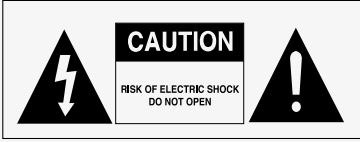


**SAMSUNG**

# *DVD-VCR*

## **Instruction Manual DVD-V5500**

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**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of fire or electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**Note to CATV system installer** : This reminder is provided to call CATV system installer’s attention to Article 820-40 of the National Electrical Code (Section 54 of Canadian Electrical Code, Part I) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

**CAUTION** : FCC regulations state that any unauthorized changes or modifications to this equipment may void the user’s authority to operate it.

## CAUTION

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

## CAUTIONS

Pour éviter les chocs électriques, introduire la lame le plus large de la fiche dans la borne correspondante de la prise et pousser jusqu’au fond.

## IMPORTANT NOTE

One Federal Court has held that unauthorized recording of copyrighted TV programs is an infringement of U.S. copyright laws. Certain Canadian programs may be copyrighted and any unauthorized recording in whole or in part may be a violation of these rights.

**To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.**

## Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

# General Features & Disc Type. Characteristics

## General Features

### DVD-VCR Features

- Perfect compatibility to play back DVDs, audio CDs or VHS Tapes.
- Enjoy a DVD movie while recording a TV show to the VCR.
- Auto Setup instantly finds the time and runs channel search.
- RF inputs and outputs for all kinds of TVs available.
- Composite, S-Video, and Component Video outputs.
- On-Screen Program (English/French/Spanish).

### DVD Features

- 10-bit video digital to analog converter and 54MHz advanced digital filter.
- Playback of 96KHz/24-bit sources.
- DTS digital output for DTS-enhanced DVDs.

### VCR Features



- Hi-Fi Stereo VCR.
- Superior slow motion and stop action (with 4 heads).
- Playback of S-VHS tapes with a better than standard resolution.
- INTRO Scan, Zero Return, and END Search.
- 7-event/1 month timer recording.
- Time remaining counter, real time counter.

### Note

- Discs which cannot be played with this player.
  - DVD-ROM/DVD-RAM/VCD
  - CDI/CDV
  - Super Audio CD (CD, HD layer)
  - CDGs play audio only, not graphics.
  - DVD-RW (VR mode)
  - Non-finalizing DVD-RW, -R, DVD+RW, and +R disc.








## 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
<b>DVD</b> 	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.	
<b>AUDIO-CD</b> 	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.	

- CD-R, CD-RW and DVD-RW, -R, DVD+RW, +R discs may not be playable in all cases due to the disc type or condition of the recording.
- Do not run the player with two discs loaded at the same time.

## Disc Markings

	Play Region Number
	NTSC broadcast system in U.S.A, Canada, Korea, Japan, etc.
	Dolby Digital disc
	Stereo disc
	Digital Audio disc
	DTS disc
	MP3 disc

You must only insert one DVD disc at a time. Inserting two or more discs will not allow playback and may cause damage to the DVD player.

## Region Number

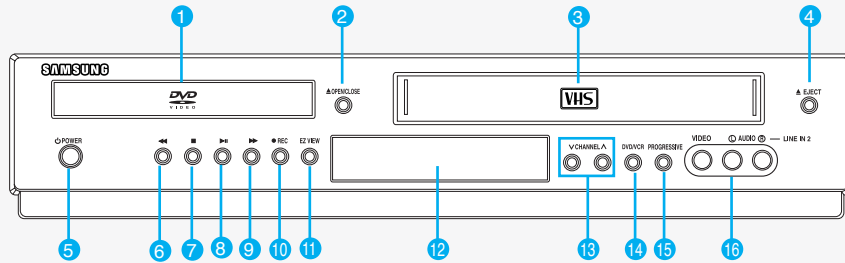
Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.

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



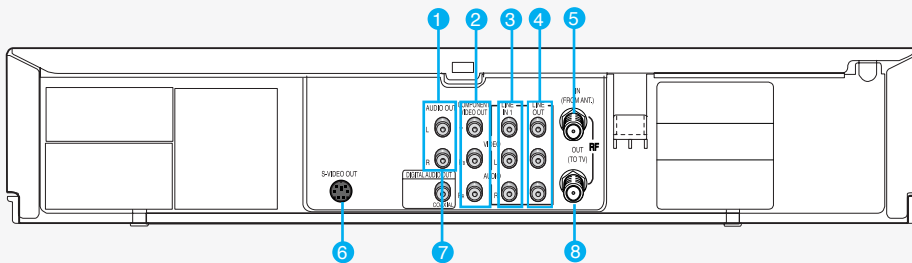
# Description

## Front Panel



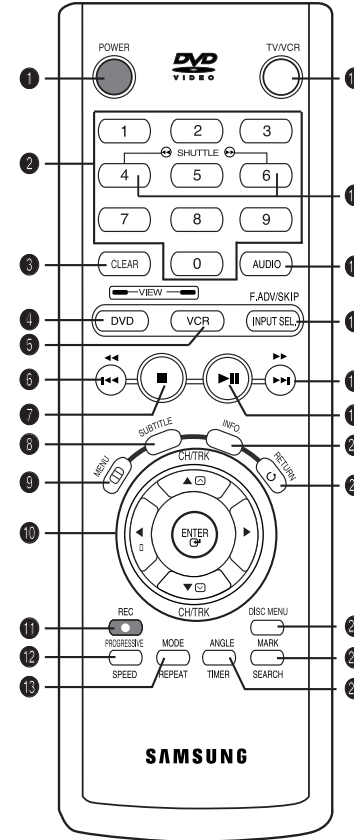
- |                       |                             |
|-----------------------|-----------------------------|
| 1 DISC TRAY           | 9 ►► (Forward/Fast Forward) |
| 2 OPEN/CLOSE          | 10 REC (VCR)                |
| 3 VCR Deck            | 11 EZ VIEW                  |
| 4 EJECT               | 12 Front Panel Display      |
| 5 POWER               | 13 CHANNEL ▼ and ▲          |
| 6 ◀◀ (Reverse/Rewind) | 14 DVD/VCR                  |
| 7 ■ (STOP)            | 15 PROGRESSIVE              |
| 8 ►► (Play/Pause)     | 16 LINE IN 2 (VIDEO/AUDIO)  |

## Rear Panel



- |                           |                               |
|---------------------------|-------------------------------|
| 1 AUDIO OUT               | 5 RF IN (FROM ANT.)           |
| 2 COMPONENT VIDEO OUT     | 6 S-VIDEO OUT                 |
| 3 LINE IN 1 (VIDEO/AUDIO) | 7 DIGITAL AUDIO OUT (COAXIAL) |
| 4 LINE OUT (VIDEO/AUDIO)  | 8 RF OUT (TO TV)              |

## Tour of the Remote Control



- |   |       |
|---|-------|
| 1 <b>POWER button</b><br>to turn the DVD-VCR on and off.  | Press |
| 2 <b>NUMBER Buttons</b>   |       |
| 3 <b>CLEAR button</b><br>Use to remove menus or status displays from the screen.  |       |
| 4 <b>DVD button</b><br>Use to operate DVD.  |       |
| 5 <b>VCR button</b><br>Use to operate VCR.  |       |
| 6 <b>◀◀/▶▶ (Search/Skip) button</b><br>Press to reverse search/skip a disc.<br>Use to skip a title, chapter or track on a disc.   |       |
| 7 <b>■ (STOP) button</b><br>Press to stop a disc/video tape during play or record (VCR).  | Press |
| 8 <b>SUBTITLE button</b><br>Press to display the subtitle language name abbreviation on screen.   | Press |
| 9 <b>MENU button</b><br>Brings up the DVD-VCR player's menu.  |       |
| 10 <b>ENTER/▲▼◀▶/Channel/ Tracking ▲ or ▼ buttons</b><br>This button functions as a toggle switch.<br>Press to change channels. (TV)<br>Press to adjust tape tracking. (VCR)          |       |
| 11 <b>REC button</b><br>Press to begin recording. (VCR)   | Press |
| 12 <b>PROGRESSIVE/SPEED button</b><br>Press to select progressive scan mode. (DVD)<br>Press to select the tape recording speed. (VCR)   |       |
| 13 <b>MODE/REPEAT button</b><br>Use to select the program or random play.<br>Allows you to repeat play a title, chapter, track, or disc. (DVD)  |       |
| 14 <b>TV/VCR button</b><br>Press to switch between TV and VCR mode.   |       |
| 15 <b>SHUTTLE (◀▶) buttons</b><br>Use to play a sequence at variable speeds. (VCR)  |       |
| 16 <b>AUDIO button</b><br>Use this button to access various audio functions on a disc. (DVD)  |       |
| 17 <b>F.ADV/SKIP/INPUT SEL. button</b><br>Press to advance play one frame at a time. (DVD)<br>Press to fast forward a video tape. (VCR)<br>Press to select an external signal source. |       |
| 18 <b>►► /▶▶ (Search/Skip) button</b><br>Press to forward search/skip a disc.<br>Use to skip a title, chapter or track on a disc.   |       |
| 19 <b>►► (Play/Pause) button</b><br>Press to play or pause the disc/video tape.   |       |
| 20 <b>INFO. button</b><br>Displays the current disc mode. (DVD)   |       |
| 21 <b>RETURN button</b><br>Returns to a previous menu.  |       |
| 22 <b>DISC MENU button</b><br>Brings up the Disc menu. (DVD)  |       |
| 23 <b>MARK/SEARCH button</b><br>Press to memorize scenes for replay. (DVD)<br>Displays the VCR Function menu. (VCR)   |       |
| 24 <b>ANGLE/TIMER button</b><br>Use to access various camera angles on a disc. (DVD)<br>Displays the Manual Clock menu.   |       |

# 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.

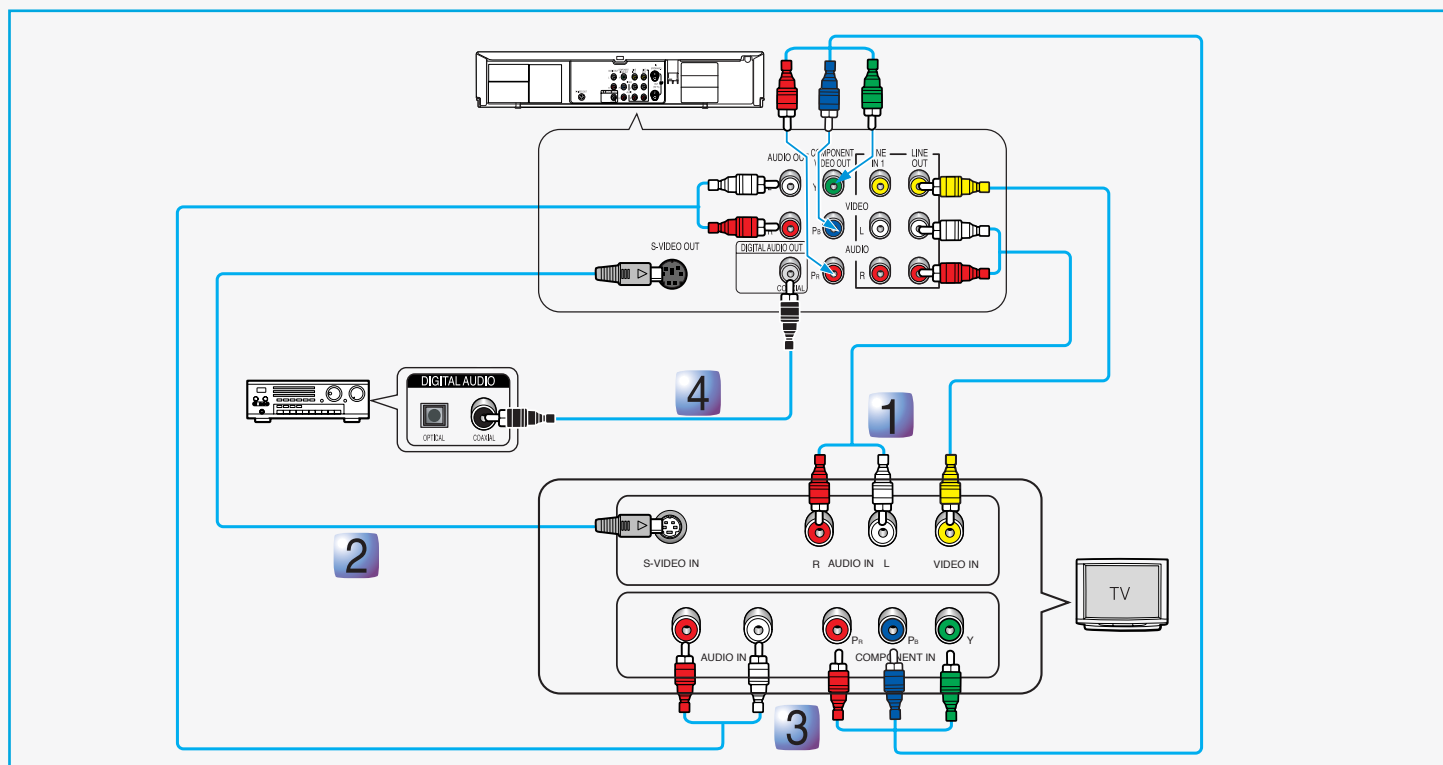
- You will enjoy high quality accurate color reproduction images. Component video separates the picture element into black and White(Y), blue(PB), red(PR) signals to present most clear and clean images.
- Make sure that the color coded connections match. The Y,PB,PR component output jacks of your DVD-VCR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



## Playing a Disc

### Before Play:

- 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.

### Playback :

1. Press the **OPEN/CLOSE** (▲) button on the front panel.
2. Place a disc gently into the tray with the disc's label facing up.
3. Press the **▶||** (**Play/Pause**) button on your remote control or on the front panel.  
Most discs will start to play back as soon as the tray closes.

#### 4. Stopping Play

Press the **■(Stop)** button during play.

##### - Stop/Resume

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

#### 5. Removing Disc

Press the **OPEN/CLOSE** (▲) button on the front panel.

#### 6. Pausing Play

Press the **▶||** (**Play/Pause**) button on your remote control or on the front panel during play.

- Screen stops, no sound.
- To resume, press the **▶||** (**Play/Pause**) button once again.

##### Note

If the player is left for about 5 minutes in pause mode, it will stop.

#### 7. Step Motion Play (Except CD)

Press the **F.ADV** button on the remote control during play.

- Each time the button is pressed, a new frame will appear.
- No sound is heard during STEP mode.
- Press the **▶||** (**Play/Pause**) button to resume normal play.
- You can only perform step motion play in the forward direction.

#### 8. Slow Motion Play (Except CD)

Press and hold the **▶▶** (**Forward**) button to choose the play speed between 1/8, 1/4 and 1/2 of normal during PAUSE or STEP mode.

- No sound is heard during slow mode.
- Press the **▶||** (**Play/Pause**) button to resume normal play.
- Reverse slow motion play will not work.

##### Note

This (⊗) icon indicates an invalid button press.

#### 9. Searching through a Chapter or Track

During play, press and hold the **◀/▶** (**Search**) buttons on the remote control for more than 1 second.

- If you want to search at a faster speed on the DVD or CD, press and hold the button.

##### Notes

- The speed marked in this function may be different from the actual playback speed.
- No sound is hearing during search mode (Except CD).

#### 10. Skipping Tracks

During play, press the **◀◀/▶▶** (**Skip**) buttons.

- When playing a DVD, if you press the **▶▶** (**Skip**) button, it moves to the next chapter. If you press the **◀◀** (**Skip**) button, it moves to the beginning of the chapter. One more press makes it move to the beginning of the previous chapter.

## Playing a Pre-Recorded Video Cassette Tape

### Playing the Tape

1. Insert the video cassette tape.
  - For more information on the safety tab, see page 74.
2. If the tape doesn't begin to play automatically, press the ►|| (Play/Pause) button.

### 3. Pausing Play

While a tape is playing, press the ►|| (Play/Pause) button when you want to interrupt play. The tape pauses temporarily.

Press the ►|| (Play/Pause) button to resume playing the tape.

- The VCR does not play sound while a video tape is paused.
- If you see white lines on the screen, see "Using Automatic Tracking" on page 65.

## Special VCR Playback Features

While a videotape is playing, you can enjoy a variety of special playback features, including Still, Frame Advance, Skip, Repeat, and more. Press the Play/Pause button again to resume normal playback.

### 1. Frame Advance

In the pause mode, press **F.ADV** to advance to the next frame.

### 2. Fps/Rps Review

In Play mode, press the ►► (Forward) or ◀◀ (Rewind) to review at two speeds:

- Picture Search: Press and release to advance the tape forward or backward at 5 times normal speed.
- Jet Search: Press and hold down the **SEARCH** button, then release it to play back at the normal speed.

### 3. Skip

In Play mode, press the **SKIP** button to move ahead exactly 30 seconds. Press the **SKIP** button repeatedly up to 4 times to move ahead 2 minutes.

### 4. Repeat

- In Play mode, press the **REPEAT** button to review the last 5 seconds of tape (SP mode).
- In Play mode, press the **REPEAT** button to review the last 15 seconds of tape (SLP mode).



You can record a TV show in progress by inserting a blank tape and pressing the REC button. You can even add time in 30-minute increments up to 4 hours by pressing the REC button repeatedly; see page 76.

## Note

Be sure your videotape has a Record Safety Tab. If the tab is missing, you can cover the opening with a small piece of tape. Warning: Do not cover this opening unless you are sure you want to record over the tape.

## Before You Begin...

- Power on the DVD-VCR
- Power on the TV

## Protecting a Recorded Cassette

Video cassettes have a safety tab to prevent accidental erasure. When this tab has been removed, you cannot record on the tape.

- If you wish to protect a cassette, break off the tab using a small screwdriver.
- To re-record over a protected cassette (safety tab broken), cover the hole with adhesive tape.

## Recording

1. Insert a blank VHS tape into the VCR deck. Make sure the tape is long enough to record the entire program. To change the Recording Speed, see page 76.
2. Use the Number buttons or the **CH ▲** or **▼** buttons to select the desired channel, or press the **INPUT SEL.** button to select **Line 1** or **2** if recording from an external device connected to the front or rear jacks, respectively.
3. Press the **REC** button on the remote control or front panel.  
For options while recording is in progress, see "Special Recording Features" on this page.
4. **Pause/Resume Recording**  
Press the **▶||** (Play/Pause) button. Press the **REC** button again to resume.
5. **Stop Recording**  
Press the **■** (Stop) button.



## Identifying DVD Problems

<b>No operations can be performed with the remote control.</b>	<ul style="list-style-type: none"><li>• Check the batteries in the remote control. They may need replacing.</li><li>• Operate the remote control at a distance of no more than 20 feet.</li><li>• Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall batteries and try to operate the remote control again.</li></ul>
<b>Disc does not play.</b>	<ul style="list-style-type: none"><li>• Ensure that the disc is installed with the label side facing up.</li><li>• Check the region number of the DVD.</li></ul>
<b>5.1 channel sound is not being reproduced.</b>	<ul style="list-style-type: none"><li>• 5.1 channel sound is reproduced only when the following conditions are met.:<ol style="list-style-type: none"><li>1) The DVD player is connected with the proper Amplifier</li><li>2) The disc is recorded with 5.1 channel sound.</li></ol></li><li>• Check whether the disc being played has the “5.1 ch” mark on the outside.</li><li>• Check if your audio system is connected and working properly.</li><li>• In a DVD Setup Menu, is the Audio Output set to Bitstream?</li></ul>
<b>The ∅ icon appears on screen.</b>	<ul style="list-style-type: none"><li>• The features or action cannot be completed at this time because:<ol style="list-style-type: none"><li>1. The DVD’s software restricts it.</li><li>2. The DVD’s software doesn’t support the feature (e.g., angles).</li><li>3. The feature is not available at the moment.</li><li>4. You’ve requested a title or chapter number or search time that is out of range.</li></ol></li></ul>
<b>Disc Menu doesn’t appear.</b>	<ul style="list-style-type: none"><li>• Check if the disc has a Menu.</li></ul>
<b>Play mode differs from the Setup Menu selection.</b>	<ul style="list-style-type: none"><li>• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.</li></ul>
<b>The screen ratio cannot be changed.</b>	<ul style="list-style-type: none"><li>• The Screen Ratio is fixed on your DVDs.</li></ul>
<b>No audio.</b>	<ul style="list-style-type: none"><li>• Make sure you have selected the correct Digital Output in the Audio Options Menu.</li></ul>
<b>The screen is blocked</b>	<ul style="list-style-type: none"><li>• Press the ►► button for more than 5 seconds with no disc in the unit. All settings will revert to the factory settings.</li></ul>
<b>Forgot password</b>	<ul style="list-style-type: none"><li>• Press the from a cold start with no disc in unit, press the ◀◀/▶▶ button simultaneously on the front panel for 5 seconds. All settings including the password will revert to the factory settings. Don't use this unless absolutely necessary.</li></ul>
<b>If you experience other problems.</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• If the problem still cannot be solved, please contact your nearest authorised service center.</li></ul>
<b>The picture is noisy or distorted</b>	<ul style="list-style-type: none"><li>• Make sure that the disc is not dirty or scratched.</li><li>• Clean the disc.</li></ul>

## Identifying VCR Problems

<b>No power</b>	<ul style="list-style-type: none"><li>• Check that the power plug is connected to a wall outlet.</li></ul>
<b>You cannot insert a video cassette</b>	<ul style="list-style-type: none"><li>• A video cassette can only be inserted with the window side up and the safety tab facing you.</li></ul>
<b>The television program was not recorded</b>	<ul style="list-style-type: none"><li>• Check the DVD-VCR antenna/cable connections.</li><li>• Is the DVD-VCR tuner properly set?</li><li>• Check if the safety tab is intact on the cassette.</li></ul>
<b>Timer recording was unsuccessful</b>	<ul style="list-style-type: none"><li>• Re-check the recording start/stop time settings.</li><li>• If there was a power failure or interruption during timer recording, the recording will have been cancelled.</li></ul>
<b>No playback picture or the picture is distorted</b>	<ul style="list-style-type: none"><li>• Check to see if you are using a prerecorded tape.</li></ul>
<b>You cannot see normal broadcasts</b>	<ul style="list-style-type: none"><li>• Check the tuner or external setting. It should be on tuner.</li><li>• Check the TV or VCR antenna connections.</li></ul>
<b>Noise bars or streaks on playback</b>	<ul style="list-style-type: none"><li>• Press the TRK buttons to minimize this effect.</li></ul>
<b>When the ►II button is pressed during playback, the still picture has severe “noise bars” streaks</b>	<ul style="list-style-type: none"><li>• A still picture may have “noise bars”, depending on the condition of the tape. Press the TRK buttons during slow motion to minimize this effect.</li></ul>
<b>Video Head Cleaning</b>	<ul style="list-style-type: none"><li>• 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.</li></ul>