

SAMSUNG

DVD-VCR

Instruction Manual

DVD-V7500K

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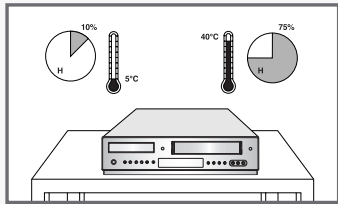
Warning

The following illustrations represent precautions.

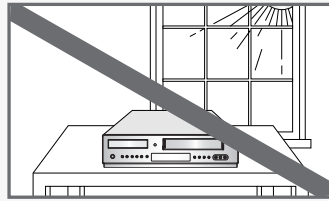


The lightning bolt is a warning sign alerting you to dangerous voltage inside the product.

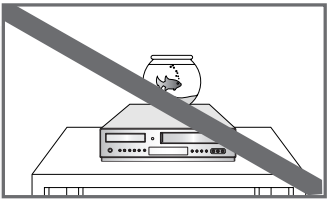
DO NOT OPEN THE DVD-VCR. Refer to service personnel.



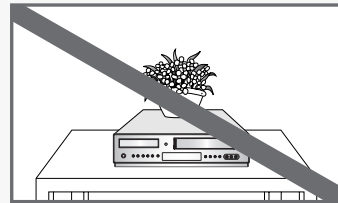
Do NOT expose the DVD-VCR to extreme temperature conditions (below 5°C and above 40°C) or to extreme humidity conditions (less than 10% and more than 75%).



Do NOT expose the DVD-VCR to direct sunlight.



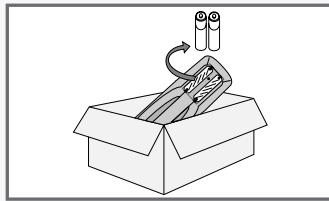
Do NOT expose the DVD-VCR to any liquids.



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 jack 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




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 disassembling is prohibited.

Disc Type and Characteristics




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 	Audio + Video	12 Cm	Single-sided 240 min. Double-sided 480 min.	- DVD contains excellent sound and video due to Dolby Digital, DTS 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.	
AUDIO-CD 	Audio	12 Cm	74 min.	- 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.	
VIDEO-CD 	Audio + Video	12Cm	74 min.	- Video with CD sound, VHS quality & MPEG-1 compression technology.
		8 Cm	20 min.	

- DO NOT play CD-ROM, CD-I and DVD-ROM in this player! (CDGs play audio only, not graphics.)
- It may not play CD-R, CD-RW and DVD-R, -RW, DVD+R, +RW in all cases due to the type of disc or condition of the recording.
- The recorded disc may not run as playback depends on the recording speed.
- Do not run the player with two discs loaded at the same time.

Disc Markings

	Play Region Number
	PAL colour system in Europe, Australia, New Zealand, etc.
	NTSC broadcast system in U.S.A, Canada, Korea, Japan, etc.
	Dolby Digital disc
	Stereo disc
	Digital Audio disc
	DTS disc
	Disc contains a Divx software product

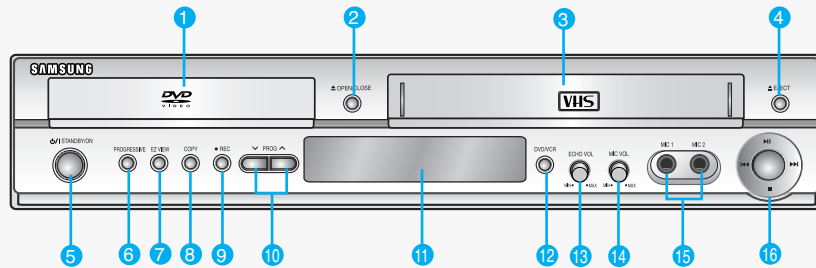
Play Region Number

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 be played.

The Region Number for this player is described on the rear panel of the player.

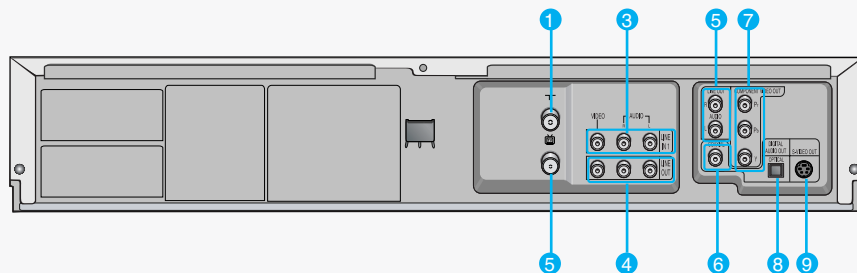
Description

Front Panel



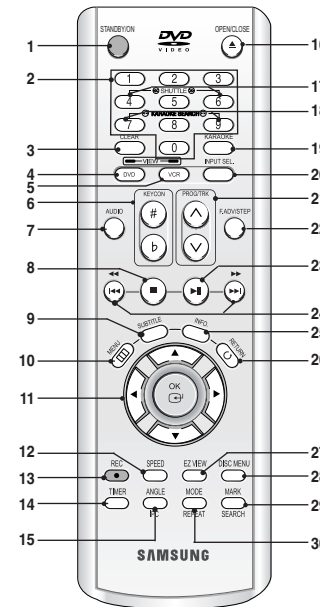
- | | |
|---------------------------------|---|
| 1. DVD DECK | 11. FRONT PANEL DISPLAY |
| 2. OPEN/CLOSE BUTTON | 12. DVD/VCR SELECTION BUTTON |
| 3. VIDEO CASSETTE COMPARTMENT | 13. ECHO VOLUME |
| 4. EJECT BUTTON | 14. MIC VOLUME |
| 5. STANDBY/ON BUTTON | 15. MIC JACK |
| 6. PROGRESSIVE SCAN MODE BUTTON | 16. PLAY/STILL, STOP, FAST FORWARD
SKIP NEXT, REWIND/SKIP BACK
BUTTON |
| 7. EZ VIEW BUTTON | |
| 8. COPY BUTTON | |
| 9. RECORD BUTTON | |
| 10. PROGRAMME SELECTION BUTTON | |

Rear Panel



- | | |
|---|--------------------------------|
| 1. ANTENNA INPUT | 6. DIGITAL AUDIO OUT (COAXIAL) |
| 2. RF OUT TO TV | 7. COMPONENT VIDEO OUT |
| 3. LINE IN 1 (Audio / Video) | 8. DIGITAL AUDIO OUT (OPTICAL) |
| 4. LINE OUT (Audio / Video) | 9. S-VIDEO OUT |
| 5. LINE AUDIO OUT
(S-VIDEO OR COMPONENT) | |

Tour of the Remote Control



- | | |
|---|--|
| 1. STANDBY/ON
Used to turn the power on or off. | 12. SPEED
Used to select the recording speed. |
| 2. Number Buttons
Used to clear a preset TV station.
Used to cancel a preset recording.
Used to cancel a preset mark.
Used to set the tape counter to zero.
Used to resume normal play during repeat play. | 13. REC (●)
Used to make a recording on cassette. |
| 3. CLEAR
Used to clear a preset TV station.
Used to cancel a preset recording.
Used to cancel a preset mark.
Used to set the tape counter to zero.
Used to resume normal play during repeat play. | 14. TIMER
Used to activate the timer recording of a programme. |
| 4. DVD
Used to operate DVD. | 15. ANGLE
Used to access various camera angles on a DVD.
IPC (Intelligent Picture Control)
Used to adjust the sharpness of the picture. |
| 5. VCR
Used to operate VCR. | 16. OPEN/CLOSE
Used to open and close the disc and video cassette tray. |
| 6. KEYCON (#, b)
Used to access various audio functions. | 17. SHUTTLE
Used to play a sequence at variable speeds. |
| 7. AUDIO
Used to access various audio functions. | 18. KARAOKE SEARCH |
| 8. STOP (■)
Used to stop during playback. | 19. KARAOKE |
| 9. SUBTITLE
Used to change the DVD's subtitle language. | 20. INPUT SEL.
Used to select an external input signal. |
| 10. MENU
Used to display the on-screen menu. | 21. PROG/TRK (▲ / ▼)
Used to select a TV programme.
Used to adjust picture alignment manually to obtain the best possible picture during playback. |
| 11. OK ▲ / ▼, ◀ / ▶
Used to control the cursor in the on-screen menu and confirm your choice. | 22. FADV/STEP
Used to advance a sequence frame by frame. |
| | 23. PLAY/STILL (▶ / II)
Used to play or pause during playback. |
| | 24. SEARCH/SKIP (◀◀ / ▶▶, I◀◀ / ▶▶I)
Used to search forward or backward through a disc.
Used to skip the title, chapter, or track. |
| | 25. INFO.
Used to display the current setting or disc status. |
| | 26. RETURN
Used to return to a previous menu. |
| | 27. EZ VIEW
Used to adjust the aspect ratio on a disc. |
| | 28. DISC MENU
Used to display a disc menu. |
| | 29. MARK
Used to mark a position during playback a disc.
SEARCH
Used to search for a specific sequence. |
| | 30. MODE
Used to select the programme or random play.
REPEAT
Used to allow the repeat play a title, chapter, track, disc or A-B. |

Getting Connected

There are several ways to connect your DVD-VCR. Select one of the following video/audio connecting that best suits you below.

1. Connecting to a Video input jack

1. Connect a video(yellow) cable between the VIDEO(yellow) OUT jack on DVD-VCR and VIDEO(yellow) IN jack on the TV (or AV amplifier).
2. Connect audio cables(white and red) between the AUDIO OUT jacks on the DVD-VCR and AUDIO IN jacks on TV(or AV amplifier).
 - You will enjoy regular quality images.

2. Connecting to an S-Video input jack

1. Connect an S-Video cable(not included) between the S-VIDEO OUT jack on DVD-VCR and S-VIDEO IN jack on the TV (or AV amplifier).
2. Connect audio cables(white and red) between the AUDIO OUT jacks on the DVD-VCR and AUDIO IN jacks on TV(or AV amplifier).
3. Set the Video Output to S-Video in the Display Setup menu.

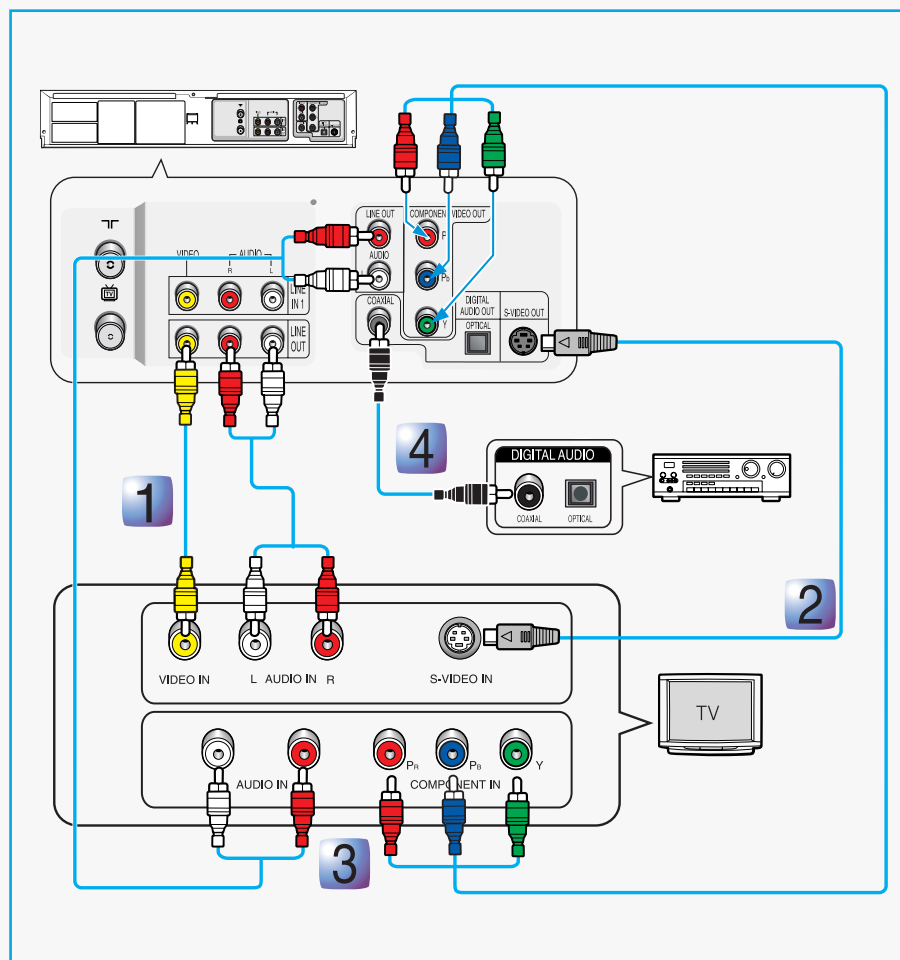
You can use the **PROGRESSIVE** button to change the Video Output mode.

- You will enjoy high quality images. S-Video separates the picture element into black and white (Y) and color(C) signals to present clearer images than regular video input mode.
- Connect audio cables(white and red) between the AUDIO OUT jacks on the DVD-VCR and AUDIO IN jacks on TV(or AV amplifier).

3. Set the Video Output to Component (Interlace, Progressive) in the Display Setup menu.

You can use the PROGRESSIVE button to change the Video Output mode.

- You will enjoy high quality accurate color reproduction images. Component video separates the picture element into black and White(Y), blue(PB), red(PR) signals to present most clear and clean images.
- Make sure that the color coded connections match. The Y,PB,PR component output jacks of your DVD-VCR must be connected to the exact corresponding component input jacks on your TV. Otherwise, red or blue images will be displayed on the TV screen.



S-Video, Component video and Progressive Output Modes

- S-Video and Component video output are available only if your TV supports S-Video input or Component video input, respectively. If S-Video or Component video output does not work, check the TV connections and the TV input selection settings.
- Compared to standard interlaced video, progressive scan doubles the amount of video beam lines fed to your TV, resulting in a more stable, flicker-free, and clear image than interlaced video. The progressive scan video output jack is used in progressive output mode. This is only available with TVs that support progressive scan.

- If you press the **PROGRESSIVE** button when DVD-VCR is in stop mode or no disc is inserted, the Video Output mode changes in the following sequence:
(S-Video _ Interlace _ Progressive)

4. Connecting to an Audio System(Dolby digital, MPEG2 or DTS Amplifier)

1. If using a coaxial cable (not included); Connect Optical cable(not included) between the DIGITAL AUDIO OUT (COAXIAL) jack on DVD-VCR and DIGITAL AUDIO IN (COAXIAL) jack of the Amplifier.
- When you connect the DVD-VCR to DTS Amplifier and play a DTS disc, set the DTS to On in Audio Setup menu. If it is set to Off, sound will not be heard, or there will be a loud sound.
- Please turn the volume down when you turn on the Amplifier. Sudden loud sound may cause damage to the speakers and your ears.

Playback Features

During DVD/CD playback you can select from the following special playback options. To resume normal playback, press the ►|| button.

Still

- Turn on your DVD-VCR and set it to the correct Video Input on your TV's remote control.
- If you connected an external Audio System, turn on your Audio System and set it to the correct Audio Input.

Frame Advance (Step)

While in playback 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 the ►|| button to resume normal playback.

Note

- Frame Advance operates only in the forward direction.

Skip Forward/Back

While a CD or DVD disc is in play mode, press the I◀◀ or ▶▶I button to jump forward and backward through disc chapters/tracks.

- Skip Forward (▶▶I) will jump to the next chapter/track.
- Skip Back (I◀◀) will jump to the beginning of the current chapter/track.
- Press the I◀◀ button 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 ◀◀ or ▶▶ button to visually search forward/backward at 2X - 4X - 8X - 16X - 32X - 128X speed.

Press the ►|| button to resume normal speed.

- CD : 2X - 4X - 8X - 16X - 32X

Slow Motion

During playback, press the ►|| button to still the image. Then press the ►▶ button 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.

Note

- Slow motion operates only in the forward direction. Slow motion is not available for CD.

Stop/Resume

- Press the ■ button once to stop playback. To resume the DVD/CD from the point where the disc stopped, press the ►|| button.
- Press the ■ button twice to completely stop playback. The next time you press the ►|| button, the disc will start over from the beginning.

Playing a Cassette

- Switch on both the television and your DVD-VCR.
- Insert the video cassette. If the safety tab on the cassette is intact, press the ►|| (play/pause) button. 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.
- Press the ■ (stop) button to stop the playback.
Press the ▲ (eject) button to eject the playback.

Adjusting Picture Alignment Manually

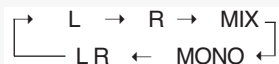
This feature allows you to adjust the alignment manually to obtain the best possible picture. When noise bars or streaks appear during playback, adjust alignment manually by pressing the TRK △ or ▽ button until the picture is clear and stable.

Selecting the Audio Output Mode

Press the **AUDIO** button on the remote control until the required option is displayed.

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.



Playing a Cassette in Slow Motion

- Press the :
 - || button to start playing the cassette.
 - || button again to make still mode.
 - button to start slow mode.
 - ◀◀ or ►► button as many times as required to decrease or increase the speed respectively.
 - || button twice to return to the normal speed.
 - The slow motion feature does not support running video backwards.
- When playing back in slow motion, picture interference may occur. Press the TRK ▲ or ▼ button to minimize this effect.
 - When you have been using the Slow Motion function for more than about two minutes, the DVD-VCR will automatically play to protect the:
 - Cassette
 - Video heads

Playing a Sequence Frame by Frame

- Press the :
 - || button to start playing the cassette.
 - || button again to make still mode.
 - F.ADV button to advance frame by frame.
 - || button to return to normal playback.
 - Vertical stability: When playing back frame by frame, interference may be seen on the screen. Press the TRK △ or ▽ button to minimize this effect.

Playing a Sequence at Variable Speeds

- Press the :
 - || button to start playing the cassette.
 - SHUTTLE (<<) button to play the cassette backwards.
 - SHUTTLE (>>) button to play the cassette forwards.
- Each time you press the 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
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VCR KARAOKE

1. Press the **STANDBY/ON** button and insert KARAOKE tape.
2. Connect Mic into MIC1 or MIC2 jack.
Then the KARAOKE mode is transferred "ON" mode.
 - Disconnect the Mic makes the KARAOKE mode transfer to "OFF" mode automatically.
 - Press the **KARAOKE** button on the remote control.
Press the ◀ or ▶ button to select KARAOKE mode "ON".
3. To adjust the Mic volume and ECHO level.
4. To sing with accompaniment.

DVD KARAOKE

1. Press the **STANDBY/ON** button and insert KARAOKE cd.
2. Connect Mic into MIC1 or MIC2 jack.
Then the KARAOKE mode is transferred "ON" mode.
 - Then the KARAOKE mode is transferred "ON" mode.
 - Disconnect the Mic makes the KARAOKE mode transfer to "OFF" mode automatically.
3. To adjust the Mic volume and ECHO level.
4. To sing with accompaniment.

Operation Sequence


- Connect the Mixed Audio Out terminals with the TV or Amplifier.
- Connect Mic into Mic jack. When a MIC is connected, the karaoke functions can be used.

Recording a Programme Immediately

Before recording a programme, you must have preset the corresponding station (unless you are recording via an external video source).

1. Switch on the television.
2. 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. The DVD-VCR is switched on automatically.
3. Select the station to be recorded by pressing the **PROG** \wedge or \vee button or select the source (LINE IN 1) by pressing the **INPUT SEL.** button for a satellite tuner or external video source. The station number is displayed and the programme can be seen on the television.
4. Select the recording speed by pressing the **SPEED** button as many times as required
5. Hold down the **REC** (●) button for a while to start recording.
The record indicator appears on the television and DVD-VCR display. An index is recorded on the tape.
6. To stop recording, press the ■ button 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.

Identifying DVD Problems

Disc does not play.	<ul style="list-style-type: none">• 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, or a CD.
5.1 channel sound is not being reproduced.	<ul style="list-style-type: none">• 5.1 channel sound is reproduced only when the following conditions are met. :<ol style="list-style-type: none">1) The DVD-VCR player is connected with the proper amplifier2) The disc is recorded with 5.1 channel sound.• Check whether the disc being played has the “5.1 ch” mark on the outside.• Check if your audio system is connected and working properly.
The  icon appears on screen.	<ul style="list-style-type: none">• The features or action cannot be completed at this time because:<ol style="list-style-type: none">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.
Playback mode differs from the Setup menu selection.	<ul style="list-style-type: none">• Some of the functions selected in the Setup menu may not work properly if the disc is not encoded with the corresponding function.
The screen ratio cannot be changed.	<ul style="list-style-type: none">• The screen ratio is fixed on your DVDs.
No audio.	<ul style="list-style-type: none">• Make sure you have selected the correct Digital Output in the Audio Options Menu.
Forgot password	<ul style="list-style-type: none">• Press STANDBY/ON with no disc in the unit. Press the ◀◀ and ▶▶ buttons simultaneously on the front panel for five seconds. Power off and on the DVD-VCR by pressing STANDBY/ON button. The parental mode is now unlocked as indicated on the display. You can now set your rating level and change your password to a new number.
If you experience other problems.	<ul style="list-style-type: none">• 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.

Identifying VCR Problems

No power	<ul style="list-style-type: none">• Check that the power plug is connected to a wall outlet.• Have you pressed the STANDBY/ON button?
You cannot insert a video cassette	<ul style="list-style-type: none">• A video cassette can only be inserted with the window side up and the safety tab facing you.
The television programme was not recorded	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Check to see if you are using a prerecorded tape.
You cannot see normal broadcasts	<ul style="list-style-type: none">• Check the tuner or external setting. It should be on tuner.• Check the TV or VCR aerial connections.
Noise bars or streaks on playback	<ul style="list-style-type: none">• Press the TRK (Δ or ∇) buttons to minimize this effect.
When the $\blacktriangleright\parallel$ button is pressed during playback, the still picture has severe “noise bars” streaks	<ul style="list-style-type: none">• A still picture may have “noise bars”, depending on the condition of the tape. Press the TRK (Δ or ∇) buttons during slow motion to minimize this effect.
Video Head Cleaning	<ul style="list-style-type: none">• 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	<ol style="list-style-type: none">1. Remove the aerial input plug the socket marked (aerial symbol) on the rear of the DVD-VCR.2. Carry out the instructions “Tuning Your Television for the DVD-VCR”.3. Carry out the instructions “Setting the DVD-VCR output Channel”, move the channel number several channels down from the original setting.(example: from 36 to 37).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”.6. If the problem still exists repeat steps 1 to 5 moving several more channels away from the original setting.