effect.

☞ When you have been using the Slow Motion function for more than about five minutes, the DVD-VCR will automatically play to protect the:
◆ Cassette
◆ Video heads

37
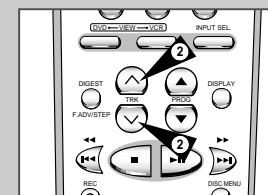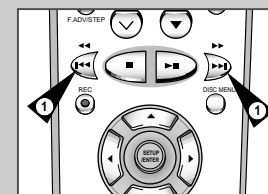
You can:

◆ *Stop the cassette at a given frame (image)*
◆ *Advance one frame at a time*

➤ No sound is heard when playing back frame by frame.

1 Press:
◆ ►II to start playing the cassette
◆ ►II to stop the tape at a given frame
◆ F.ADV/STEP (○ F.ADV/STEP) to advance frame by frame

2 To return to normal playback, press ►II.

☞ When you have been using the Frame-by-Frame function for more than about five minutes, the DVD-VCR will automatically play to protect the cassette and video heads.

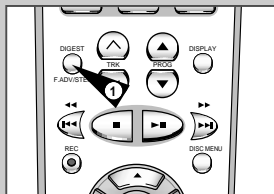➤ Vertical stability: When playing back frame by frame, interference may be seen on the screen. Press the TRK (○ TRK , ○ TRK) buttons to minimize this effect.

You can vary the playback speed using the Shuttle function (up to nine times the normal speed).
Example: You wish to analyze a sportsperson's technique, movement by movement.
The Shuttle function is available on the Remote control

➤ No sound is heard when playing a sequence at variable speeds.

1 Press:
◆ ►II during playback
◆ SHUTTLE (<<) to play the cassette backwards
◆ SHUTTLE (>>) to play the cassette forwards

2 Each time you press a SHUTTLE button, the speed is changed as shown in the following illustration.

REVERSE PLAY X9	REVERSE PLAY X5	REVERSE PLAY X3	STILL	SLOW MOTION X1/10	SLOW MOTION X1/5	PLAY	PLAY X3	PLAY X5	PLAY X9

Each time you record a cassette on this DVD-VCR, an "index" is automatically marked on the tape when recording starts.
The Search function allows you to fast-forward or rewind to a specific index and start playback from that point. Depending on the direction selected, the indexes are numbered as follows:

	Prev Seq.	Seq. being played	Next Seq.	
etc.		↓		etc.
	2	1	1	2

➤ This DVD-VCR uses a standard indexing system (VISS). As a result, it will recognize any indexes marked by other VCRs using the same system and vice versa.

INTRO SCAN

1 To search for a specific index, press INDEX.

2 Press the ◀◀ or ▶▶ buttons depending on the direction where your desired programme is located.

3 When an Index mark is found the DVD-VCR will playback the tape for 5 seconds, after which it will continue searching for the next Index mark.

4 If you want to watch the tape from a particular Index, simply press ►II.

Index Skip Search:
This feature will enable you to fast forward/rewind to a specific point on a tape: E.g. if you have recorded 3 different programmes on a tape and you have rewound the tape to the beginning, by using this feature you can go directly to the start of programme 2 simply by pressing the INDEX button.

1 Press the INDEX to start the Index search.

2 Press the ◀◀ or ▶▶ buttons twice more. This will take you directly to the start of the desired programme is located.

3 These Index searches can be made forwards: (press ▶▶) or backwards: (press ◀◀).

4 To cancel an Index search simply press the ►II or ■ button.

INDEX : ◀◀ ▶▶

INDEX SEARCH : ◀◀ - 6
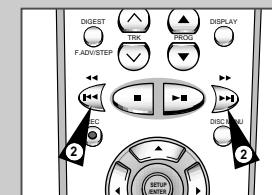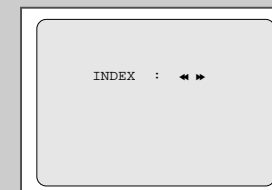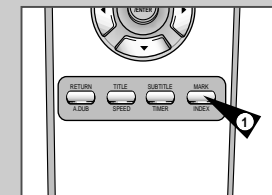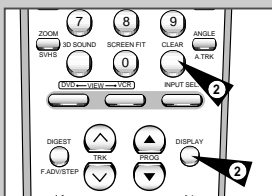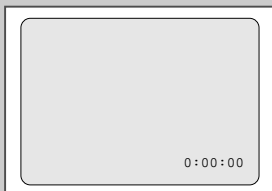
The tape counter:

◆ *Indicates the elapsed time in the play and record modes (hours, minutes and seconds)*
◆ *Is reset when a cassette is inserted in the DVD-VCR*
◆ *Allows you to find the beginning of a sequence easily*

☞ If the remaining time is to be calculated correctly, you must indicate the type of cassette being used.

1 Insert a cassette in your DVD-VCR.

2 To set the tape counter to zero at the beginning of a sequence:
◆ Press DISPLAY twice to display the counter
◆ Press CLEAR when you want to set the tape counter to zero

3 When you are ready,
◆ Start playback or Recording.
◆ Press the ■ button.
◆ To fast-froward or rewind to the sequence at which the counter was set to zero, press ◀◀ or ▶▶.

➢ Some DVD-VCR information, such as the counter, can be displayed on the television screen (unless you have deactivated the OSD mode; refer to page 29).

Press DISPLAY:

◆ Once to display the current function, programme number, recording speed, date, time and counter
◆ Twice to display the counter only
◆ Three times to display the time remaining on the cassette
◆ Four times to clear the display

You can connect other audio/video equipment to your DVD-VCR using audio/video cables if the appropriate outputs are available on the equipment chosen.

Examples: ◆ *You wish to copy a video cassette with the help of a second VCR (see page 42).*
◆ *You wish to play back and/or copy pictures taken with a camcorder (see page 42).*

☞ ◆ Make sure that both the television and the DVD-VCR are switched <u>off</u> before connecting the cables.

1 Connect one end of the RCA audio/video cable into the VIDEO INPUT socket on the front of the DVD-VCR.

2 Plug the other end of the audio/video cable into the appropriate output connector on the other system (VCR or camcorder).

3 Connect one end of the RCA audio cable supplied into the AUDIO INPUT sockets on the front of the DVD-VCR.

➢ Take care to respect the colour coding of the left and right channels.

4 Plug the other end of the audio cable into the appropriate output connectors on the other system (VCR, camcorder or Hi-Fi sound system).
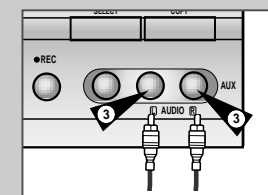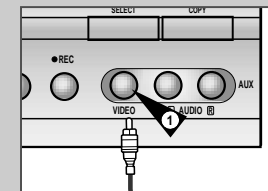
Using the Assemble Edit Function

This function allows you to start a new recording at a specific position on the cassette while maintaining a very smooth scene change.
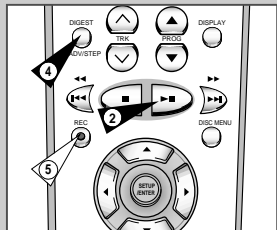
1   Insert the cassette to be edited in your DVD-VCR.

2   Press the ►II button to start playback.

3   When you reach the position from which you wish to start the new recording, press the ►II button.

4   Press the F.ADV/STEP (○ F.ADV/STEP) button again as often as necessary to advance frame by frame, until the exact recording position is located.

5   While the DVD-VCR is in still mode, hold the REC button (●) down for a while to activate the Assemble Edit function.
    Result: Record symbol flashes in the display.

6   Select the source from which you wish to record by pressing:
    ◆   The PROG (▲ or ▼) buttons for television channels
    ◆   The INPUT SEL. button for the AV1, AV2 or AUX input sources

7   Press the ►II button to start recording.

8   When you have finished recording, press ■ .

Recording from Another VCR or Camcorder

You can copy a cassette to your SV-DVD3E from another video source, such as another VCR or a camcorder.

☞   It is an infringement of copyright laws to copy prerecorded cassettes or to re-record them in any form without the permission of the owners of the corresponding copyright.
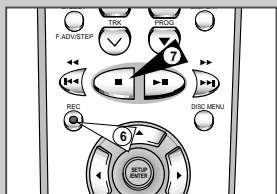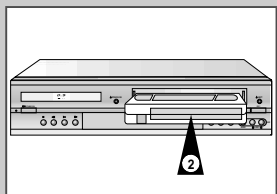
1   Connect the DVD-VCR, from which the cassette is to be copied, to the appropriate SCART audio and video input connectors on the rear of your DVD-VCR, as indicated on page 11.

2   Insert a blank cassette in your DVD-VCR.

3   Insert the pre-recorded cassette in the other video source (VCR or camcorder).

4   Press the INPUT SEL. button to select the appropriate input on your DVD-VCR:
    ◆   AV1, AV2 for the SCART input
    ◆   AUX for the RCA input

5   Start playing back the cassette to be copied.

6   Hold REC (●) down for a while to start recording on your DVD-VCR.

7   When you have finished recording, press ■ on both VCR and DVD-VCR.

➢   If you wish to view the cassette being copied:
    ◆   Your SV-DVD3E must be connected as usual to the television (see page 11 for further details)

With the Audio Dubbing function, you erase the previously recorded sound and replace it with a new soundtrack from:

    ◆   *A CD, DVD*
    ◆   *A microphone connected to a sound system*
    ◆   *A cassette player*

Restriction:
Audio dubbing is applicable only to the longitudinal audio track (normal audio).

1   Connect an RCA audio cable to the appropriate output on your sound system (cassette player for example).

2   Connect the other end of the RCA audio cable to the audio input connectors (L, R) on the front of your DVD-VCR.

3   Insert the pre-recorded cassette on which the audio track is to be replaced, and press the ►II to start playback.

4   Search for the Audio Dubbing (ending) point using the ►►, and set the counter to 0:00:00 by pressing CLOCK/COUNTER and CLEAR.

5   Search back slightly beyond the Audio Dub start point using the ◄◄ button.

6   Press the ►II button.
    Press the ►II button one more time to make STILL mode.

7   Press A.DUB.
    Result: Your VCR is now in the Audio dubbing Pause mode.

8   Press the INPUT SEL. or DVD button to select Audio dubbing source. ex) If you want to dub external cassette player, then select AUX.

9   On the sound system, locate the point on the cassette at which you wish to start playback.
    Example: The track that you wish to record on the cassette.

10 When you are ready:
    ◆   Start playback on the sound system
    ◆   Press the REC on the remote control.
    Result: The soundtrack is replaced on the pre-recorded cassette.

11 The audio dubbing will finish when the counter reaches 0:00:00.

➢   The new sound will be recorded on the normal sound track of the tape, and the original sound will remain on the Hi-Fi sound track.
    To hear the new sound and original sound mixed together, press the Audio button on the remote control until the MIX option is displayed (see page 37).

A.DUB
-0:05:23

GB

GB
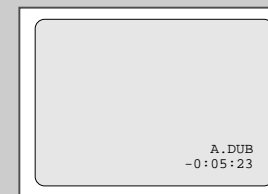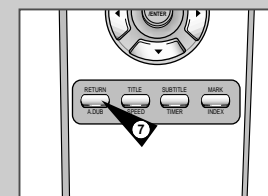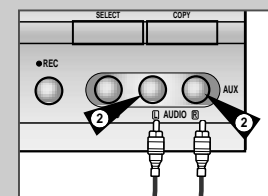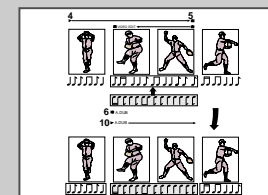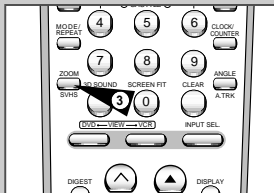
This function is for playback of Super VHS format tapes only, not for recording.

1 Inset the SVHS format tape that you want to see.

2 Press PLAY (▶II) to start playing the cassette.

3 Press SVHS ( ) button to start SQPB.

☞ If the SQPB is on during normal playback, the video output is distorted.

The following show examples of connections commonly used to connect the DVD -VCR player with a TV and other components. It is only available for DVD. The VCR out can not watch by this connection.

(**Connection to an Audio System**)   (**Connection to an Television**)
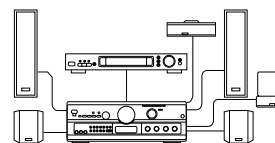
**Dolby Digital Decoder
Digital Audio Input Jack**

Television

OPTICAL   COAXIAL

or

DIGITAL AUDIO OUT
OPTICAL   COAXIAL

S-VIDEO OUT

DVD-VCR

**Digital Audio out
Jack**

**S-Video
Jack**

MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

DVD SETUP

RETURN ▲▼ ◀▶ ENTER

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

DISC MENU LANGUAGE

▶ English
Français
Deutsch
Español
Italiano
Nederlands
Others

RETURN ▲▼ ENTER

Follow these steps to choose your preferred language for DVD disc menus. The DVD-VCR will automatically default to the language you choose if it is available on a given DVD.

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Select "Disc Menu"
Move the selection bar to "Disc Menu," then push ENTER to select.

4 Set "Disc Menu Language" Preference
Move the selection bar to your preferred language for DVD disc menus, then push ENTER to select.
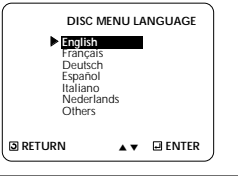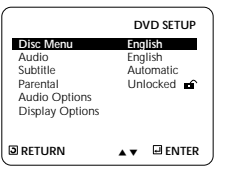
DVD | **Audio Language**

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

AUDIO LANGUAGE

▶ English
Français
Deutsch
Español
Italiano
Nederlands
Original
Others

RETURN ▲▼ ENTER
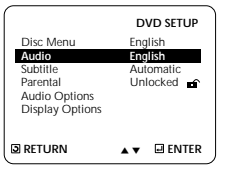
Follow these steps to choose your preferred language for DVD audio soundtracks. The DVD-VCR will automatically default to the language you choose if it is available on a given DVD.

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Select "Audio"
Move the selection bar to "Audio," then push ENTER to select.

4 Set "Audio Language" Preference
Move the selection bar to your preferred language for DVD audio soundtracks, then push ENTER to select.
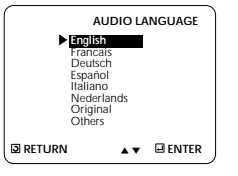
Follow these steps to choose your preferred language for DVD subtitles. The DVD-VCR will automatically default to the language you choose if it is available on a given DVD.

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Select "Subtitle"
Move the selection bar to "Subtitle," then push ENTER to select.

4 Set "Subtitle Language" Preference
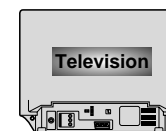Move the selection bar to your preferred language for DVD subtitles, then push ENTER to select.

MAIN MENU

DVD VCR Option Language

Install Exit

DVD SETUP

RETURN ▲▼ ◀▶ ENTER

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

SUBTITLE LANGUAGE

▶ Automatic
English
Français
Deutsch
Español
Italiano
Nederlands
Others

RETURN ▲▼ ENTER

```
                      MAIN MENU

        DVD    VCR   Option  Language

       Program  Clock  Install  Exit
    DVD SETUP
    ▣ RETURN     ▲▼ ◀ ▶ ▣ ENTER
```

```
                      DVD SETUP
    Disc Menu          English
    Audio              English
    Subtitle           Automatic
    Parental           Unlocked 🔒
    Audio Options
    Display Options

    ▣ RETURN        ▲▼  ▣ ENTER
```

```
              PARENTAL CONTROL


    Use Password  ◀▶  No 🔒



    ▣ RETURN        ▲▼  ▣ ENTER
```

```
              CREATE PASSWORD


    Enter Password
        – – – –



    ▣ RETURN           PRESS 0-9
```

```
              PARENTAL CONTROL


    Use Password  ◀▶  Yes 🔒
    Rating Level        1
    Change Password


    ▣ RETURN        ▲▼  ▣ ENTER
```

```
                    RATING LEVEL
       Level 8 Adult
       Level 7
       Level 6
       Level 5
       Level 4
       Level 3
       Level 2
       Level 1 Kids Safe
    ▣ RETURN        ▲▼  ▣ ENTER
```

Rating Control is a password protected system that allows you to block playback of DVDs based on their content. The system uses an eight level rating system.
* *If you try to play a DVD that exceeds the selected rating, an error message will appear.*
* *Not all discs are rated.*

1   Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2   Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3   Select "Parental"
Move the selection bar to "Parental," then push ENTER to select.

4   Select "Use Password"
Move the selection arrow to "Use Password," then press ◀ or ▶ button to select from the following options:

* No - Indicates that no password is required to view any DVD disc or to change Rating Control options. No additional Rating Control settings are necessary.
* Yes – Indicates that a password is required to view some DVD discs and to view Rating Control options. The menu will change as shown.
NOTES:
* The first time "Require Password" is set to "Yes," you will be prompted to enter a new password.
* If the "Enter Password" screen appears, then "Require Password" has already been set to "Yes." Please skip to Step 5.
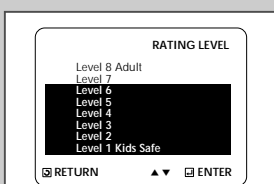
5   Enter Password
Enter a 4-digit password using the 0–9 buttons on the remote control.
* Write your password down, and keep it in a safe place in case you need it to change your settings later.

6   Select "Rating Level"
Move the selection bar to "Rating Level," then press ENTER to select.

7   Change Rating Level
Use the up/down to select one of the following ratings:

* Level 8 Adult   • Level 4
* Level 7   • Level 3
* Level 6   • Level 2
* Level 5   • Level 1 Kids Safe

All ratings above the level you select will also be blocked, e.g., if you block Level 6, then Levels 7 and 8 will also be blocked.
Press ENTER to confirm your selection.
* If you forgot your password, press power on from a cold start with no disc in the unit. Press the REW and F.F buttons simultaneously on the front panel for 5 seconds. The "reset ok" message will appear. Press the STANDBY/ON button.
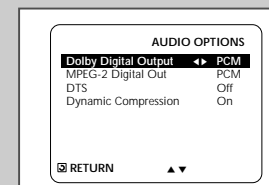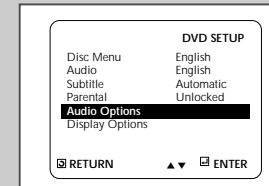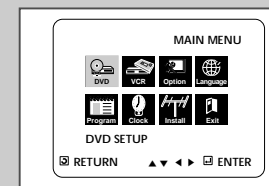
If your A/V receiver is equipped with a Dolby Digital decoder, your DVD-VCR can output Dolby Digital 5.1 sound, but you MUST enable this feature in the menu system to prevent damage to your speakers.

NOTE: Select "Bitstream" ONLY if you have connected a Dolby Digital-equipped A/V receiver to the Digital Output (optical or coaxial) on the DVD-VCR back panel.

1   Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2   Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3   Select "Audio Options"
Move the selection bar to "Audio Options," then press ENTER to select.

4   Set "Dolby Digital Output"
Move the selection bar to "Digital Output" then press the right button to select from the following options:

* PCM - To use your DVD/TV with an A/V receiver NOT equipped with a Dolby Digital decoder.

* Bitstream – To use your DVD/TV with an A/V receiver equipped with a Dolby Digital decoder.

```
                      MAIN MENU

        DVD    VCR   Option  Language

       Program  Clock  Install  Exit
    DVD SETUP
    ▣ RETURN     ▲▼ ◀ ▶ ▣ ENTER
```

```
                      DVD SETUP
    Disc Menu          English
    Audio              English
    Subtitle           Automatic
    Parental           Unlocked
    Audio Options
    Display Options

    ▣ RETURN        ▲▼  ▣ ENTER
```

```
                   AUDIO OPTIONS
    Dolby Digital Output  ◀▶  PCM
    MPEG-2 Digital Out        PCM
    DTS                       Off
    Dynamic Compression       On



    ▣ RETURN        ▲▼
```

MAIN MENU

DVD · VCR · Option · Language
Program · Clock · Install · Exit

DVD SETUP

RETURN · ▲▼ ◀ ▶ · ENTER

DVD SETUP

Disc Menu · English
Audio · English
Subtitle · Automatic
Parental · Unlocked
Audio Options
Display Options

RETURN · ▲▼ · ENTER

AUDIO OPTIONS

Dolby Digital Output · PCM
MPEG-2 Digital Out ◀▶ PCM
DTS · Off
Dynamic Compression · On

RETURN · ▲▼

If your A/V receiver is equipped with a Dolby Digital decoder, your DVD-VCR can output Dolby Digital 5.1 sound, but you MUST enable this feature in the menu system to prevent damage to your speakers.

1 **Open "MAIN MENU"**

With the DVD in stop mode, press the SETUP button.

2 **Select "DVD"**

Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 **Select "Audio Options"**

Move the selection bar to "Audio Options," then press ENTER to select.

4 **Set "MPEG-2 Digital Out"**

Move the selection bar to "MPEG-2 Digital Out" then press the right button to select from the following options:

- PCM - To use your DVD/TV with an A/V receiver NOT equipped with a Dolby Digital decoder.

- Bitstream – To use your DVD/TV with an A/V receiver equipped with a Dolby Digital decoder.

DVD | **DTS**

MAIN MENU

DVD · VCR · Option · Language
Program · Clock · Install · Exit

DVD SETUP

RETURN · ▲▼ ◀ ▶ · ENTER

DVD SETUP

Disc Menu · English
Audio · English
Subtitle · Automatic
Parental · Unlocked
Audio Options
Display Options

RETURN · ▲▼ · ENTER

AUDIO OPTIONS

Dolby Digital Output · PCM
MPEG-2 Digital Out · PCM
DTS ◀▶ Off — Off / On
Dynamic Compression · On

RETURN · ▲▼

If your A/V receiver is equipped with a DTS decoder, your DVD-VCR can output DTS digital sound, but you MUST enable this feature in the menu system.

NOTE: Select "Yes" ONLY if you have connected a DTS-equipped A/V receiver to the DIGITAL AUDIO OUT (optical or coaxial) on the DVD-VCR back panel.

1 **Open "MAIN MENU"**

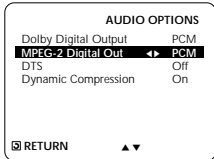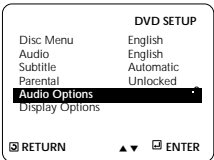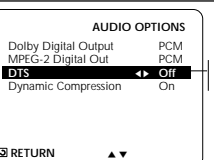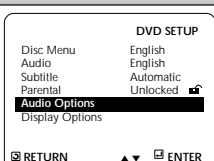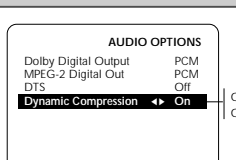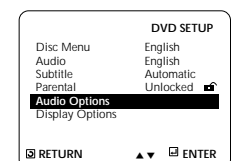With the DVD in stop mode, press the SETUP button.

2 **Select "DVD"**

Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 **Select "Audio Options"**

Move the selection bar to "Audio Options," then push ENTER to select.

4 **Set "DTS"**

Move the selection bar to "DTS," then push ◀ or ▶ to select from the following options:

- Off - To use your DVD/TV with an A/V receiver NOT equipped with a DTS decoder.

- On – To use your DVD/TV with an A/V receiver equipped with a DTS decoder.

Dynamic Compression constrains the dynamic range, i.e. the difference between the quietest and loudest passages of a DVD soundtrack. This enables you to limit loud noises, such as explosions, or raise the volume of quiet passages, such as whispering, while watching a movie. This is convenient for viewing movies late at night.

1 **Open "MAIN MENU"**

With the DVD in stop mode, press the SETUP button.

2 **Select "DVD"**

Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 **Select "Audio Options"**

Move the selection bar to "Audio Options," then push ENTER to select.

4 **Set "Dynamic Compression"**

Move the selection bar to "Dynamic Compression," then push right to select from the following options:

- On - The total dynamic range of the DVD soundtrack will be compressed, so quiet passages will be louder and loud passages will be softer.

- Off – The original dynamic range will be preserved.

MAIN MENU

DVD · VCR · Option · Language
Program · Clock · Install · Exit

DVD SETUP

RETURN · ▲▼ ◀ ▶ · ENTER

DVD SETUP

Disc Menu · English
Audio · English
Subtitle · Automatic
Parental · Unlocked
Audio Options
Display Options

RETURN · ▲▼ · ENTER

AUDIO OPTIONS

Dolby Digital Output · PCM
MPEG-2 Digital Out · PCM
DTS · Off
Dynamic Compression ◀▶ On — On / Off

RETURN · ▲▼

DVD | TV Aspect Ratio

MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

DVD SETUP

RETURN ▲▼ ◄ ► ENTER

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

DISPLAY OPTION

TV Aspect Wide
Black Level High
Quasi-PAL On
DVD Out Video

RETURN ▲▼ ENTER

TV ASPECT

4:3 Letter Box

4:3 Pan-Scan

► 16:9 Wide

RETURN ▲▼ ENTER

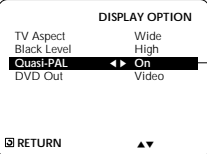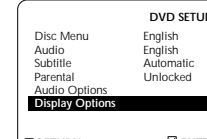*Set the aspect ratio (length x width) of your TV screen so the DVD player will display movies at the appropriate size for your television. Choose from standard, letterbox, or widescreen format.*

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Set "Display Options"
Move the selection bar to "Display Options", then push ENTER to select.

4 Set "TV Aspect"
Move the selection arrow to "TV Aspect," then push ENTER to select from the following options:

- 4:3 Letterbox – This method displays the full width of the widescreen movie on a standard 4:3 television. As a result, black bars will appear at the top and bottom of the screen.
- 4:3 Pan-Scan – The familiar way of watching DVD and VHS movies, this method selectively crops (by panning and scanning to keep the most important part of the picture visible) wide screen movies to fit a standard 4:3 television screen.
- 16:9 Widescreen – This method allows you to view the full 16:9 picture on a widescreen television.

DVD | Black Level

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

DISPLAY OPTION

TV Aspect Wide
Black Level ◄ ► High
Quasi-PAL On
DVD Out Video

High
Low

RETURN ▲▼

---

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Set "Display Options"
Move the selection bar to "Display Options", then push ENTER to select.

4 Set "Black Level"
Move the selection bar to "Quasi-PAL," then push ◄ or ► to select from the following options:
Adjusts the brightness of the screen.

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Quasi-PAL | DVD

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Set "Display Options"
Move the selection bar to "Display Options", then push ENTER to select.

4 Set "Quasi-PAL"
Move the selection bar to "Quasi-PAL," then push ◄ or ► to select from the following options:
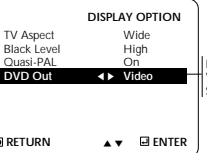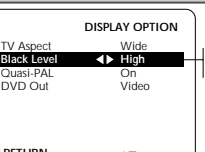Depending on a disc, you can play a NTSC DVD disc by Quasi-PAL mode.

MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

DVD SETUP

RETURN ▲▼ ◄ ► ENTER

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

DISPLAY OPTION

TV Aspect Wide
Black Level High
Quasi-PAL ◄ ► On
DVD Out Video

On
Off

RETURN ▲▼

DVD Out | DVD

1 Open "MAIN MENU"
With the DVD in stop mode, press the SETUP button.

2 Select "DVD"
Using the up/down and left/right buttons, move the selection cursor to "DVD SETUP," then push ENTER to select.

3 Set "Display Options"
Move the selection bar to "Display Options", then push ENTER to select.

4 Select "DVD Out"
Move the selection bar to "DVD Out," then push right to select from the following options:

- RGB – Sends RGB signal to the AV JACK (SCART terminal).
- Video – Sends COMPOSITE VIDEO signal to the AV JACK (SCART terminal).
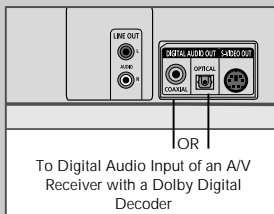- S-Video – Sends S-VIDEO signal to the S-JACK.

MAIN MENU

DVD VCR Option Language

Program Clock Install Exit

DVD Setup

RETURN ▲▼ ◄ ► ENTER

DVD SETUP

Disc Menu English
Audio English
Subtitle Automatic
Parental Unlocked
Audio Options
Display Options

RETURN ▲▼ ENTER

DISPLAY OPTION

TV Aspect Wide
Black Level High
Quasi-PAL On
DVD Out ◄ ► Video

RGB
Video
S-Video

RETURN ▲▼ ENTER

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To take full advantage of the movie theater experience that DVD offers, you may want to connect your DVD-VCR to a complete Surround Sound system, including an A/V Receiver and six Surround Sound speakers.

Before You Begin...

• If your A/V receiver is equipped with a Dolby Digital Decoder, you have the option to bypass the DVD-VCR's built-in Dolby Digital Decoder. Use the DIGITAL AUDIO OUT connection below.

OR

To Digital Audio Input of an A/V Receiver with a Dolby Digital Decoder

1   Digital Audio Out
Connect EITHER an optical cable OR a digital coaxial cable from the DIGITAL AUDIO OUT jacks on the back panel of the DVD-VCR to their corresponding Digital Audio Input jacks on your A/V Receiver:

• Optical
• Coaxial
• Use whichever connection is available on your A/V Receiver.

During DVD/CD playback you can select from the following special playback options. To resume normal playback, press the ▶ll (Play/Still) button.

1   Still
Press the ▶ll (Play/Still) button on the remote control during playback.

• The picture will still and the audio will mute.
• To resume playback, press the ▶ll (Play/Still) button.
• If the player is left in Still mode for 5 minutes, it will stop automatically.

2   Frame Advance (Step)
While in Still mode, press the F.ADV/STEP button on the remote control to advance one frame at a time.

• Audio is muted during Frame Advance mode.
• Press ▶ll (Play/Still) to resume normal playback.
NOTE: Frame Advance operates only in the forward direction.

3   Skip Forward/Back
While a CD or DVD disc is in Play mode, press the Skip Forward/Back (▶▶l / l◀◀) buttons on the remote control or front panel to jump forward and backward through disc chapters/tracks.

• Skip Forward will jump to the next chapter/track.
• Skip Back will jump to the beginning of the current chapter/track.
• Press Skip Back again to jump to the beginning of the previous chapter/track.

Search Forward/Back
While a disc is in Play mode, press and hold the Forward/Back (▶▶ / ◀◀) buttons on the remote control or front panel to visually search forward/backward at 2X - 4X - 8X - 16X - 32X - 128X speed. Press ▶ll (Play/Still) button to resume normal speed.

4   Slow Motion
During playback, press the ▶ll (Play/Still) button to Still the image. Then use the Search Forward (▶▶) to play in slow motion at variable speeds.

• Each press increases the slow motion speed playback to 1/8, 1/4 or 1/2 normal speed.
• Audio is muted during slow motion playback.
• Front Panel Slow Motion Buttons - Press and hold the Forward buttons on the front panel to activate slow motion playback. Press the ▶ll (Play/Still) button to resume normal playback.
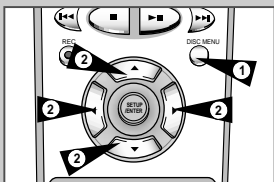
5   Stop/Resume
• Press the Stop button once to stop playback. To resume the DVD/CD from the point where the disc stopped, press the ▶ll (Play/Still) button.
• Press the ■ (Stop) button twice to completely stop playback. The next time you press ▶ll (Play/Still), the disc will start over from the beginning.
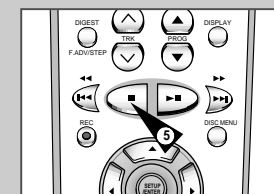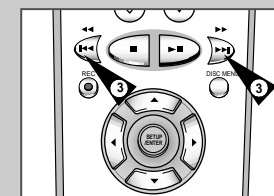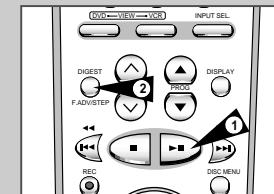
Many DVDs feature their own menu systems, where you can select Titles, Chapters, Audio Tracks, Subtitles, and special disc features, such as movie trailers, and information on the cast. Use these buttons to make selections in the Disc menus.

1   DISC MENU Button
Press to access the DVD's Disc menu, if applicable.

2   Press ▲, ▼ or ◄, ► to navigate through DVD's Disc menu options.
• Push up, down, left and right to highlight menu choices.

3   ENTER Button
Press to make your selections in the Disc menu.

4   TITLE Button
Press to access the DVD's Title menu, if applicable.
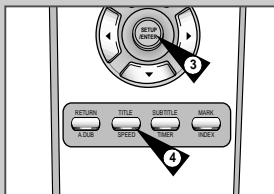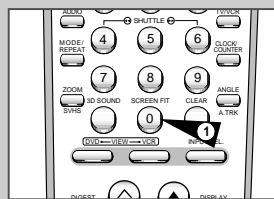
1   SCREEN FIT Button
During play, press SCREEN FIT button on the remote control.
• Allows you to eliminate the black bars in the top and bottom of the screen when a movie is playing in the Widescreen format (16:9).
• Screen Fit will not work when the Zoom mode is active.

➢   ◆ Various aspect ratios are available only in multiple screen format discs.
◆ This function does not work when a DVD has been recorded in a multi-camera angle format.
◆ On some DVDs, the black bars cannot be eliminated due to their aspect ratio.
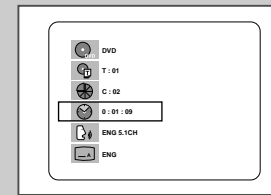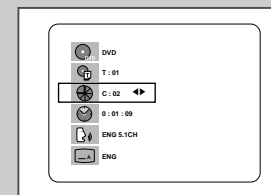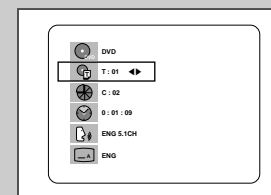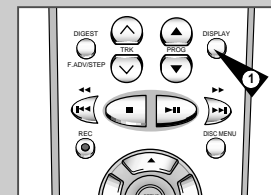◆ Screen Fit will not work when the NTSC disc is played.
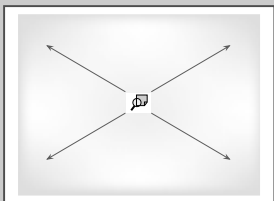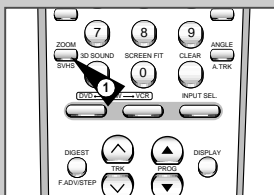
If you press the DISPLAY button during DVD playback, you can view the current Title, Chapter/Track, and counter position. You can also use this screen as shortcut to select any Title, Chapter/Track, or counter position on the disc.

1   View DVD/CD Display
Press the DISPLAY button on the remote control during DVD/CD playback.

2   Select Title
Push the up/down and left/right buttons to select Title, then push ENTER to change among all available titles on the disc.

• The "TITLE" icon will light on the Front Panel Display, followed by the current title number, hours, minutes, and seconds.

3   Select Chapter or Track
Push the up/down and left/right buttons to select Chapter or Track, then push ENTER to change among all available Chapters/Tracks on the disc.

• The "CHAP" icon will light on the Front Panel Display, followed by the current title number, hours, minutes, and seconds.

4   Select Counter Position
Push the up/down and left/right buttons to select the counter position indicator, then use the number buttons (0-9) to enter the desired counter position in the format HH:MM:SS (H = Hours, M = Minutes, S = Seconds).
Then push ENTER to enter the desired counter position.

DVD
T : 01 ◄►
C : 02
0 : 01 : 09
ENG 5.1CH
ENG

DVD
T : 01
C : 02 ◄►
0 : 01 : 09
ENG 5.1CH
ENG

DVD
T : 01
C : 02
0 : 01 : 09
ENG 5.1CH
ENG

DVD	Zoom

You can zoom in at 2 or 4 times the normal magnification while watching a DVD.

1   Open Zoom Magnifying Glass
During Playback or STILL mode, press the ZOOM button to display the "Magnifying Glass icon" on the screen.

2   Position Magnifying Glass
Use the ▲, ▼, ◀, ▶ buttons to move the magnifying glass to any position on the screen you want to zoom.

3   Zoom In
Press the ENTER button repeatedly to zoom in at 2X - 4X - 2X - and normal magnification.

DVD	Angle

Some DVDs allow you to view the same scene from different perspectives, or angles, while watching a movie. Press the ANGLE button to activate this feature.
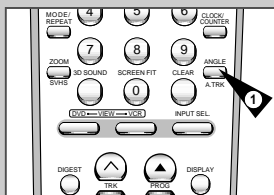
1   Check for Angle Marker
If multiple Angles are available on the DVD, the Angle mark will appear on the screen during playback.

2   View Angle Options
If the Angle mark is present, press the ANGLE button to view the Angle Selection menu.

3   Select Screen Angle
Push the up/down buttons to select one of the available screen angles.

4/6 ▲▼

Subtitle	DVD

Many DVDs provide subtitles in one or more languages. The SUBTITLE button provides a shortcut to view and select these options.

1   Open Subtitle Menu
During playback, press the SUBTITLE button.

2   Set Subtitle Language
Push the up/down buttons to select among all available subtitle languages.

• Subtitle languages are often represented by abbreviations.

3   Activate Subtitles
Push the left/right buttons to turn subtitles On or Off.

• The default subtitle setting is Off.
• Press the ENTER button to confirm your selection.

ENG ▲▼ Off ◀▶

ENG ▲▼ On ◀▶

Digest Playback	DVD
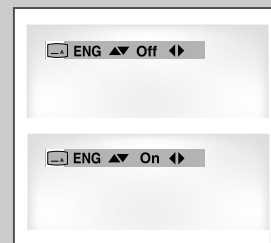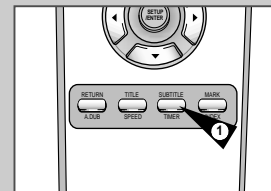
1   DIGEST Button
During playback, press the DIGEST button.
• You'll see the 9 individual windows representing each of the chapters on the TV screen.
• When each window is displayed, the first 3 seconds of the chapter will be played.

2   Set DIGEST
Push the up/down buttons and left/right buttons or NUMBER button to select the window you'd like to see, and press ENTER.

• Up to 9 windows(chapters) can be displayed on the screen at a time. Press ▶▶ for the next 9 chapters if the movie has more than 9.

➢   ◆ You can start playback of the DVD player from the desired chapter.

◆ 'DIGEST' may not operate depending on the disc in use.

◆ 'DIGEST' may not operate during NTSC disc playback.

DIGEST		
01	02	03
04	05	06
07	08	09

Skip button

DIGEST		
10	11	12
13	14	
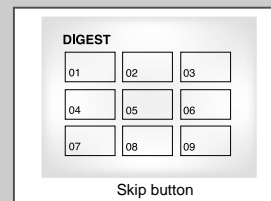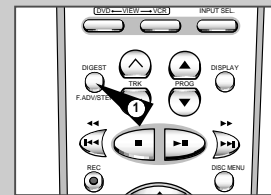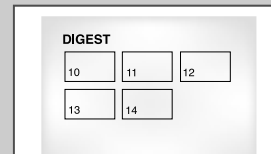
The A-B Repeat function allows you to repeat any segment of a DVD or CD. Simply mark the beginning point (A) and the ending point (B) of the segment you want to review.
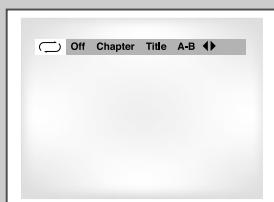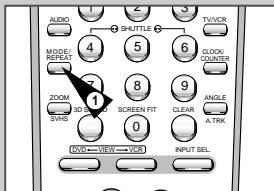
1   Select A-B Repeat Function
In Play mode, press the REPEAT button, then push left/right to select A-B Repeat.

•   "A-" will highlight when A-B Repeat is selected.

NOTE: If you are playing a CD, the menu will display "Track" in place of "Chapter"

2   Mark the Starting Point
Press the ENTER button at the beginning of the segment you want to repeat (Point A).

•   "B" will highlight after Point A is selected.
NOTE: The minimum AB Repeat time is 5 seconds.

3   Mark the Ending Point
Press the ENTER button again at the end of the segment you want to repeat (Point B).

•   The segment will begin repeating in a continuous loop.

4   Cancel A-B Repeat
Press the REPEAT button to open the Repeat Menu, push left/right to highlight "Off," then press the ENTER button.

Off   Chapter   Title   A-B ◀▶

You can repeat a single chapter, or repeat a complete title.

1   Open Repeat Menu
In Play mode, press the REPEAT button to open the Repeat menu.

•   The current Repeat Mode will highlighted.

2   Select "Chapter"
Push the left/right buttons to select "Chapter".

•   "Chapter" will highlight when Chapter Repeat is selected.

3   Repeat Chapter
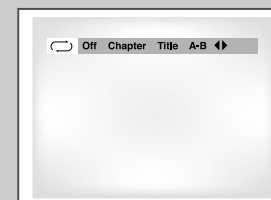Press the ENTER button to repeat the current chapter/track.

4   Select "Title"
Push the left/right buttons to select "Title".

•   "Title" will highlight when Title Repeat is selected.

5   Repeat Title
Press the ENTER button to repeat the title.

Off   Chapter   Title   A-B ◀▶

Audio   **DVD**
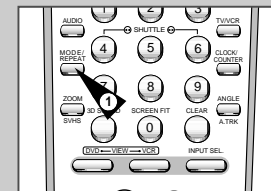
Many DVDs provide multiple language and audio setup options, such as Dolby Digital 5.1, Dolby Pro Logic, or LPCM 2 Channel audio. The AUDIO button provides a shortcut to view and select among all available options for a given disc.

1   Open the Audio Menu
During playback, press the AUDIO button on the remote control.

2   Select DVD Audio Track
Push the up/down buttons to select the desired language/audio setup on the DVD.

•   Languages are represented by abbreviations; i.e. "ESP" for "español."

ENG   DOLBY   DIGITAL   5.1CH ▲▼

Stereo   ▲▼

You can insert up to three Bookmarks on your DVDs, so you can jump quickly to your favorite scene or song.

1 Open Bookmark Menu
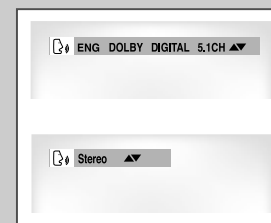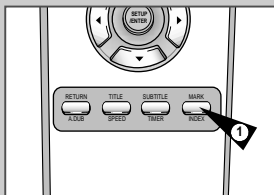During playback, press the MARK button on the remote control. The "Mark" header will appear on the screen.

2 Select Bookmark Placeholder
Push the left/right buttons to move to one of the three bookmark placeholders (- - -).

• The selected placeholder will highlight.

3 Set the Bookmark
Play the DVD to the scene you want to bookmark, then press the ENTER button. The placeholder will change to a number (1, 2 or 3).

• You can continue setting up to three bookmarks.
• When finished, press the MARK button to exit.
• Depending on the disc, the bookmark function may not work.

4 Play Bookmark
• During playback, press the MARK button on the remote control.
• Push the left/right buttons to move to a previously set bookmark.
• Press the Play/Still button to play the bookmark.
• Press the CLEAR button to cancel the bookmark.
• Press the MARK button again to exit the Bookmark menu.

- - - ◀▶ ⏎ ENTER

1 - - ◀▶ ▶ PLAY ✕ CLEAR

Programmed Playback lets you set a custom order for playback of chapters/tracks on a DVD or CD.

1 Open Playback Mode Menu
While in Stop mode, press the MODE button.

2 Select "PROGRAM"
Using the left/right buttons, move the selection bar to "PROGRAM" then push ENTER to select.

3 Select Chapter/Track
Push the up/down and left/right buttons to select the first chapter/track in your revised playback list, then press the ENTER button.
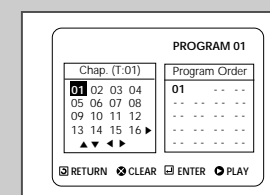
4 Program Playback Order
Use the up/down and left/right buttons to select the remaining chapters/tracks, pressing Enter after each.

• Press the CLEAR button to change selections.

5 Play Revised Order
Press the ▶II (Play/Still) button. The disc will play back in the custom programmed order.

• While in STOP mode, press the POWER button on the remote control to cancel Programmed Play.

PROGRAM 01

Chap. (T:01)	Program Order
01 02 03 04	- - - - - -
05 06 07 08	- - - - - -
09 10 11 12	- - - - - -
13 14 15 16 ▶	- - - - - -
▲▼ ◀▶	

⊡ RETURN ⊗ CLEAR ⊡ ENTER ⦿ PLAY

PROGRAM 01

Chap. (T:01)	Program Order
01 02 03 04	**01** - - - -
05 06 07 08	- - - - - -
09 10 11 12	- - - - - -
13 14 15 16 ▶	- - - - - -
▲▼ ◀▶	

⊡ RETURN ⊗ CLEAR ⊡ ENTER ⦿ PLAY
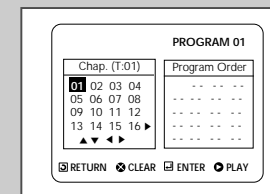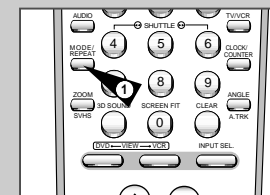
DVD	Random Playback

DVD Random Playback lets the DVD-VCR set a random order for playback of chapters/tracks on a DVD or CD.
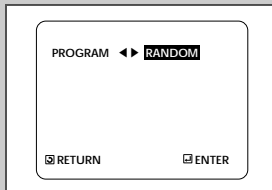
1 Open Playback Mode Menu
In Stop mode, press the MODE button.

```
PROGRAM ◄ ► RANDOM



⊠ RETURN              ⊟ ENTER
```

2 Select "RANDOM"
Using the left/right buttons, move the selection arrow to "Random Play," then push Enter to select.

- The disc will playback automatically in random order.

3 Cancel Random Play
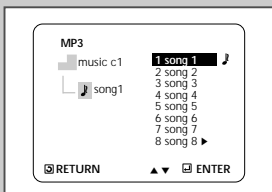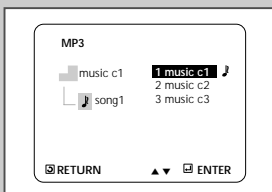Press the CLEAR button on the remote control to cancel Random Play.

DVD	MP3 Playback

MP3 is a popular music format which allows you to compress music files up to 1/12 of their original size while retaining near CD quality sound. Your DVD-VCR can playback MP3 files burned onto a CD-R disc.

```
MP3
   music c1      1 music c1  ♪
                 2 music c2
   ♪ song1       3 music c3


⊠ RETURN         ▲ ▼  ⊟ ENTER
```

```
MP3
   music c1      1 song 1  ♪
                 2 song 2
   ♪ song1       3 song 3
                 4 song 4
                 5 song 5
                 6 song 6
                 7 song 7
                 8 song 8 ►
⊠ RETURN         ▲ ▼  ⊟ ENTER
```

1 Insert Disc
Insert a CD-R with MP3 files into the DVD deck.

- The MP3 main menu will appear after a few seconds and the first song on the disc will begin playing.

2 Select Folder
Push the up/down buttons to select the folder on the CD-R which contains the MP3 files you want to hear, then press Enter to select.

- If there are more than 8 folders on the disc, press RETURN to view additional folders.
- If there are no folders on the CD-R, skip to Step 3.

3 Select MP3 File
Push the up/down buttons to select the desired MP3 file.

- If there are more than 8 MP3 files in the selected folder, push the left/right buttons to view additional MP3 files.
- File names are truncated to eight characters: the first six characters of the song, plus an asterisk (*), then a number.
- Press the Return button to back up and select another folder.

4 Play MP3 File
Press the ENTER button on the remote control to play the selected song.

- While the song is playing, you can use the up/down buttons to browse through other folders.

5 Stop MP3 Selection
Press the ■ (Stop) button on the remote control to stop playback.

* To ensure proper playback of discs burned from MP3 files, make sure the files have been recorded at a bit rate of at least 128 kbps.
* If there are any gaps (blank data) on multi-session discs, you may experience playback problems.
* On discs that are recorded with a Variable Bit Rate(VBR), e.g. from 32 to 320 kbps, the sound may cut in and out.

3D Sound	DVD

3D Audio is an enhanced audio mode that creates the illusion of Surround Sound with only two speakers.

1 Open 3D Sound Menu
During playback of a DVD, press the 3D SOUND button on the remote control.

2 Set 3D Sound
Push the up/down buttons to set "3D Sound" On or Off, then push the 3D SOUND button to confirm your selection.

```
⊞ Off ▲▼
```
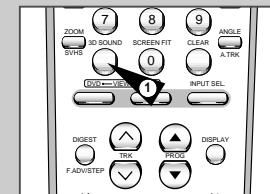
Technical Specifications

General	Rated voltage	220 - 240V, 50Hz
	Power consumption	25 Watts
	Weight	4.5 Kg
	Size	430mm X 330mm X 100mm
	Operating ambient temperature	+5°C ~ +35°C
	Installation conditions	Operation position : Horizontal,
		Relative humidity : Below 75%
Input	Video input (Rear)	Euro Scart socket : 1.0Vp-p (unbalanced) 75Ω
	Audio input (Rear)	Euro Scart socket : -8dBm, 47Kohm unbalanced
Output	RF out	UHF 21-69 (Initial CH60)
	Audio (DVD, VCR)	RCA jack, Euro Scart socket
	Audio (DVD only)	Digital audio out (OPTICAL, COAXIAL, RCA jack)
	Video (DVD, VCR)	RCA jack, Euro Scart socket
	Video (DVD only)	S-Video out
		RGB out : Euro Scart socket
VCR	Tape format	VHS type video tape,
		S-VHS type video tape (Playback only)
	Color system	PAL, NTSC4.43, NTSC playback on PAL TV
	Tuning system	I
	Video S/N	Above 43dB (standard recording)
	Resolution	Above 240 lines (standard recording)
	Audio S/N	Above 68dB (Hi-Fi), 39dB (Mono)
	Audio frequency characteristics	20Hz - 20KHz (Hi-Fi)
DVD	Disc	DVD, CD (12cm), CD (8cm), VIDEO-CD (12cm)
	Audio S/N	95dB
	Audio dynamic range	105dB

Problems and Solutions (VCR)

Before contacting the Samsung after-sales service, perform the following simple checks.

Problem	Explanation/Solution
No power	◆ Check that the power plug is connected to a wall outlet. ◆ Have you pressed the STANDBY/ON button?
You cannot insert a video cassette	◆ A video cassette can only be inserted with the window side up and the safety tab facing you.
The television programme was not recorded	◆ Check the DVD-VCR aerial connections. ◆ Is the DVD-VCR tuner properly set? ◆ Check if the safety tab is intact on the cassette.
Timer recording was unsuccessful	◆ Was the STANDBY/ON button pressed to activate the timer? ◆ Re-check the recording start/stop time settings. ◆ If there was a power failure or interruption during timer recording, the recording will have been cancelled.
No playback picture or the picture is distorted	◆ Check to see if you are using a prerecorded tape.
You cannot see normal broadcasts	◆ Check the TUNER/EXTERNAL setting. It should be on TUNER. ◆ Check the TV/VCR aerial connections.
Noise bars or streaks on playback	◆ Press the TRK (∧ or ∨) buttons to minimize this effect.
When the ▶II button is pressed during playback, the still picture has severe "noise bars" streaks	◆ A still picture may have "noise bars", depending on the condition of the tape. Press the TRK (∧ or ∨) buttons during SLOW motion to minimize this effect.
Video Head Cleaning	◆ If poor pictures appear on a variety of cassettes, the video heads may need cleaning. This is not a common problem and unless it appears, the heads should not be cleaned. When cleaning the video heads, read all instructions provided with the head cleaning cassette. Incorrect head cleaning can permanently damage the video heads.
If when tuning in your TV to the DVD-VCR TV does not find the Screen or the pattern when found suffers from interference, it may be due to the DVD-VCR output channel clashing with the normal TV transmissions in your area. To prevent this you will need to change the DVD-VCR output channel in the following way	**1.** Remove the aerial input plug from the socket marked (aerial symbol) on the rear of the DVD-VCR. **2.** Carry out the instructions "Tuning Your Television for the DVD-VCR" (see page 14). **3.** Carry out the instructions "Setting the DVD-VCR output Channel" (see page 24), move the channel number several channels down from the original setting. (example: from 60 to 57). **4.** Replace the aerial plug into the socket marked (aerial symbol) on the rear of the DVD-VCR. **5.** Re-tune your TV to the DVD-VCR again by following instructions "Tuning Your Television for the DVD-VCR" (page 14). **6.** If the problem still exists repeat steps 1 to 5 moving several more channels away from the original setting.

If you are unable to solve the problem after reading the above instructions, note:

◆ *The model and serial number on the rear of your DVD-VCR*

◆ *The warranty information*

◆ *A clear description of the problem*

Then contact your nearest SAMSUNG after-sales service.

Troubleshooting Guide (DVD)

Before requesting service (troubleshooting)

Problem	Action	Page
Disc does not play.	◆ Ensure that the disc is installed with the label side facing up. ◆ Check the region number of the DVD. ◆ This player cannot play CD-ROMs, DVD-ROMs, etc. Insert a DVD, a VIDEO-CD or a CD.	P6
5.1 channel sound is not being reproduced.	◆ 5.1 channel sound is reproduced only when the following conditions are met. : 1) The DVD-VCR player is connected with the proper amplifier 2) The disc is recorded with 5.1 channel sound. ◆ Check whether the disc being played has the "Dolby 5.1 ch" mark on the outside. ◆ Check if your audio system is connected and working properly.	P45 P49
The ⊘ icon appears on screen.	◆ The features or action cannot be completed at this time because: 1. The DVD's software restricts it. 2. The DVD's software doesn't support the feature (e.g., angles). 3. The feature is not available at the moment. 4. You've requested a title or chapter number or search time that is out of range.	P48~65
Playback mode differs from the Setup Menu selection.	◆ Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.	P46-53
The screen ratio cannot be changed.	◆ The Screen Ratio is fixed on your DVDs.	P52
No audio.	◆ Make sure you have selected the correct Digital Output in the Audio Options Menu.	P49-51
Forgot password	◆ Press power on from a cold start with no disc in the unit. Press the ▶▶ and ◀◀ buttons simultaneously on the front panel for five seconds. The Select Menu Language display will appear. Select the desired language button. Press the SETUP button on the remote control to select the Parental Mode. The Parental Mode is now unlocked as indicated on the display. Press the DOWN button to select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and change your password to a new number.	P48
If you experience other problems.	◆ Go to the contents and find the section of the instruction book that contains the explanations regarding the current problem, and follow the procedure once again. ◆ If the problem still cannot be solved, please contact your nearest authorized service center.	

SAMSUNG ELECTRONICS

WARRANTY CARD

SAMSUNG EUROPEAN BLOC WARRANTY

GUARANTEE

GARANZIA

GARANTI

GARANTÍA

GARANTIE

GARANTIA

ΕΓΓΥΗΣΗ

TAKUU

MODEL NAME
Modelnavn, Nombre de modelo, Nombre del modelo, Modello, Nome de modelo, Modellbezeichnung, Modelnaam, Nom du modèle, Il nome di modello, Montέλο προϊοντοι, Asiakkaan puh.nro, Modelnaven, Modell

SERIAL NO.
Serienummer, No. de serie, Número serial, Serienummer, Serie nummer, Numéro de série, Il numero di matricola, Αriφmοv kattaskeuhv, Malli, Serienummer., Serienr

DATE OF PURCHASE
Kόbelid, Kόbsadato, Fecha de compra, Data de compra, Kaufdatum, Datum van aankoop, Date d'achat, La data d'acquisto, Hmeromhnία agorav agorasthvAsiakkaan osoite, Salgsdato, Inköpsdatumv

CUSTOMER'S NAME
Kundesnavn, Kundenavn, Nombre de cliente, Nombre del cliente, Nombre de cliente, Name des Kunden, Naam van klant, Nom du cliente, Onoma tepwaumo tou agorasthvSariparno, Kundens navn, Kundens namn

CUSTOMER'S TEL. NO.
Kundesadress, Kundetelefonnummer, No. de Tel. de client, No. de Tel del cliente, Número de telefone de cliente, Telefonnummer des Kunden, Telefoon nummer van klant, Numéro de téléphone du client, Il numero di telefono del client., Αriφmοv thle fwnou tou agorasthvMyyjän puh.nro, Kundens telefonnr, Kundens telefonnr.

CUSTOMER'S ADDRESS
Kundesadress, Kundeadresse, Direccción de client, Direccion del cliente, Endereco de cliente, Adresse des Kunden, Adres van klant, adresse du client, L'indirzzo del cliente. Dieugnsh tou agorasthvOstopäivä, Kundens adresse, Customer's address

DEALER'S NAME
Handelnesnavn, Forhandler, Nombre de negociante, Nombre del vendedor, Nome de vendedor, Name des Händlers, Naam van handelaar, Nom du marchand, Il nome del commerciante, Onoma tou katasthwatoi, Jälleenmyyjän, Forhandler, Aterforsäljare

DEALER'S TEL. NO.
Handelnestelesonnummer, Forhandlertelefonnummer, No. de Tel. de negociante, No. de Tel. del vendedor, Número de telefone de vendedor, Telefonnummer des Handlers, Telefoon nummer van handelaar, Numéro tél phone du marchand, il numero di telefono del commerciante, Αriφmοv tou katasthwatoi. Myyjän osoite, Forhandlerens tel.nr., Handlarens telefonnr.

DEALER'S ADDRESS
Handelnesadress, Forhandleradresse, Dirección de negociante, Dirección del vendedor. Endereço de vendedor, Adresse des Händlers, Adres van handelaar, Adresse du marchand, Dieugnsh tou katasthwatoi. Asiakkaan nimi, Forhandlerens adresse, Handlarens adress

DEALER'S STAMP & SIGNATURE

CUSTOMER'S SIGNATURE

Please ensure the form above is completed at the time of purchase and present it to the dealer to quality for guarantee service, otherwise your guarantee may be affected.

CAUTION

UNITED KINGDOM

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required, you should return the product to the retailer from whom it was purchased.

However, Samsung Authorised Dealers and Authorised Service Centres in other EC Countries will comply with the warranty on the terms issued to purchasers in the country concerned. In case of difficulty, details of our Authorised Service Centres are available from:

**Samsung Electronics (U.K.) Ltd.,
Euro Service Centre, Stafford Park 12,
TELFORD, Shropshire TF3 3BJ,
Tel: 0870 242 0303, Fax: 01952 207 117**

■ WARRANTY CONDITIONS

1. The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed and is presented with the original invoice or sales slip or confirmation, and the serial number on the product has not been defaced.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No re-imbursement will be made for repairs carried out by non Samsung Dealers and, any such repair work and damage to the products caused by such repair work will not be covered by this warranty.

REPUBLIC OF IRELAND

4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursement will be made for such adaptation nor any damage which may result.
5. This warranty covers none of the following:
   a) Periodic check ups, maintenance and repair or replacement of parts due to normal wear and tear.
   b) Cost relating to transport, removal or installation of the product.
   c) Misuse, including the faiure to use this product for its normal purposes or incorrect installation.
   d) Damage caused by Lightning, Water, Fire, Acts of God, War, Public Disturbances, incorrect mains voltage, improper ventilation or any other cause beyond the control of Samsung.
6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.
7. The consumers statutory rights in any applicable national legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty. Unless there is national legislation to the contrary, the rights under this warranty are the consumers sole rights and Samsung, its subsidiaries and distributors shall not be liable for indirect or consequential loss or any damage to records, compact discs, videos or audio taper or any other related equipment or material.

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