

# SANYO

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## DVD-SX25 **UK**

### OPERATING INSTRUCTIONS

### DVD-Player



**Problems with set-up?**

**Call 0870 240 7475**

Calls cost a maximum of 8p per minute during peak periods, based on BT rates of April 2004.

**DVD**  
VIDEO

COMPACT  
**disc**  
DIGITAL VIDEO

COMPACT  
**disc**  
DIGITAL AUDIO

**Kodak**  
PICTURE CD  
COMPATIBLE

**MP3**  
READABLE

**JPEG**  
READABLE

**dts**  
DIGITAL OUT

**DOLBY**  
DIGITAL

**GB** English

**Model Name: DVD-SX25 UK**

**This model has the following features:**

- **DVD/CD-DA/CD-R/CD-RW Playback**
- **VCD Playback**
- **MP3 Playback**
- **JPEG Playback**
- **2 Channel analog audio output**
- **Optical Digital Audio Output**
- **Coaxial Digital Audio Output**

- **Manufactured under license from Dolby Laboratories. "Dolby", and the double-D symbol are trademarks of Dolby Laboratories.**
- **This product incorporates copyright protection technology that is protected by method claims of certain U.S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.**
- **DTS and DTS Digital Out are trademarks of Digital Theater Systems, Inc.**

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## ABOUT THIS MANUAL

The aim of this manual is to give detailed information about the device, so it can be employed easily. To run your device just utilize the button(s) on the Front Panel and/or Remote Controller.

Dear Customers



We would like to thank you for purchasing this DVD/VCD/CD-R/CD-RW/MP3/JPEG player.

We strongly recommend that you carefully study the operating instructions before attempting to operate the unit and that you note the listed safety precautions.

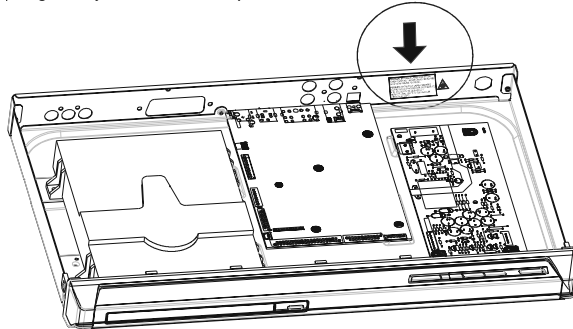
## WARNING

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

To reduce the risk of fire or electric shock, and any interference, use the recommended accessories only.

 <p>The lightning flash with arrowhead symbol, within an equilateral triangle, 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 electric shock to persons.</p>	<p><b>WARNING</b> DO NOT OPEN RISK OF ELECTRIC SHOCK</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
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A Laser Warning safety label has been placed inside the chassis at the location shown above



**CAUTION: INVISIBLE LASER RADIATION  
WHEN OPEN AND INTERLOCKS DEFEATED.  
AVOID EXPOSURE TO BEAM.**

**PELIGRO: RADIACION LASER INVISIBLE  
CUANDO EL REPRODUCTOR ESTA ABIERTO  
Y EL BLOQUEO DE SEGURIDAD  
DESACTIVADO. EVITE LA EXPOSICION  
DIRECTA AL RAYO.**



This set complies with the EMC Directive 89/336 and with the LVD Directive 73/23

# SAFETY INFORMATION

## CAUTION

CLASS 1 LASER PRODUCT  
LUOKAN 1 LASERLAITE  
KLASS 1 LASERAPPARAT

### LASER CLASS 1

Wave length:	650 nm (DVD) 790 nm (CD)
Maximum output of accessible laser radiation:	< 0,39 mW (continuous wave)
Classified according to IEC 60825-1:	1993 + A1: 1997

DVD Player is a class 1 laser product. However this product uses a visible laser beam which could cause hazardous radiation exposure. Be sure to operate the player correctly as instructed.

While this player is plugged to the wall outlet, do not place your eyes close to the opening of the disc tray or other openings to look into the inside of this product for your own safety.

Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure. Do not open covers and do not attempt to repair any damaged parts. Refer product to a service technician or qualified professional for any necessary repair.

***Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.***

***The mains plug or the appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.***

## CAUTION

***Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.***

# SAFETY PRECAUTIONS

## PROPER VENTILATION :

### CAUTION

•Do not block the ventilation openings or holes.

(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)

•Do not place any naked flame sources, such as lighted candles, on the apparatus.

•When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.

•Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

### Caution:

To avoid risk of electric shock and fire and to protect from damage.

### Locate the apparatus as follows:

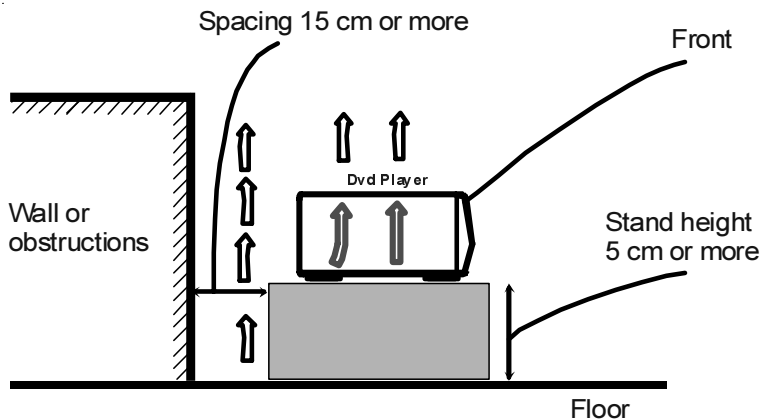
**Front:** No obstructions and open spacing.

**Sides:** No obstructions in 3 cm from the sides.

**Top:** No obstructions in 5 cm from the top.

**Back:** No obstructions in 15 cm from the back

**Bottom:** No obstructions, place on the level surface.



## SAFETY PRECAUTIONS

### Power Source:

The unit should be operated only from a 220-240V~ 50 Hz outlet. Please do not open the cover by yourself. There is high voltage in the set, which will endanger your life. Please contact local service agent for help and advice. Repairs should be carried out by a qualified technician only.

- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If the player will not be used for a long time, be sure to disconnect it from the wall outlet.

### Power Cord:

Do not place the unit, a piece of furniture, etc., on the power cord (mains lead), and do not pinch the cord. Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be routed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire and electrical shock. Check the power cord once in a while. When you find it damaged, ask closest service agent for help. When the AC power cord needs to be changed, it should be done at a qualified service shop only.

**POWER:** This DVD+VCR operates on a mains supply of 200-240V~, 50Hz.

This appliance is supplied with BS 1363 approved 13 Amp fused mains plug. When replacing the fuse always use a 5 Amp BS 1362 approved type.

Never use this plug with the fuse cover omitted.

To obtain a replacement fuse cover contact your supplying dealer.

If the mains sockets in your home differ, or are not suitable for the type of plug supplied, then the plug should be removed and a suitable type fitted.

If the mains plug becomes severed from the mains lead it must be destroyed. A mains plug with bared wires is hazardous if engaged in a mains output line socket.

If a 13 Amp BS 1363 plug is not suitable or any other type of plug used, then this appliance must be protected by a 5 Amp fuse.

Should you need to change the plug

The wires in this mains lead are coloured in accordance with the following codes

**BLUE ~ Neutral**

**BROWN ~ Live**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug proceed as follows :

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLUE or BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured BROWN or RED.

DO NOT connect either wire to the EARTH terminal.

### Choice of Location:

Please do not place the set in a place subject to direct sun light, excessive dust or mechanical shock or in a location near heat sources.

The set should be placed on a solid and safe base. Do not place the player on a soft surface such as a rug that might block the ventilation holes on the bottom.

A location should not be selected such as a room with high humidity, as the condensation, arising in the kitchen for example, may cause malfunction or damage the set.

Heating or other thermal radiation under the set also may cause malfunction or damage the set.

The hot air, which arises during the operation, should be ventilated with sufficient air circulation. Please do not put the set into closed areas and do not cover it.

Please avoid the contact of the set with water or humidity. Do not put it into operation near bath, swimming pools.

Make sure enough air circulation is provided around the product. Place the player in a location with adequate ventilation to prevent heat build-up in the player.

Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.





# GENERAL PROPERTIES

- 1-DVD/VCD/CD/CD-R/CD-RW/MP3/JPEG playback
- 2-NTSC/PAL playback
- 3-User-friendly Multilanguage OSD menu control
- 4-Vacuum Fluorescent Display (VFD)\*
- 5-Dolby Digital, DTS, MPEG Multichannel, LPCM audio via coaxial and optical digital audio outputs.
- 6-Multiple Aspect Ratio support (16:9 Widescreen, 4:3 Letterbox, 4:3 PAN & SCAN)
- 7-Multi-Audio (up to 8) support (According to disc content)
- 8-Multi-Subtitle (up to 32) support (According to disc content)
- 9-Multi-Angle (up to 9) support (According to disc content)
- 10- 8 level parental control
- 11- Fast forward and rewind in 5 different speeds. (2x, 4x, 8x, 16x, 32x)
- 12- Slow motion playback in 4 different speeds. (1/2x, 1/4x, 1/8x, 1/16x forward)
- 13- Frame by frame forward playback.
- 14- Time Search
- 15- Repeat
- 16- A - B repeat
- 17- Scart Socket
- 18- Video output
- 19- Coaxial & Optical\* Digital Audio outputs
- 20- Zoom

## DISC TYPES COMPATIBLE WITH THIS UNIT

This player can play the following discs.

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
	Audio + Video	12 cm	Single - sided; 240 min. Double - sided; 480 min.	<ul style="list-style-type: none"> <li>DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System.</li> <li>Various screen and audio functions can be easily selected through the on screen menu.</li> </ul>
		8 cm	Single - sided; 80 min. Double - sided; 160 min.	
	Audio + Video	12 cm	74 min.	<ul style="list-style-type: none"> <li>Video with CD sound, VHS quality &amp; MPEG-1 compression technology.</li> </ul>
		8 cm	20 min.	
	Audio	12 cm	74 min.	<ul style="list-style-type: none"> <li>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.</li> </ul>
		8 cm	20 min.	
	Audio (xxxx.mp3)	12 cm	It depends on MP3 quality.	<ul style="list-style-type: none"> <li>MP3 is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.</li> </ul>
	Video (still picture)	12 cm	It depends on JPEG quality.	<ul style="list-style-type: none"> <li>JPEG is recorded as a Digital Signal with better picture quality over time.</li> </ul>

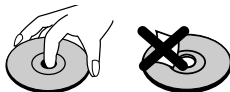
## NOTES ON CD-R AND CD-RW DISCS

- CD-R (Recordable) and CD-RW (Rewritable) discs, recorded by the users, may only be used after finalization process.
- CD-R and CD-RW discs may not be usable, depending on the disc features, recording conditions and damage or dirt on disc. The disc configuration and features are determined by the tool and device used for recording. Therefore, users may face with the following undesired consequences:
  - Some discs may not be read at all.
  - Some discs may cause system crash after playing for a while.
  - Some parts of the disc may be skipped or worked abnormally.
- Compare with the original discs, the time passed for reading a CD-R and CD-RW discs may be longer.

# NOTES ON DISCS

## ***On handling discs***

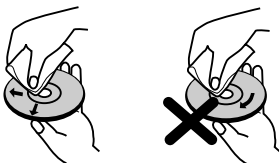
- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.
- If the disc is contaminated with any substance like glue remove before using it.



- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature can rise quickly and damage the disc.
- After playing, store the disc in its case.

## ***On cleaning***

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.



- Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

## ***Discs that should not be used***

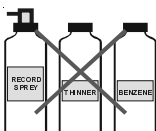
Only the discs including the marks shown on page 7 can be played.

Note, however, that discs with special shapes (heart-shaped discs, hexagonal discs, etc.) cannot be played. Do not attempt to play such discs, as they may damage the player.

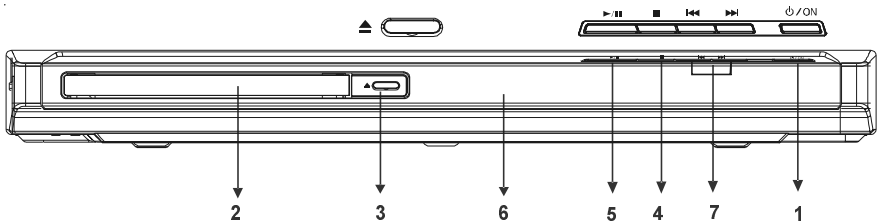







### **NOTE:**

- Do not use record spray or antistatic. Also do not use volatile chemicals such as benzene or thinner.

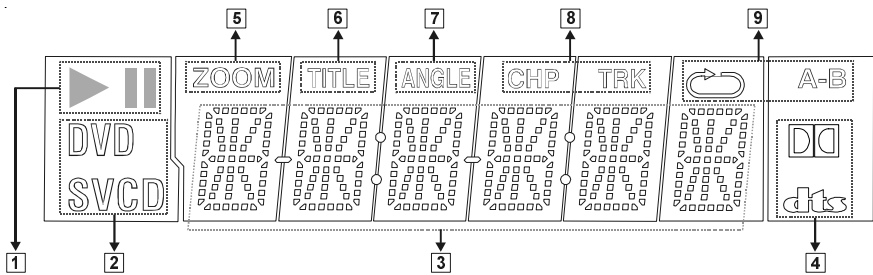


## FRONT PANEL FUNCTIONS



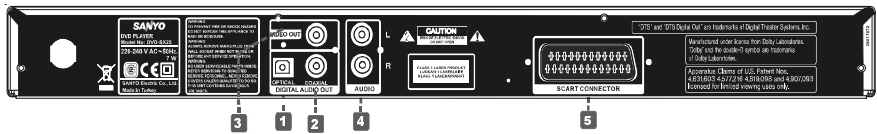
1. **STANDBY button:** Turns the unit on or turns the unit to standby mode.
2. **Disc Tray:** Place a disc on the tray.
3. **OPEN/CLOSE button:** Opens or closes the disc tray.
4. **STOP **: Stops playing the disc.
5. **PLAY/PAUSE  / **: Plays/pauses the disc.
6. **Front Panel Display (VFD):** Indicates the playing time, title, chapter/track, etc.
7. **SKIP  / SKIP ** buttons: Press to go back to the preceding chapter/track or to go to the next chapter/track.

## FRONT PANEL DISPLAY (VFD)



1. Play/Pause
2. Current Disc
3. Time or Title / Chapter / Track Number
4. Dolby Digital / DTS
5. Zoom
6. Title Number
7. Angle
8. Chapter / Track Number
9. Repeat

# REAR PANEL CONNECTIONS



## 1. DIGITAL OUT (OPTICAL) connector

Connects to an audio component using the optical digital connection cord.

## 2. DIGITAL OUT (COAXIAL) connector

Connects to an audio component using the coaxial digital connection cord.

## 3. VIDEO connector

Connects to the video input connectors on the TV.

## 4. AUDIO connectors

Connects to the TV or AV amplifier by using 2 cords (Left, Right).

## 5. SCART connector.

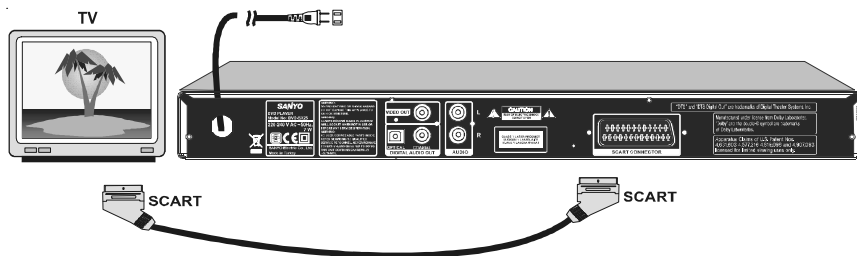
Connects to the scart-input connector on the TV.

## CONNECTION OF YOUR DVD PLAYER WITH TV

Be sure to turn off the power of each component before making the connections.

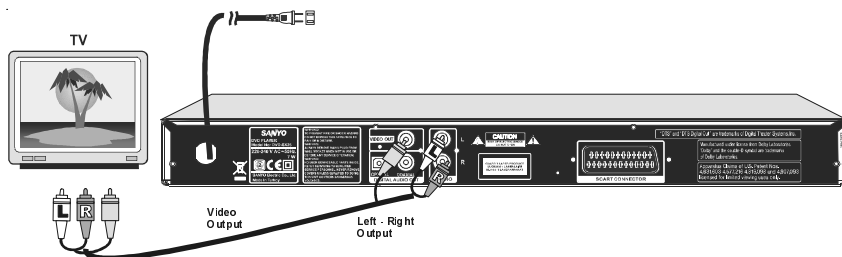
Scart socket:

Connecting your DVD player to TV via scart socket with a scart cable gives you the best picture performance. If your DVD player will not be connected to a hi-fi set or A/V amplifier to hear better sound, scart is enough for both audio & video connections.



## VIDEO & AUDIO OUTPUT SOCKETS

Video (yellow) & Audio (Red: right, White: left) output sockets can be used to connect the DVD player to your TV set via cables. To make this connection, your TV set must have Video & audio input connectors. This type of connection is alternative to scart connection. Picture quality is not as good as Scart connection but audio performance is the same.



Putting into operation:

After making the necessary connections stated above, plug the power cord to the mains socket. Unit will be in standby mode. Press standby to turn on the unit. Open the disc tray with open/close button and insert a playable disc (DVD/VCD/CD). Press open/close button again to close the disc tray and to start operating the player. Player will start playing the disc automatically.

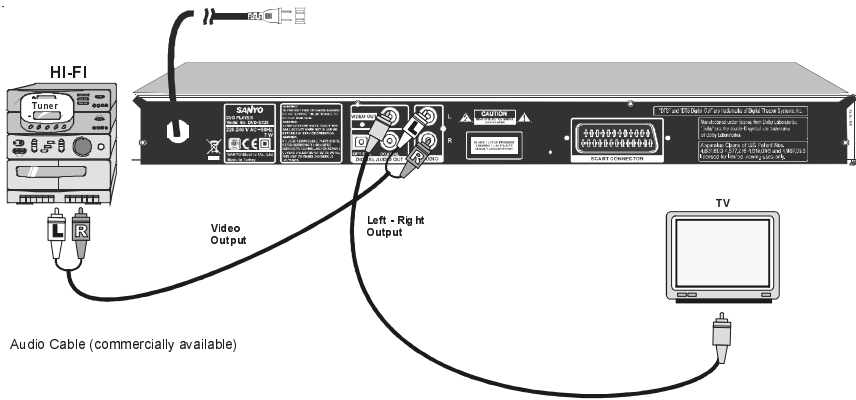


# CONNECTION OF YOUR DVD PLAYER WITH AV AMPLIFIER

Be sure to turn off the power of each component before making the connections.

## Analog Audio Output Sockets:

To get better sound quality, the unit can be connected to a Dolby Prologic amplifier via analog audio left/right outputs.



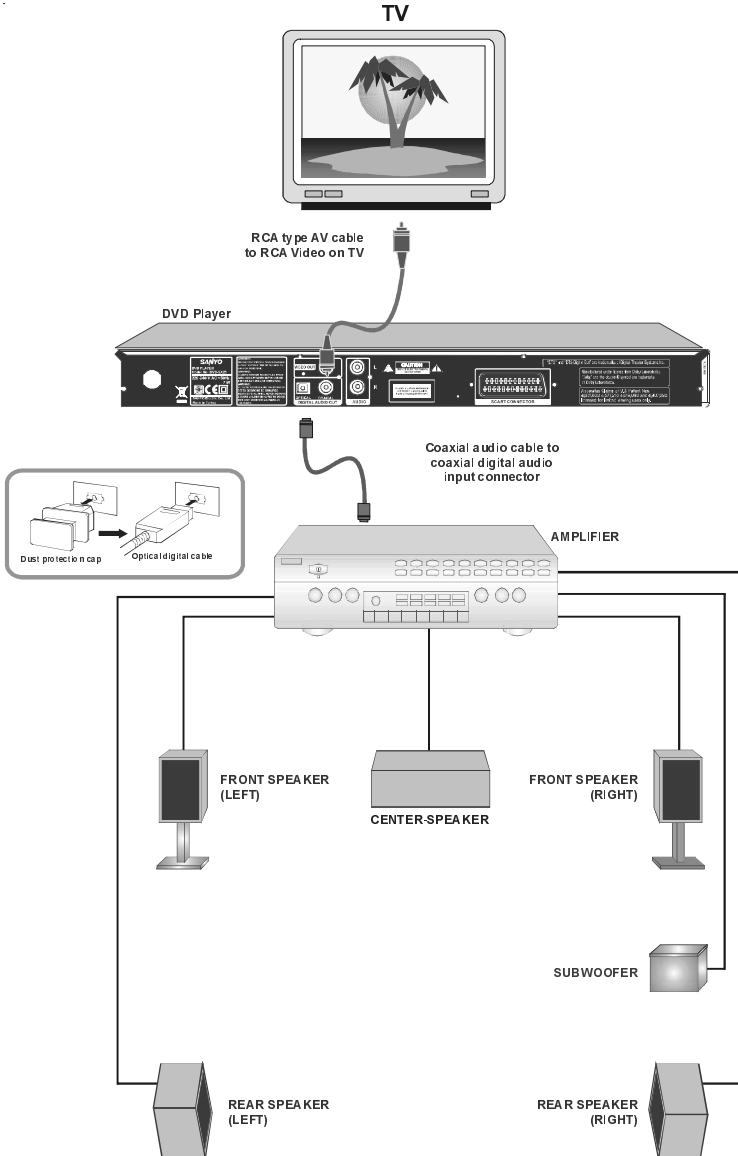
Audio Cable (commercially available)

Video Cable (commercially available)

# DIGITAL AUDIO OUTPUT SOCKETS

## Digital Audio Output Sockets:

For the best sound, the unit can be connected via optical or coaxial digital audio outputs to an AV amplifier with a built-in Dolby Digital decoder. By using 6 speakers, user can enjoy the 5.1 channel surround sound.



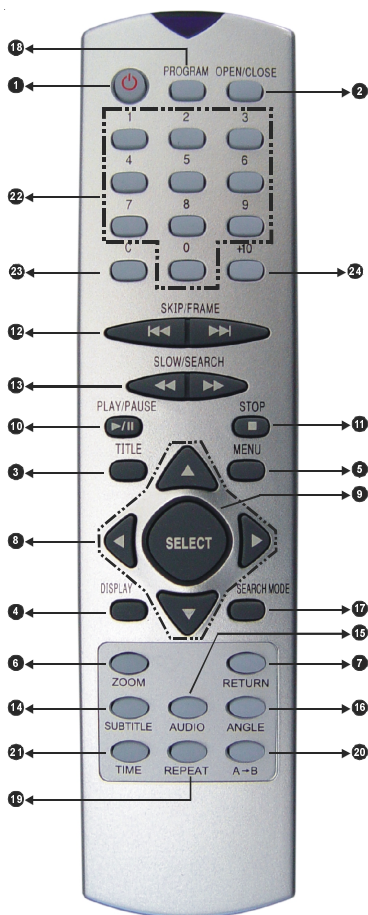
## FITTING BATTERIES IN YOUR REMOTE CONTROL

First open the battery cover under the remote control. Fit both batteries 1.5Volt (R03/AAA) referring to the imprinted symbols (+/-) in the battery case and close the battery cover again.

While using the remote control, direct it towards the front of the DVD player. If the remote control does not work or the chosen function can not be exercised, the batteries are most probably exhausted and they should be replaced as soon as possible. Please use only the leak proof batteries. If you will not be using your remote control for a long time, it is recommended to take out the batteries from your remote control to avoid possible damage from battery leakage and corrosion. Do not leave the remote in an extremely hot or humid place.

Do not dispose of the battery along with household waste. Insert the used batteries at recycle bins in order to protect the environment.

## REMOTE CONTROL FUNCTIONS



## REMOTE CONTROL FUNCTIONS

- 1. STANDBY button:** Turns the unit on or turns the unit to standby mode.
- 2. OPEN/CLOSE button:** Opens or closes the disc tray.
- 3. TITLE button:** Displays the title menu on the TV screen or changes the status of PBC functionality for VCD .
- 4. DISPLAY button:** If pressed during playback of a disc, opens/closes information display otherwise displays setup menu on the TV screen.
- 5. MENU button:** Displays the DVD root menu on screen.
- 6. ZOOM button:** Zooms the picture by 2x, 3x, 4x while playing DVD/VCD. Enter zoom mode for JPEG files.
- 7. RETURN button:** Returns to root menu to the main page in setup menu, or resumes playback from root menu.
- 8. Arrow buttons (◀ / ▶ ▼ / ▲):** Moves to the items or settings.
- 9. SELECT button:** Executes the items or settings.
- 10. PLAY/PAUSE button :** Plays/pauses the disc. For any DVD title that has a root menu with still picture, this button functions as "button select" (selects highlighted item) on the root menu. Otherwise the disc will prohibit "play/pause" button function, and "Ⓞ" symbol will appear.
- 11. STOP button :** Stops playing disc.
- 12. SKIP/FRAME button :** Press to go to the next chapter or track, or to go back to the preceding chapter or track during playback and next frame during pause.
- 13. SEARCH/SLOW button:** Press to adjust the forward and reverse playback speed x2, x4, x8, x16 and x32 times during playback (rapid advance/reverse) and x1/2, x1/4, x1/8, x1/16 times during pause (slow advance).
- 14. SUBTITLE button:** Changes the subtitle language while playing a DVD.
- 15. AUDIO button:** Changes the audio language while playing a DVD.
- 16. ANGLE button:** Changes the angles when playing a DVD.
- 17. SEARCH MODE button:** Press to select the unit for search (title, chapter, track, time etc.)
- 18. PROGRAM button:** Press to enter file list mode to list all the files in the disc. In file list mode, the same type of files can be played back together in repeat modes.
- 19. REPEAT button:** Press to change the current repeating mode.
- 20. A-B button:** Press to execute the A-B repeat play.
- 21. TIME button:** Changes the play time display mode of the disc, title, track, on the OSD and front panel display.
- 22. Number buttons:** Use number buttons to enter track/chapter/title/time/etc. numbers directly.
- 23. C button:** Using this button you can delete the mistyped entries or you can cancel some functions.
- 24. +10 button:** Using this button you can enter the numbers greater than 9.

## DVD PLAYBACK

Press on the standby button of your audio system if the player has been connected to an audio system.

### Basic Play

Press on the standby button

Press OPEN/CLOSE to open the disc tray

Place a disc onto the tray

Press OPEN/CLOSE

5. Press SELECT

The disc tray is closed and play commences.

A menu may appear on the TV screen after a few moments or the film may start immediately. This behaviour depends on the disc content and may change.

**NOTE:** Step 5 is available only when a menu is shown after the disc is inserted.

Press “◀ / ▶ ▼ / ▲” or the number button(s) to select the preferred menu item.

Play of the selected items now starts. The played item may be a film, a still picture or another submenu depending on the disc

**NOTE:** When using menus the behavior of the player is controlled by the disc.

### Stopping Play

To stop the play permanently, press STOP “■” twice. When the STOP “■” button is pressed for the first time, a message “**PRESS PLAY TO CONTINUE**” will appear on the screen to remind you if you want to continue the play. To stop the play, press the STOP “■” button again or you can press SELECT to continue.

### **Stopping play and returning to the menu screen:**

(When a menu is available on the disc)

Press MENU or TITLE button depending on the disc. Play is suspended, and the Disc menu screen is displayed.

### Rapid Advance (Rapid Reverse)

Press SEARCH “◀◀” or SEARCH “▶▶” on the remote control during play.

Normal play is resumed when the PLAY/PAUSE “▶/||” button is pressed.

The speed of advance (FF 2x, FF 4x, FF 8x, FF 16x, FF 32x) or reverse (FR 2x, FR 4x, FR 8x, FR 16x, FR 32x) changes for every press of the FF or FR button.

**Note:** No sound will be heard during Rapid advance or Rapid reverse.

### Skipping Ahead or Back to Chapters

**SKIPPING AHEAD:** Press SKIP “▶▶” on the remote control or on the main unit during play. A chapter is skipped forward each time the button is pressed.

**SKIPPING BACK:** Press SKIP “◀◀” on the remote control or on the main unit during play. When the button is pressed once midway through a chapter, play returns to the previous chapter.

### Still Picture (PAUSE)

Press PLAY/PAUSE “▶/||” once during play.

The screen freezes.

To return to normal play press PLAY/PAUSE “▶/||” again.

### Frame Advance (STEP FORWARD)





Press PLAY/PAUSE “▶/||” once during play.

The screen freezes. Press SKIP “▶▶” on the remote control or on the main unit. The next frame of the movie is displayed. You can press SKIP “▶▶” for the following frames.

**NOTE:** Reverse stepping is not available.

### **Slow-motion Play Forward**

Press PLAY/PAUSE “” once during play.

The screen freezes. Press SEARCH “” on the remote control. The unit starts playing the movie at four different speeds (SF 1/2x, SF 1/4x, SF 1/8x, SF 1/16x). You can increase or decrease the speed of the slow-motion play by pressing SEARCH “” or SEARCH “”. The speed of slow motion play is displayed on the screen each time you change it. To return normal play press PLAY/PAUSE “”

**NOTE:** No sound will be heard during Slow motion play.

**NOTE:** Reverse slow motion play is not available.

### **Direct Selection of Scenes**

#### **Selecting Scenes by Chapter Number**

Press SEARCH MODE on the remote control once during playback.

The title/chapter search box is displayed on the screen. You can see the currently playing and total number of chapters on right hand side of the display bar as / xx. Enter the number of the chapter using number buttons.

The selected chapter is played just after you enter the chapter number.

#### **For your convenience:**

If the chapter number you entered is between 0 and 9, player will automatically jump to the related chapter. To enter a chapter number which is more than 1 digit, press +10 KEY and then enter the chapter number.

You can clear the field by pressing the C button if you enter wrong number.



If you attempt to enter a number greater than the total number of chapters on the current title, the search box disappears and “INVALID INPUT” message is displayed on screen.

If you wait five seconds without pressing any key for selecting scenes by chapter number, the operation is cancelled.

You can press RETURN key to cancel title search.

### **Selecting Scenes by Title Number**

Press SEARCH MODE on the remote control once during playback.

The chapter/title search box is displayed on the screen. You can see the currently playing and total number of titles in left hand side of the display bar as / express “” or “” button on the remote control to select the title field in the search box to change the title.

You can see the currently playing title and total title numbers on the top-left side of the display as / xx. Enter the number of the title using number buttons.

The selected title is played just after you enter the title number.

#### **Selecting Scenes by Time**

You can view the DVD starting from any time point you want.


**BY TITLE TIME:** Press SEARCH MODE on the remote control “twice” during playback. The time search box is displayed on the screen as Title xx/ xx Time: : : . Enter the time using number buttons. The title is played beginning from the desired time just after you enter the time. If not prohibited by the DVD.

**BY CHAPTER TIME:** Press SEARCH MODE on the remote control “three times” during playback. The time search box is displayed on the screen as Chapter xx/xx Time: : : . Enter the time using number buttons. The chapter is played beginning from the desired time just after you enter the time. If not prohibited by the DVD.

#### **For your convenience:**

You can clear the fields by pressing the C button if you enter wrong numbers.

If you attempt to enter a number greater than the total time of the current title for title time search or if you attempt to enter a number greater than the total time of the current chapter for chapter time search, the time search box disappears.

“” “INVALID INPUT” message is displayed on screen.

If you wait five seconds without pressing any key to enter time, selecting scenes by time option is cancelled.

You can press RETURN key to cancel time search.

## **Repeat Play**

Repeat Viewing

Press REPEAT during play.

Each time this button is pressed, a different repeat box is displayed on the screen.

If "⏮ CHAPTER" is displayed, the current chapter will be played again.

If "⏮ TITLE" is displayed, the current title will be played again.

If "⏮ ALL" is displayed, all titles and chapters will be played again.

**NOTE:** Repeat play may be prohibited by some DVD titles.

Repeating two specific points between sections (A-B repeat)

Press A-B during play at the point where repeat play is to commence (A).

"⏮ A" is displayed.

Press A-B again at the point where repeat play is to be concluded (B).

"⏮ AB" is displayed and the repeat play of the selection between points A and B starts. If not prohibited by the DVD.

To return to normal play, press A-B again.

## **Convenient Functions**

Displaying the time information

Press DISPLAY during play.

Some information is displayed on TV screen to indicate the current status of the disc. On the display screen you can find the following information lines:

Line 1: Time Counter Mode

Line 2: Title Number, Chapter Number, Time Counter

Line 3: Audio Number, Audio Format, Number of Output Channels, Audio Language

Line 4: Subtitle Number & Subtitle Language

Time counter modes can be selected by pressing TIME key consecutively.

The sequence for time counter modes is as follows: TITLE ELAPSED, TITLE REMAIN, CHAPTER ELAPSED and CHAPTER REMAIN




The displayed time counter information is changed with the change of time counter mode. To return to normal play; press DISPLAY key again. Display menu screen is closed.

**NOTE:** You can open/close information display by pressing DISPLAY key during play. If you press DISPLAY key during stop, Setup menu is displayed.

Displaying a scene with a larger and closer view

This 'zoom in' function enables you to take a closer look at the scene you are viewing that is especially an impressive function when you are seeing science fiction or adventure film.

Press ZOOM during play.


" 2 x" is displayed on the screen and the picture is now larger. By pressing ZOOM key consecutively you can reach " 3x", " 4x" modes.

**NOTE:** You can move in the picture i.e. change the zoomed location by using the "◀ / ▶ ▼ / ▲" arrow keys.

To return to normal play; press ZOOM again.

### **Displaying / Changing Subtitle Language**

It is possible to change the subtitle language from the one selected at the initial settings to a different language, if available. (This operation works only with discs on which multiple subtitle languages are recorded.) Press SUBTITLE during play.

When no subtitles are recorded “” will be displayed instead of the selected language. Press SUBTITLE a number of times until the preferred language is selected. When this button is pressed once, the first subtitle recorded on the disc will display. The rest of the subtitles recorded will display in sequence for every press of the SUBTITLE button.

#### **NOTE:**

In some cases, the subtitle language is not changed immediately to the selected one.

#### **For your convenience:**

When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.

When the player is restarted or the disc is changed, the subtitle selection is automatically changed back to the initial settings.

If a language is selected, which is not supported by the disc, the subtitle language will automatically be the disc's priority language.

Usually a circulation will happen while switching to another language, that is you can cancel the subtitle by pressing this button a number of times until “Subtitle Off” appears on the screen.

### **Changing Audio Soundtrack Language**

It is possible to change the audio language from the one selected at the initial settings to a different language, if available.

(This operation works only with discs on which multiple audio soundtrack languages are recorded, if not prohibited by the DVD.)

Press AUDIO during play.

Press AUDIO a number of times until the preferred language is selected.

When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.


When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.

### **Viewing from another Angle**

Some DVD discs may contain scenes, which have been shot simultaneously from a number of different angles. For these discs, the same scenes can be viewed from each of these different angles using the ANGLE button.

The number of recorded angles differs depending on the disc used.



“ y/x” is displayed shortly on the screen during playback. This indicates that the multi-angle scene has just started. Also on unit's display ‘ANGLE’ message appears. From that moment on, the yth angle of total x angles is played and you can change the viewing angle until the end of the multi-angle scene.

!In SETUP menu, an ‘ANGLE MARK’ option exists, which, if enabled will display a continuous angle mark on the screen as long as multi-angle scene is available.

Press ANGLE during play. The current angle is changed.

Press ANGLE a number of times until the preferred viewing angle is selected.

!This function will only work on discs where different angles have been recorded.



## USING A DVD MENU

Some DVD discs have unique menu structures called DVD menus. For example, DVDs programmed with complex contents provide guide menus, and those recorded with various languages provide menus for audio and subtitle language. Although the DVD menus' contents and operation differ from disc to disc, the following explains basic operation when this feature is used.

Press TITLE or MENU on the remote control.

The DVD menu available on the disc is now displayed.

**NOTE:** If you press MENU, the root menu of DVD is displayed. If you press TITLE, the menu of the current title is displayed.

Press “◀ / ▶ ▼ / ▲” to select the preferred item. Press SELECT; the selected item is now executed.

For your convenience: You can also use number keys to select a DVD menu item. The player will automatically execute the item. To enter an item number which is more than 1 digit, press +10 key and then enter the item number.

**NOTE:** Some DVDs may not contain root and/or title menus.

**NOTE:** To resume the playback, select PLAY item in DVD menu.

## VIDEO CD PLAYBACK

Press on the power button of your audio system if the player has been connected to an audio system.

### **Basic Play**

Press on the standby button

Press OPEN/CLOSE to open the disc tray

Place a disc onto the tray

Press OPEN/CLOSE

For Video CDs without playback control: The disc tray is closed and play commences

For Video CDs provided with playback control: A menu screen will appear on the screen after a few moments.

**Menu Play:** This function works only with video CDs with playback control (version 2.0) Follow the instructions on the menu screen for interactive operations. The details differ depending on the disc concerned. Also refer to the instructions accompanying the disc.





After the same steps above, the menus are displayed on the TV screen; the player now starts to play the selected item.

**NOTE:** Use +10 button to enter two-digit-numbers. “◀ / ▶ ▼ / ▲” arrow buttons are not used for selecting items for video CDs.



What is playback control?


If a video CD has “playback control” written on the jacket of disc, it means that particular scenes or information can be selected for viewing interactive with TV screen using the menu screen.



### **Stopping Play**

To stop the play permanently, press STOP “” twice. When the STOP “” button is pressed for the first time, a message “PRESS PLAY KEY TO CONTINUE” will appear on the screen to remind you if you want to continue the play. To stop the play, press the STOP “” button again or you can press PLAY/PAUSE “/” to continue.

### **Rapid Advance (Rapid Reverse)**


Press SEARCH “” or SEARCH “” on the remote control during play.


Normal play is resumed when the PLAY/PAUSE “/” button is pressed.

The speed of advance (FF 2x, FF 4x, FF 8x, FF 16x, FF 32x) or reverse (FR 2x, FR 4x, FR 8x, FR 16x, FR 32x) changes for every press of the SEARCH “” or SEARCH “” button.

**NOTE:** No sound will be heard during Rapid advance or Rapid reverse.


### **Skipping Ahead or Back to Chapters**

**SKIPPING AHEAD:** Press SKIP “” on the remote control or on the main unit during play. A track is skipped each time the button is pressed.

**SKIPPING BACK:** Press SKIP “” on the remote control or on the main unit during play. When the button is pressed once midway through a track, play returns to the start of previous track. When it is pressed again, a track is skipped.


### **Still Picture (PAUSE)**

Press PLAY/PAUSE “/” once during play. The screen freezes.

To return to normal play press PLAY/PAUSE “/” again.

### **Frame Advance (STEP Forward)**

Press PLAY/PAUSE “/” once during play. The screen freezes.

Press SKIP “” on the remote control or on the main unit. The next frame of the movie is displayed.




You can press SKIP “” for the following frames.

**NOTE:** Reverse stepping is not available.

### **Slow-motion Play Forward**

Press PLAY/PAUSE “/” once during play.

The screen freezes. Press SEARCH “” on the remote control.

You can increase or decrease the speed of the slow-motion play by pressing “” or SEARCH “”. There are 4 slow motion modes as 1/16x, 1/8x, 1/4x, 1/2x. The speed of slow motion play is displayed on the screen each time you change it. To return normal play press PLAY/PAUSE “/” again.

**NOTE:** No sound will be heard during Slow motion play.

**NOTE:** Reverse slow motion play is not available.

## **Direct Selection of Scenes**

### **Selecting Scenes by Time**

You can view the video CD, starting from any time point you want.

Press SEARCH MODE on the remote control one time during playback.

The time search box is displayed on the screen as SELECT TRACK: /

Player goes to entered track of the disc.

Press SEARCH MODE on the remote control two times during playback.

The time search box is displayed on the screen as DISC GOTO: : :

Player goes to entered time of the disc.


Press SEARCH MODE on the remote control three times during playback.

The time search box is displayed on the screen as TRACK GOTO: : :

Player goes to entered time of the current track.

Enter the time using number buttons.


The title is played beginning from the desired time just after you enter the time.

If you attempt to enter a number greater than the total time of the current title, the time search box disappears and “” INPUT INVALID message appears on up-left corner of screen.

If you give up entering the time simply press RETURN button, and the operation is cancelled.

### **Accessing tracks using number buttons:**

You can play any track you want, just by pressing the corresponding number button. For the track numbers which are greater than “9” use +10 button. Press this button once and then type the two digit track number.


If you attempt to enter a number greater than the total number of tracks on disc, “” INPUT INVALID” message is displayed on the screen.


### **Repeat Play**

Repeat Viewing

Press REPEAT during play.

Each time this button is pressed, a different repeat box is displayed on the screen.

If “All” is displayed, the whole disc will be played again.

If “Track” is displayed, the current track will be played again.


Repeating two specific points between sections.

(A B repeat)

Press A-B during play at the point where repeat play is to commence (A).

“A” is displayed on screen.

Press A-B again at the point where repeat play is to be concluded (B).

“Ab” is displayed and the repeat-play of the selection between points A and b starts.

To return to normal play; press A-b again. A-b Repeat is disabled.

## Convenient Functions

### Displaying the time information

Press TIME during play.

Each time this button is pressed, a different time information box is displayed on the screen.

If "Single elapsed" is displayed, the VFD display on the unit shows the elapsed time for the title which is being played.

If "Single remain" is displayed, the VFD display on the unit shows the remaining time for the title which is being played.


**NOTE:** If PBC feature is set to OFF then two other time information modes are also available which are "Total elapsed" and "Total remain". PBC feature can be set to ON or OFF by pressing TITLE key during VCD playback.

**NOTE:** You can open/close information display by pressing DISPLAY key during play. If you press DISPLAY key during stop, Setup menu is displayed.

Displaying a scene with a larger and closer view

This 'zoom-in' function enables you to take a closer look at the scene you are viewing that is especially an impressive function when you are watching science fiction or adventure film.

Press ZOOM during play.

 "2x" is displayed on the screen and the picture is now larger. By pressing ZOOM key consecutively you can reach "3x", "4x" modes.

**NOTE:** You can move in the picture i.e. change the zoomed location by using the "◀ / ▶ ▼ / ▲" arrow keys.

To return to normal play; press ZOOM again.

## CD MENU

CD Menu is used to display the directory structure of data discs which would contain files such as JPEG/MPEG/MP3 and to display the tracks of Audio CDs.

### Basic Play

Press on the STANDBY

Press OPEN/CLOSE to open the disc tray

Place a CD-R disc onto the tray

Press OPEN/CLOSE to close the disc tray

"Loading" message appears on screen. Please wait for a moment.

CD MENU appears. Directories and the files in the root directory are listed. (For Audio CD, the tracks are listed).

5. Press "▼ / ▲" to select files or directories

In the stop mode or while playing MP3 the user can navigate in the current directory.

6. Press SELECT, "◀ / ▶" to switch between directories & files

If a directory is selected and SELECT or "▶" key is pressed then the selected directory content is displayed after reading directory.

To switch from a sub directory to an up directory, press SELECT or "▶" key while the top-most option in the directory ("...") is selected or press "◀" key.

7. Press SELECT on a file to play

**MP3/MPEG File:** Selected MP3/MPEG file starts to play.

Elapsed or Remaining Time can be displayed using DISPLAY key and can be changed using TIME key.

**JPEG File:** Selected JPEG is displayed in full screen.

Slide Show starts automatically.

**Audio CD Track:** Elapsed or Remaining Time can be displayed using DISPLAY key and can be changed using TIME key.

## PAUSE

Press PLAY/PAUSE “▶/⏸” once during play.

The play freezes. PAUSE message appears on screen.

To return to normal play press PLAY/PAUSE “▶/⏸” again.

## **Stopping Play**

Press STOP “■”, the play is stopped.

**NOTE:** If a JPEG file is displayed, pressing MENU also stops the play.

**MPEG/JPEG :**CD MENU is displayed.

## Rapid Advance (Rapid Reverse)

### **MP3/MPEG/Audio CD Track:**

Press SKIP “◀◀ / ▶▶” during play to decrease/increase play speed.

FR 32x, FR 16x, FR 8x, FR 4x, FR 2x, PLAY, FF 2x, FF 4x, FF 8x, FF 16x, FF 32x are the play speed modes.

**NOTE:** No sound will be heard during Rapid advance or Rapid reverse.

## Skipping Ahead or Back to Tracks

Press SKIP “◀◀ / ▶▶” during play to jump to the previous/next file.

Next file in the current directory will be played. Press SKIP “◀◀ / ▶▶” during stop mode to jump to the previous/next page of the current directory.

## ZOOM

**MPEG :**This ‘zoom in’ function enables you to take a closer look at the scene you are viewing that is especially an impressive function when you are seeing science fiction or adventure film.

Press ZOOM during play.



“2x” is displayed on the screen and the picture is now larger. By pressing ZOOM key consecutively you can reach “3x”, “4x” modes.

**NOTE:** You can move in the picture i.e. change the zoomed location by using the “◀ / ▶ ▼ / ▲” arrow keys.

To return to normal play; press ZOOM again.

**JPEG:** Press PLAY (▶) to start slide show. It is provided both ZOOM in/out and Zoom pan functions for JPEG pictures.

Press ZOOM to turn on/off this function

When this mode is on, a message will indicate the current ratio on screen.

If zoom mode is on,

Press FR/FF to control the ratio of zoom in/out.

The zoom ratios are %50 and %75 for zoom out and %100, %125, %150 and %200 for zoom in. (The order is: %50, %75, %100, %125, %150, %200)(The initial ratio is %100)

With ZOOM mode off, a picture is scaled to fit the whole screen.

**NOTE:** Slide Show is disabled when the ZOOM mode is on.

## REPEAT

Press REPEAT to change current repeat mode

In CD MENU it is displayed at the bottom.

The options available are:

**FOLDER:** When this mode is selected, the current folder will be played once.

**SINGLE:** When this mode is selected, the current track will be played once.

**REPEAT ONE:** When this mode is selected, the current track will be repeated continuously.

**REPEAT FOLDER:** When this mode is selected, the current folder will be repeated continuously.

Repeating two specific points between sections.

## SETUP MENU


### (A –B repeat)

#### MP3 & Audio CD Track:

Press A-B during play at the point where repeat play is to commence (A).

“A” is displayed on screen.

Press A-B again at the point where repeat play is to be concluded (B).

“AB” is displayed and the repeat-play of the selection between points A and B starts.

To return to normal play; press A-b again. A-b Repeat is disabled.

**NOTE:** A-B Repeat is not available for MPEG.

#### Display Function

Press TIME to change displayed time mode

There are two time modes:

Single Elapsed

Single Remain

Time is displayed during MP3, MPEG and Audio CD track playback.

**NOTE:** You can open/close information display by pressing DISPLAY key during play. If you press DISPLAY key during stop, Setup menu is displayed.

#### File List Function

Press PROGRAM to select file list mode

All the files in the disc are listed.

The same types of files in the list are played together sequentially.


If a MP3 file is selected to play then all the MP3 files in the list are played sequentially.

If a MPEG file is selected to play then all the MPEG files in the list are played sequentially.

If a JPEG file is selected to display then all the JPEG files in the list are displayed sequentially.

To stop the playback of the files:

If a MP3/MPEG file is played; press STOP “”

If a JPEG file is displayed; press MENU or STOP “”

Press PROGRAM to quit file list mode.

Press DISPLAY key on the remote control when the player is not in playback mode. The setup menu-main page appears. To close the setup menu, press DISPLAY key.

#### MAIN PAGE

In the main page, the first page is selected by default.

Select pages using “◀ / ▶” arrow buttons.

When selected, the page name will be highlighted and the items of the selected page will be displayed.

Press SELECT or “▼” arrow button to enter selected page.

When entered a page, the first item of the page is selected and the sub-items of that item are listed on the right.

**NOTE:** To return to main page, press “◀” arrow button. To close the setup menu, press DISPLAY.

## USING PAGES

When entered a page, the first item of the page is selected by default and the sub-items of the selected item are listed on the right.

Use "▼ / ▲" arrow buttons to change the selected item in the page.

The sub-items of the selected item are listed on the right.

Use SELECT or "▶" right arrow button to select the sub-items of the selected item.

The sub-item is selected on the right menu.

Press "▼ / ▲" arrow buttons, to change the selected sub-item.

Press SELECT to choose the selected sub-item on the right menu.

### **PAGE ITEMS**

### **VIDEO SETUP PAGE**

#### **TV DISPLAY:**

The aspect ratio of the picture provided by the DVD player can be varied in line with the features available on the TV in use.

The options available are:

#### **NORMAL / Ps (4x3 Pan & Scan):**

Allows you to see the movie fill the entire screen of your TV, but not the right and left edges. This type of picture can only be viewed, if it is contained on the disc.



#### **NORMAL / Lb (4x3 Letterbox):**

Allows you to see movies in their original aspect ratio. You will see the entire frame of the movie, but it will occupy a smaller portion of the screen.



#### **WIDE (Wide screen 16x9):**

Choose this setting if your DVD player is connected to a wide-screen TV.

Please Note: Depending on the format of the DVD disc. (eg. 2.35:1) the picture may still have black lines above and below this picture.



#### **TV TYPE:**

The video standard of the DVD player output can be selected from 'Multi', 'Ntsc' or 'Pal'.

If 'Multi' is selected, the output standard will be either Ntsc or Pal depending on the DVD being played.

If 'Pal' is selected, the video output will be converted to Pal standard irrespective of disc standard.

## LANGUAGE SETUP

**OSD LANG:** You can select the default OSD language of the player menus.

**AUDIO:** You can select the default audio language if supported by that DVD disc.

**DISC MENU:** You can select the DVD's disc menu language among these languages. Disc menu appears in the selected language, if supported by that DVD disc.

### **SUBTITLE:**

You can select the default subtitle language if supported by that DVD disc.

## **PREFERENCES**

**ANGLE MARK:** This option allows you to turn on/off the angle mark on the screen, which is displayed to indicate that a multi angle scene has started. It also shows which angle you are currently watching.

**STANDBY TIME:** Standby activation time can be adjusted or standby can be disabled using this option. If one of the time options is selected, standby is activated, whenever no key is pressed for the selected time duration in stop mode.

**DEFAULT:** If you choose RESET and press SELECT, the factory-presets are loaded. After factory reset, password and parental level does not change.

**DOWNMIX:** This mode allows the DVD player analog audio outputs to be matched to the features available on the TV in use. Analog audio outputs can be selected as:

**SURROUND:** Surround sound output.

**STEREO:** Two channels stereo. Use this option if you have a stereo TV or a stereo HI-FI system.

**NOTE:** It is not possible to connect speakers directly to this DVD player; an AV amplifier must be used.

### **PARENTAL (Parental Level):**

Playing some DVDs can be limited depending on the age of users. The "Parental Control" function allows playback limitation level to be set by the parent.

Parental Level can be adjusted to one of the eight levels. Level "8 ADULT" adjustment let you watch all of the DVD titles ignoring the DVD disc's parental level. You can watch the DVD discs, which has the same or lower parental level than the player's level only.

### **PASSWORD (Change Password):**

Using this item you can change the current password.

To change the password you will be prompted to enter your old password. After you have entered your old password, you can now enter the new 4-digit password, two times

You can use C key to delete the incorrect entry.

**Note:** Factory preset of the password is "0000". You have to enter XXXX digital password every time you want to change the parental level. If you forget your password please contact technical service.



## TROUBLESHOOTING

### **The picture quality is poor (DVD)**

- Make sure the DVD disc surface is not damaged. (Scratch, fingerprint etc.)
- Clean the DVD disc and try again.
- Ensure that the DVD disc is in the drawer with the label uppermost.
- A damp DVD disc or condensation may effect the equipment. Wait for 1 to 2 hours in Stand-by to dry the equipment.

### **Disc does not play**

- No disc in the machine.
  - Place a disc onto the tray.
- Disc incorrectly loaded.
  - Ensure that the DVD disc is in the drawer with the label uppermost.
- Wrong type of disc. The machine cannot play CD-ROMs etc.
  - Use disc in supported formats.
- The region code of the DVD must match the one of the player.

### **Wrong OSD language**

- Select the language in the set-up menu.

### **The language for the sound or subtitles on a DVD cannot be changed.**

- Multilingual sound and/or subtitles not recorded on the DVD.
- Try to change the sound or subtitles using DVD's title menu. Some DVD's do not allow the user to change these settings without using the disc's menu

### **Some functions (Angle, Zoom etc) do not work**

- These functions are not available on the DVD.
- Angle can only be changed when the angle symbol is displayed.

### **No picture**

- Check that the player is connected to TV properly and that all connections between the DVD player and other attached equipment are secure.
- Have you pressed the correct buttons on the remote control? Try once more.

### **No sound**

- Check the volume is set to an audible level.
- Make sure you have not switched the sound off accidentally.

### **Distorted sound**

- Check that the appropriate listening level setting is correct.

### **No response from remote control**

- Make sure the remote control is in the correct mode.
- Check batteries are fitted correctly.
- Change the batteries.

### **If nothing works**

If you have tried the above solutions and none seem to work, try switching your DVD off and on again. If this does not work, contact your supplier or DVD repair technician. **Never attempt to repair a defective DVD yourself.**

# SPECIFICATIONS

## DVD / VIDEO CD / CD player

Power Requirements	220 - 240V AC ~ 50 Hz Max.7 Watt
Types of Discs Supported	<b>DVD</b> : SS/SL 4.7" (DVD-5) SS/DL 4.7" (DVD-9) DS/SL 4.7" (DVD-10) DS/DL 4.7" (DVD-18) <b>VCD/SVCD</b> <b>CD</b> <b>CD-R</b> <b>CD-RW</b> <b>MP3 /MPEG</b> <b>JPEG</b>
Video Type	MPEG-2 Video Standard Decoding (MPEG-1 supported) Full-Screen Video Display of 720 x 576 (PAL) & 720 x 480 (NTSC) pixels 50 and 60 Hz frame refresh rates (PAL & NTSC) Digital bit-stream processing rate up to 108Mbits/sec Line resolution more than 500 lines 1Vpp @ 75W (loaded) -1Vpp @ 75ohm (loaded)
Video Output	Analog Video: (With using 6 x 10-bits / 27MHz video DACs) CVBS: PAL / NTSC (Negative synchronised ), RGB + CVBS : Through Full Euroscart Output (Pin-8 Control)
Audio Type	Dolby Digital Decoding MPEG Multichannel Decoding LPCM DTS Digital Out
Audio Output	Digital Audio Outputs: IEC 958 TOSLINK  Analog Outputs: 24 Bit/ 96, 48, 44.1 kHz down-sampling DAC  2 RCA jack outputs (Left / Right) Left / Right audio outputs of Full Euroscart
Dimensions	420 mm(W) x270 mm(D) x 45 mm(H)



Your SANYO product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please help us to conserve the environment we live in!

## **GUARANTEE TO CUSTOMER**

Sanyo Europe Ltd. (the Company) guarantees to the initial retail purchaser that if this equipment is or becomes defective and that, in the opinion of the Company, the defect is due to faulty material or workmanship the Company will, for a period of 12 calendar months from the date of sale to the original purchaser repair or replace, at its sole option, free of charge, any such defective component part of the equipment, always provided that: -

1. The equipment has at all times been used in accordance with the operating instructions issued by the Company, and has not been connected to an electrical mains supply for which it has not been adjusted.
2. Accidental damage, or damage caused by negligence or misuse by the user, including leakage from exhausted batteries, is specifically excluded.
3. Unauthorised repairs, or any modification to the equipment which has not been expressly approved by the Company, shall render this guarantee null and void.
4. Failure due to fair wear and tear of any item, such as batteries, record playing styli, and tape recording, playback and erase heads is specifically excluded.

This guarantee is not transferable and is only applicable within the United Kingdom (and the Republic of Ireland). Nothing in this express guarantee affects the statutory rights available to the purchaser of this equipment.

Note: This guarantee supersedes any other form of guarantee that may inadvertently have been enclosed with or attached to the product. (August 1978).

*Dear Customer*

Thank you for buying Sanyo. This equipment should give you many years of pleasure and faithful service but in the event that a fault occurs, the following notes for your guidance may be helpful:-

1. PLEASE RETAIN YOUR PURCHASE RECEIPT WHICH WILL BE REQUIRED FOR SERVICE DURING GUARANTEE.
2. If your Sanyo equipment proves faulty during the period of guarantee, take it or send it back to the dealer who originally supplied it together with this guarantee and the proof of purchase. We have made arrangements with our approved dealers under which they will carry out in-guarantee service repairs on our behalf. In this way, we hope to reduce to a minimum the amount of time you will be without your equipment.
3. If for some reason it is impossible to return the equipment to the original supplies, please contact our Consumer Relations Department at the address below for further advice.
4. Should the equipment require servicing after the expiry of the guarantee period, take or send it to the original supplier or any other Sanyo dealer. He will be pleased to give you a quotation for the repair. If you are in any doubt about what to do, write to us at the address below or telephone:

Consumer Relations Department,  
Sanyo Europe Ltd.,  
18 Colonial Way, Watford  
WD24 4PT  
Tel: Watford 246363

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**SANYO**

SANYO Electric Co., Ltd.