



# DVD PLAYER

## USER'S MANUAL

PLEASE READ THIS USER'S MANUAL  
THOROUGHLY BEFORE OPERATING



SC-31

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# 1. CAUTION AND SAFETY INSTRUCTIONS

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



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



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 products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Laser product symbol: located on the rear panel of the unit, indicate this player is a class 1 laser product, LASER RADIATION DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS

1. Read through this instruction manual before installation and use.
2. Do not touch the power plug with wet hand.
3. Switch off the main power when the unit is not in use. (Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.) Before moving the unit, remove the disc from the unit/ tray first.
4. Do not open the cover or touch any of the components exposed out of the unit, only for qualified technicians.
5. Do not expose the unit under direct sunlight or nearby objects that radiate heat to avoid damage the unit.
6. Do not place the unit in moist and humid conditions, which effect the pick-up of the unit lead to out of work.
7. Place the unit on a flat surface and ventilate condition. Please ensure the ventilation holes are not covered to avoid overheating and malfunction.
8. Clear the panel and case with soft dry cloth only, do not apply any kind of thinner, alcohol or sprays.
9. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus
10. Unplug the apparatus when not using for a long time oriented to disconnect from the Mains power
11. No naked flame sources, such as lighted candles, should not be placed on the apparatus.
12. Make sure there is free circulation of air (do not place the device on shelves, on a thick carpet, on a bed, or anywhere that obstructs the ventilation slots, and leave at least 10cm clearance on all sides.

13. The apparatus shall not be exposed to dripping or splashing.
14. The mains plug is used as the disconnect device, the disconnect device shall remain readily operable. If the electric cable is damaged, it must be replaced by the manufacturer, or by the qualification persons, in order to avoid a danger.

## **2. PRECAUTIONS**

Before using this unit, be sure to read the applicable items of the operating instructions and these safety suggestions carefully.

Afterwards keep them handy for future reference.

Take special care to follow the warnings indicated on the unit itself as well as in the operating instructions.

### **Safety**

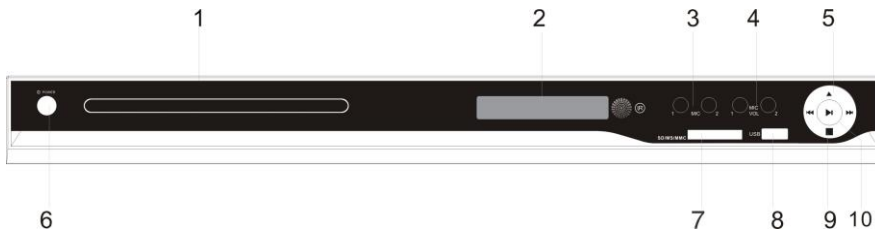
**Power Source-**The unit should be connected to power supply only of the type described in the operating instructions or as marked on the unit.

### **Environment**

1. Water and moisture do not use this unit near water.  
For example, near a bathtub, wash bowl, swimming pool, or the like, Damp basements should also be avoided.
2. Condensation-moisture may form on the lens in the following conditions.  
Immediately after a heater has been turned on.  
In a steamy or very humid room.  
When the unit is suddenly moved from a cold environment to a warm one, if moisture forms inside this unit, it may not operate properly, to correct this problem wait about one hour for the moisture to evaporate.
3. Heat never use or place this unit near a heat source.  
Do not leave it in an automobile exposed to direct sun light for a long time with the doors and windows closed as this may deform the cabinet.
4. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
5. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

## 3. SYSTEM ELEMENTS

### 3.1 Front panel



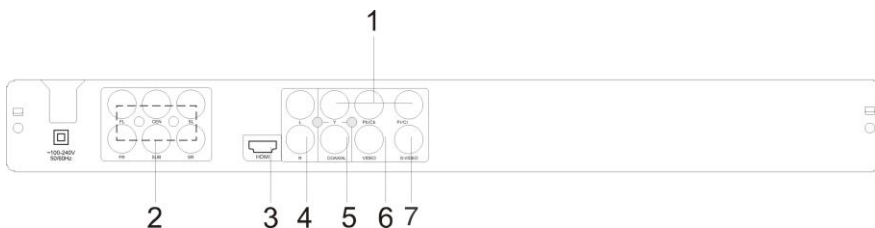
1. DISC TRAY: lace disc in the tray carefully, with the label facing upwards.
2. LED DISPLAY
3. MIC 1/2
4. MIC VOL1/2
5. OPEN/CLOSE: Opens or closes the disc tray
6. POWER: Power On/Off
7. SD/MMC/MS
8. USB: USB Host port
9. STOP
10. PLAY/PAUSE: play and pause

\*Even when the POWER switch is set to Off, the product is not totally disconnected from the power supply.

#### **NOTE: Playing USB/CARD files**

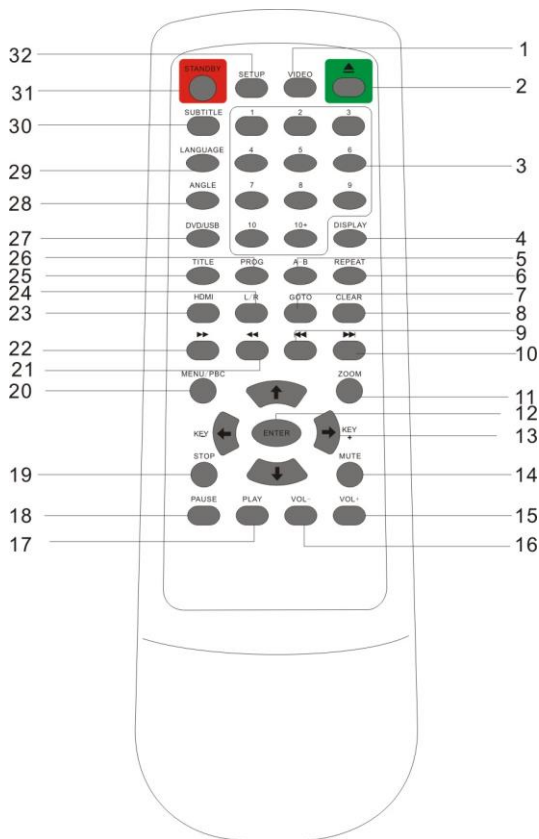
1. Power on you DVD PLAYER
2. Make sure that the tray has no disc in it;
3. Insert you moveable memorizer into USB connector or 3-in-1 card reader (support SD/MMC/MS) on your DVD player, Press on the remote DVD / USB to select you want to play..
4. If you want to stop, you can take it out straight away.

### 3.2 Back panel



1. YUV COMPONENT VIDEO OUTPUT
2. 5.1CH AUDIO OUTPUT
3. HDMI OUTPUT
4. L/R AUDIO OUTPUT
5. DIGITAL SIGNAL COAXIAL OUTPUT
6. COMPOSITE VIDEO OUTPUT
7. S-VIDEO OUTPUT

### 3.3 Remote control



1. VIDEO
2. OPEN/CLOSE
3. Numeric button
4. DISPLAY
5. REPEAT A-B
6. REPEAT
7. GOTO
8. CLEAR
- 9/10. PREV/NEXT
11. ZOOM
12. ENTER
13. LEFT/RITHT,UP/  
DOWN button  
ECHO+/-
14. MUTE
- 15/16. VOL+/-
- 17/18. PLAY/PAUSE
19. STOP
20. MENU/PBC
- 21/22. FWD/REV
23. HDMI
24. L/R
25. TITLE
26. PROGRAM
27. DVD/USB
28. ANGLE
29. LANGUAGE
30. SUBTITLE/  
CD RIPPING
31. STANDBY
32. SETUP

1. Do not expose the remote control handset to high temperatures, e.g. by leaving it in direct sunlight.
2. Never allow foreign bodies, and in particular metal objects, to enter the battery compartment.
3. The player's infrared sensor may be unable to receive signals from the remote control handset if it is directly exposed to sunlight or strong artificial lighting.
4. To prevent any risk of leakage or corrosion, remove the batteries from the remote control unit if you do not intend to use it for an extended period.

**Important note:**

When replacing the batteries, always dispose of the used batteries in accordance with applicable regulations. Take them to a battery disposal point, so that they can be recycled safely without damaging the environment.

## 4. CONNECTIONS

Before connecting, make sure to turn off power of all apparatus.

After finishing connection, turn on the power again.

Wires must be connected properly, depended on the silkscreen on the rear panel. Especially the play shall be fully inserted.

Warning:

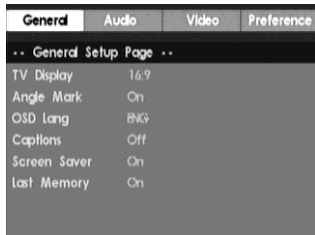
Do not connect any amplifier with coaxial connector that does not contain Dolby digital AC 3 or DTS decoder. Any attempt to do so and play of DVD disc will result in damaging your speakers and causing possible hearing injury. Other than DVD disc, VCD and CD can be operated normally without conforming to the above restriction.

Setting of TV system

If you find the image like non-fully zoomed picture, brim picture covered or black & white picture etc, please select PAL or NTSC by systems setting or press N/P button to switch the TV system on the remote control. This DVD disc is capable of supporting different scales picture, as a result, non-full zoomed picture could appear or picture be partially covered on user's TV set.

## 5. FUNCTION OPTIONS

You can use the player's setup menu to configure its functions and preferences.



Press the SETUP button to enter the setup menu.

① Main menu:

Use the left and right arrow (◀ / ▶) buttons to move the cursor to highlight the header of the main menu's submenu.

② Submenu:

Press PLAY to enter the submenu. Pressing the ◀ button exits the submenu and returns you to the main menu. Press the ▲ /▼ buttons to browse the various submenu options.

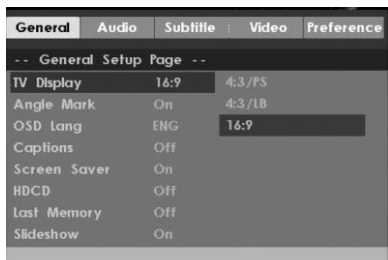
③ Option menu:

Select the option that you want to configure and then press PLAY or ▶ to enter the option's setup menu. Use the▲ /▼buttons to select the required setting and then press PLAY to enable it. Pressing ◀ returns you to the submenu..

## 5.1 General Setup Page

### TV Display

- **4:3/PS:** Pan & scan. Wide-screen images will be shown on 4:3 TV screen in full height with the left and right edges cut off.



- **4:3/LB:** Letter box. Wide-screen images will be shown on 4:3 TV screen in full width with black bands at the top and bottom.

- **16:9:** Select when the unit is connected to a wide-screen TV, the 4:3 images will be shown in full-screen with 16:9 ratio.

*Note: The image aspect ratio is preset on the DVD disc. Therefore the playback picture of some DVD discs may not conform to the option you select.*

**Angle Mark:** Some DVDs include scenes recorded from different angles. This selection can show the marking automatically at the top right corner on screen.

**OSD Lang:** On-screen display language. You can select the desired language for setup menu and on-screen messages.

**Captions:** This selection can display or hide the closed captions.

*Note: This function can only be used for DVD disc with closed caption. Closed captions are designed to aid the hearing impaired.*

**Screen Saver:** When disc/media file playback is stopped and there is not any operation on unit or remote for 5 minutes, the screen will change to black with a moving DVD logo. The screen saver prevents damage on your TV caused by leaving a still image on the screen for a long time.

**HDCD:** User can setup the HDCD filter.

- Off
- 1X: 1X oversampling.
- 2X: 2X oversampling

**Last Memory:**

Select LAST MEMORY, and press ENTER to enter the LAST MEMORY submenu options

**Sideshow:** Select SideShow technology, and then press ENTER key to enter the SideShow

Sub-menu option, select ON and OFF



## 5.2 Audio Setup Page



### Speaker Setup

#### Downmix

The player can mix multi-channel audio in order to code it as two-channel audio. This option is known as "downmixing".

**Lt/Rt:** Dolby Pro Logic® Surround audio output. This matrix-based coding process enables stereo audio tracks to carry four channels (left, center, right and surround) of audio data.

**Stereo:** Analog stereo audio output. The player sends the subwoofer and speech signals to your front right and front left speakers.

**5.1CH:** Disable downmix and enable discrete 5.1 channel surround sound.

#### Front Speaker / Center Speaker / Rear Speaker / Subwoofer

If **Downmix** mode is disabled, select the desired setting for your front, center and surround speakers:

**SML** – Small (narrow range) mode. Treble sounds are sent to the speakers.  
**LRG** – Large (wide range) mode. Both bass and treble sounds are sent to the speakers.

**OFF** – Disable Center speaker / Rear speaker / Subwoofer.

*Note: We recommend enabling (ON) the Subwoofer for an enhanced bass sound.*

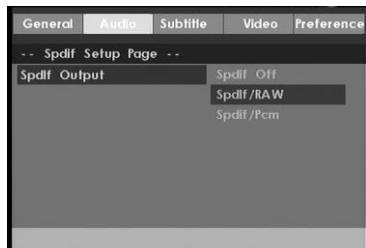
### SPDIF Setup

Setup Sony Philips Digital Interface (SPDIF) which is designed for coaxial/optical digital audio transmission.

**SPDIF OFF:** Disable digital audio transmission.

**SPDIF RAW:** When the unit is connected with a 5.1 channel digital amplifier by coaxial/optical cable, select this option to transmit a raw digital audio signal without any decoding process.

**SPDIF PCM:** When the unit is connected with a stereo digital amplifier by coaxial /optical cable, select this option to transmit a modulated stereo PCM audio signal.



### CH EQ Setup

Channel equalizer setup. The internal equalizer has 7 preset modes for music playback – Rock, Pop, Live, Dance, Tenco, Classic, Soft.



### 3D Process

#### Pro Logic II: Dolby Pro Logic II function. Dual Mono

Select LT/RT audio output mode.

**Stereo:** The signal for the left channel is sent to the left speaker and the signal for the right channel to the right speaker.

**L-Mono:** The signal for the left channel is sent to both the left and right speakers.

**R-Mono:** The signal for the right channel is sent to both the left and right speakers.

**Mix-Mono:** The left and right audio channels are mixed and coded as mono audio. The same sound is played on both speakers.

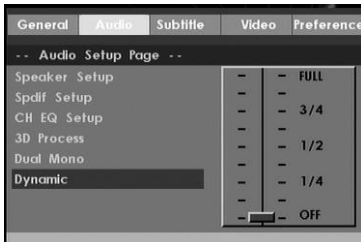


### Dynamic

This section on dynamic compression applies only to DVDs that use the Dolby Digital technique.

Set to **OFF**: Low-frequency audio signals are amplified to increase the audio volume.

Set between **FULL** and **OFF**: Audible sounds at the extremes of the Dolby Digital audio spectrums are compressed.



Set to **FULL**: All audible sounds,

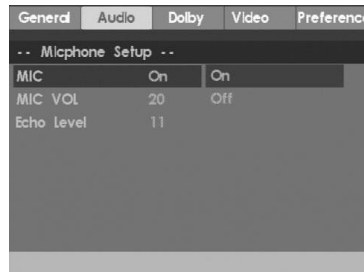
irrespective of their frequency, are distinct and included in the Dolby Digital dynamic.

### Karaoke Setup

**Mic on/off:** Turn the microphone input on/off.

**Mic Vol:** You can adjust the microphone volume.

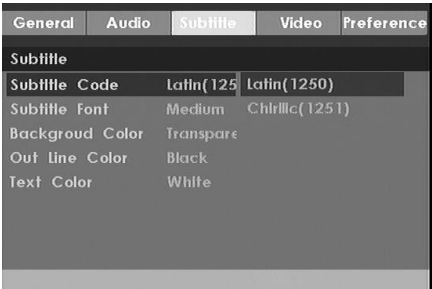
**Echo Level:** You can adjust the echo



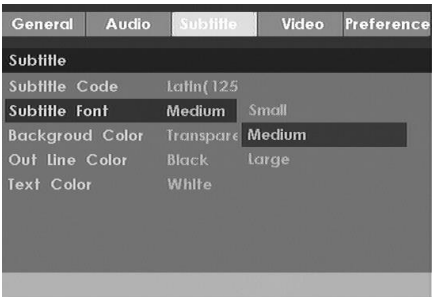
level.

### 5.3 Subtitle Setup Page

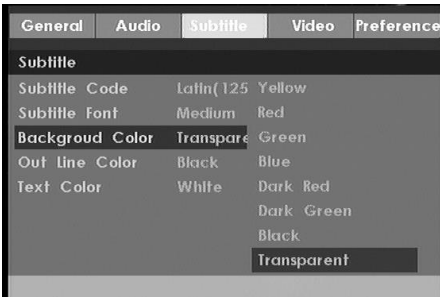
**Subtitle code:** You can select the subtitle code which you prefer here. Currently we have Latin(1250) and Chirlic(1251) for selection.



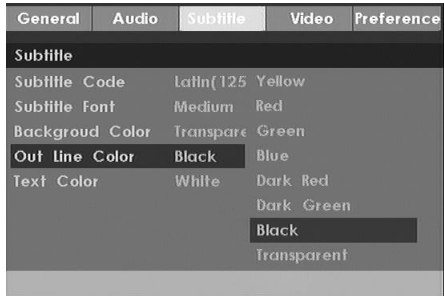
**Subtitle font:** You can select three subtitle font here: small, medium and large.



**Background colour:** You can select the background color of the subtitle here.



**Outline colour:** You can select the outline colour of the subtitle here.



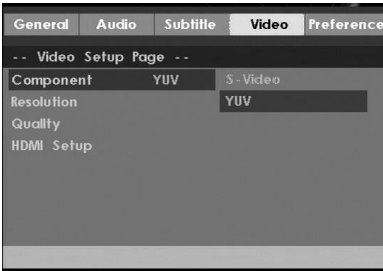
**Text colour:** You can select the text colour of the subtitle here.



### 5.4 Video Setup Page

## •Component

Select the appropriate video output for your connection type.



• **YUV:** Choose this setting if your DVD player is connected to a TV with YUV video cables.

• **S-Video:** Choose this setting if your DVD player is connected to a TV with S-VIDEO cable.

## Resolution:

This option may only be used for television provided constructive with HDMI or YUV. Please read the instructions supported resolution TV to find it.

This device uses technology "up scaling" and is not compatible with any video HD (high definition).



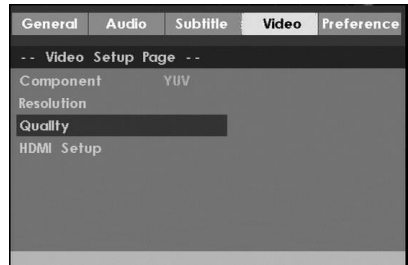
If the TV screen nothing appears, press "HDres (19 button) repeatedly at an interval of 5 seconds. to select the resolution supported by your TV!

## Quality:

Adjusting the level of clarity / brightness / Contrast / Gamma / Hue / Saturation / Luma Delay of image.

## HDMI Settings

• HDMI: You can select enabling or disabling the HDMI output.

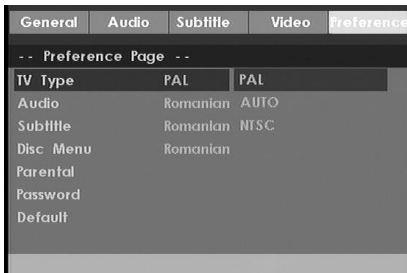


## 5.5 Preference Setup Page

### TV Type

Specifies the standard used for the video output's color signals.

- **PAL:** Broadcast system used in Europe. Your TV will receive this signal if you select "PAL TV".
- **Auto:** Broadcast system used in the Brazil. Your TV will receive this signal if you select "Auto".
- **NTSC:** Broadcast system used in Korea, Japan, the USA, Canada and many other countries. Most DVDs are recorded in NTSC format. Your TV will receive this signal if you select "NTSC TV".



### Audio

Selects the preferred language for DVD soundtracks.

- The selected language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.
- Languages vary between discs, depending on the DVD.
- You can also select alternative languages by pressing the AUDIO button on the remote control handset.

### Subtitle

Selects the preferred language for subtitles recorded on DVDs.

- The selected subtitle language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.
- Subtitles vary between discs, depending on the DVD.
- You can also select alternative subtitle languages by pressing the SUBTITLE button on the remote control handset.

### Disc Menu

Selects the preferred language for the disc menu recorded on the DVD. This choice varies between DVDs.

### Default

Restores the player's factory setting

## 6. CD RIPPING

When an Audio CD is loaded, press CD RIPPING button to enter CD-Ripping interface.

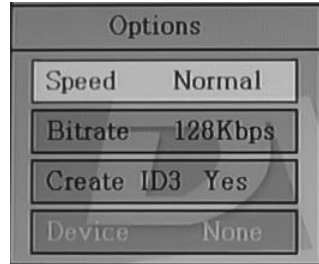
Options

- Speed: Select encoding speed.

Under “Fast” mode it can convert Audio CD to MP3 in high speed, but can not play Audio CD in the meantime.

Under “Normal” mode it will convert Audio CD to MP3 in normal speed, and play this Audio CD during encoding process.

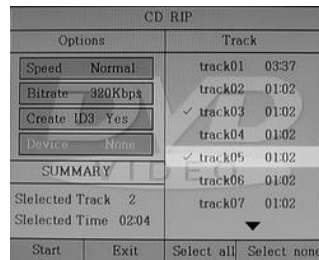
- Bitrate: Select MP3 bitrate for encoding.
- Create ID3: Enable/disable ID3 info. from Audio CD to encoded MP3 files.
- Device: Please connect USB stick to the player before start encoding, otherwise Device item will show “None”.



### Track Selection

- Use Direction buttons and “Enter” to select tracks you want to encode in Track list.
- Select all: Select all audio tracks.
- Select none: Unselect all audio tracks.

After adjust options and select tracks, select “Start” to start CD-Ripping process.



### MP3 Copy:

Play MP3 Disc.

Select the desired song, by pressing Enter key.

Press CD Ripping / Subtitle key.

Then press Enter at USB 1.

Press Enter to confirm the copy, after completion it will show copy OK

### JPEG Copy:

Play JPEG Disc.

Highlight the desired picture, by pressing ▲ /▼ key.

Press CD Ripping / Subtitle key.

Then press Enter at USB 1.

Press Enter to confirm the copy, after completion it will show copy OK

## 7. Troubleshooting

In the event of a technical problem, check the following points before taking the player to the after-sales service. If you are unable to cure the problem by following our advice, contact your dealer or authorized repair center.  
**WARNING:** Never attempt to repair this appliance yourself.

Problem	Possible cause	Solution
The POWER light does not come on.	The power cord is not plugged in	Plug the power cord into a wall outlet
No picture	You have not selected the video input connected to your TV	Select the appropriate video input format on your TV, in order to receive the player's output signals
	The video cable is not connected correctly	Fully insert the plugs on the video cable into the corresponding jacks
No sound	The audio cable is not connected correctly	Fully insert the plugs on the audio cable into the corresponding jacks.
	The stereo system is not switched on	Switch on the stereo system
	You have not selected the correct audio output	Select the correct audio output in the setup menu
Distorted picture	The disc is dirty.	Remove and clean the disc
	The player is in Cue or Review mode.	Some distortion may occur during Cue and Review operations. This is normal.
Flickering or unstable brightness	Disruption caused by a copy protection system.	Connect the player directly to your TV
The player does not operate	There is no disc in the player	Load a disc
	Incompatible disc	Load a compatible disc (check the disc's format and color signal coding standard).
	The disc has been loaded upside down	Check that the disc is correctly positioned
	The disc is not correctly positioned in the tray	Check that the disc is correctly positioned
	The disc is dirty	Clean the disc
	The player is not configured correctly	Use the setup menu to modify the setup
No response when buttons are pressed	Interference from electromagnetic radiation or other factors such as static electricity	Switch off the player or unplug its power cord, and then switch it on or plug it in again
The remote control handset does not work	The remote control is not aligned with the sensor on the player's front panel	Point the remote control handset at the sensor
	The remote control is out of range	Check that the remote control is no more than 7 m from the sensor
	The batteries are dead	Replace the batteries with new ones

### Note:

This appliance uses copyright protection technology covered by claims under the terms of various US patents and other intellectual property rights of Macro vision Corporation and other holders. Use of the aforementioned copyright protection technology is subject to consent by Macro vision Corporation and is intended solely for private use or restricted broadcasting, unless otherwise authorized by Macro vision Corporation. Reverse engineering and disassembly prohibited.

It may not be possible to play certain discs on this player, owing to the condition of the recording system or the CD-R/RW or DVD±R/RW disc itself.

## 8. Technical Specifications

Playback compatibilities	DVD/DVD-R /CD/CD-R/CD-RW/JPEG/Mp3
Video output	Video Component Video Composite S-video
Audio output	Analogical 5.1-CH-audio (2 Vrms (1 Khz)) Audio digital coaxial (1,5 Vp-p)
General features	Voltage: 100-240 V AC, 50/60 Hz. Power consumption: 15 W PAL/NTSC video system
Accessories	Remote control User manual

## 9. RECYCLING



This product is marked with the selective sorting symbol for electrical and electronic waste. This symbol indicates that the product must be accepted by a selective waste collection system in accordance with EU directive 2002/96/CE, so that it can be recycled or dismantled in order to minimize any environmental impact. Note that unless selectively sorted, electronic products are potentially hazardous to the environment and human health, as they may contain hazardous substances.