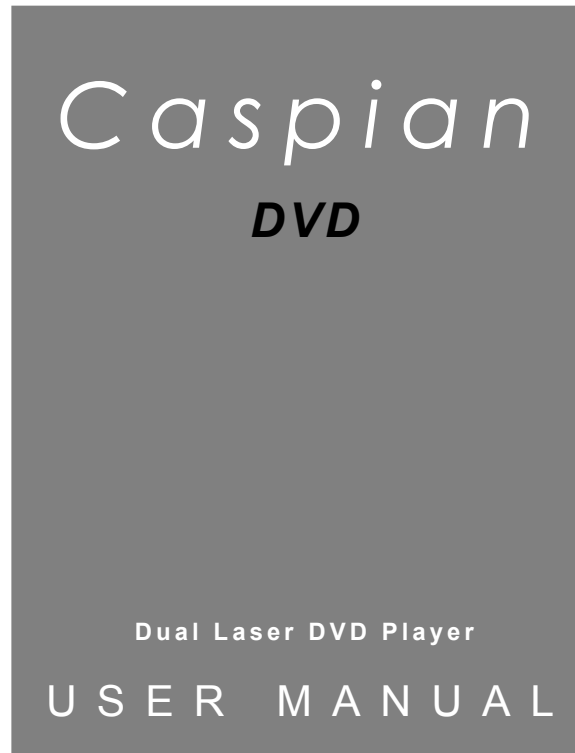


ROKSAN



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**LASER SAFETY
CAUTION**

This unit employs a laser. Due to possible eye injury, only qualified service personnel should remove the cover or attempt to service this equipment. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**CLASS II LASER PRODUCT
LUOKAN II LASERLAITE
KLASS II LASERAPPARAT**

CAUTION

Visible and invisible Laser radiation when open avoid exposure to beam (Warning location: Inside on Laser covershield)

Manufactured under license from Dolby Laboratories. "Dolby", "AC-3" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. ©1992-1997 Dolby Laboratories, Inc. All rights reserved.

"DTS" and "DTS Digital Surround" are trademarks of Digital Theater Systems, Inc. All rights reserved.

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

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and disc can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not play, and should be unloaded.

Possible region codes



There are 6 regions (also called "locales"). Each DVD player and disc will be played in one region ONLY.

- 1:** Canada, U.S., U.S. Territories
- 2:** Japan, Europe, South Africa, Middle East (including Egypt)
- 3:** Southeast Asia, East Asia (including Hong Kong)
- 4:** Australia, New Zealand, Pacific Islands, Central America, Mexico, South America, Caribbean
- 5:** Former Soviet Union, Indian Subcontinent, Africa (also North Korea, Mongolia)
- 6:** China

Never make or change connections with the power switched on.

Congratulations on your purchase of the ROKSAN Caspian DVD Player. This DVD Player is designed and manufactured to the highest specification and rigorously tested to offer you many years of trouble-free pleasure.

Your Caspian DVD Player is at the heart of you're A/V system. Its correct installation, set-up and operation will have a profound influence on the performance of the entire A/V home theatre installation.

This manual is divided into the following sections:

- Safety Certification
- Safety Instructions
- Introduction
- Cautions
- Installation
- Setup
- Operation
- Remote Control
- Setup Menu
- Troubleshooting & Disc Handling and Maintenance
- Guarantee
- Specifications
- Notes

UNPACKING

Included in the packing of your Caspian DVD Player you will find:

- One mains lead fitted with the correct mains power plug for your country
- One Caspian DVD Remote Handset and AA batteries (x2)
- One information pack and warranty card
- Video/Audio Leads

After removing these items please retain **all** packing materials. Correct packing is necessary for transportation of your Caspian DVD Player.

MAINTENANCE

After disconnecting the DVD Player from the mains supply, the cabinet and front panel may be cleaned with a lightly dampened soft cloth or chamois leather. **Avoid using abrasives or solvents.**

EU DIRECTIVES

This product is designed to comply with the legal provisions of EU Directives 89/3336/EC and 72/23/EC. The standards which have been applied are those which were in force at the time of the introduction of this product.

This product bears the CE mark.



This product is compliant to EN 60065.

This product must be earthed. Please ensure that other equipment connected to it is earthed according to the manufacturer's instructions.

AC MAINS SUPPLY

Your Caspian DVD Player is set to operate from a fixed supply voltage which is marked on a label next to the mains input plug. Before connecting the mains lead please check that your mains supply corresponds to this label as below:

ALL ProductsVoltage Range: 90V – 240V

The mains lead supplied with this product has an IEC mains socket which plugs into the IEC connector on the unit's rear panel. The other end is normally attached to the appropriate mains plug for your country. In the UK this is the standard UK13A plug.

This plug should ordinarily not be removed from the lead. If you *do* remove it, please dispose of it safely so that it cannot be plugged into a mains socket whilst in a potentially dangerous condition. We suggest that you obtain from your dealer a complete replacement lead.

Should you move to another area where either the mains voltage or the mains plugs are different from those as supplied with your DVD Player, please contact the appointed ROKSAN distributor for assistance.

Please observe correct mains polarity at all times.

The DVD Player mains fuses are located on the rear panel next to the IEC mains connector. They must only be replaced by the fuse of the type and rating as described on the fuse rating label on the rear panel of the unit.

This product requires connection to earth (ground). The earth wire (in the UK this is colour coded green/yellow) of the mains cable supplied with your DVD Player must be connected to a suitable earthing point established for this purpose by your electricity supply company. If you are in any doubt, consult a qualified electrician.

If the equipment is likely to be unused for some time, unplug it from the mains supply.

GENERAL CAUTIONS

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

INTERFERENCE

Properly installed, this unit should not cause harmful interference to radio communications, There is, however, no guarantee that such interference will not occur in a specific installation. If interference arises (which you can determine by switching the unit off and on) you could try to remedy matters by the following:

- Re-orient or re-locate the receiving antenna
- Increase the distance between the DVD Player and receiver
- Connect the unit to a different mains circuit from that of the receiver
- Consult your ROKSAN appointed dealer or an experienced Radio/TV technician for help and advice

LOCATION

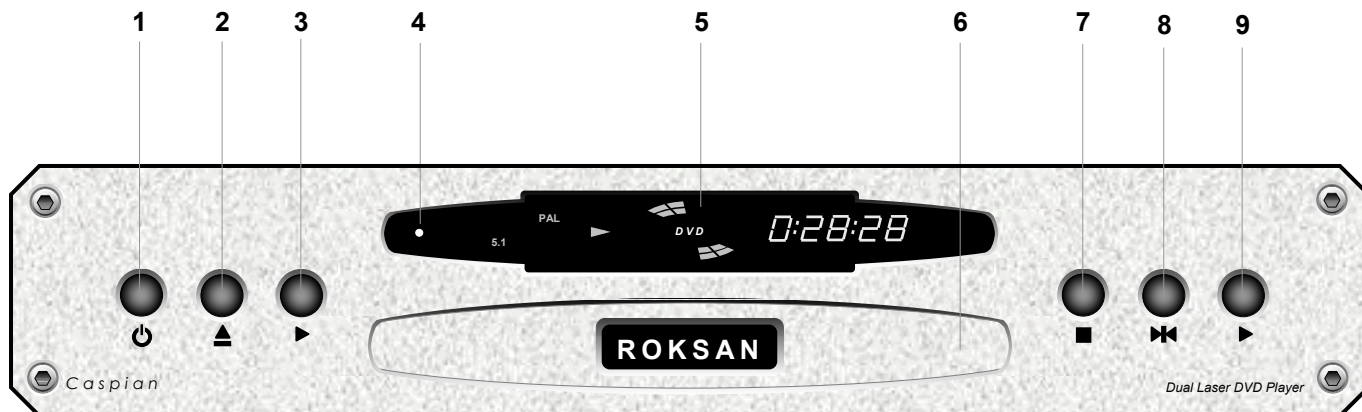
Your Caspian DVD Player should be located in a well ventilated area and kept away from sources of heat, dust and humidity and direct sunlight.

The DVD Player may be positioned either as a free standing unit or alongside another audio/video product. Never place the DVD Player on carpet or any surface likely to hinder normal ventilation.

Never allow liquids or other objects to fall into the unit.

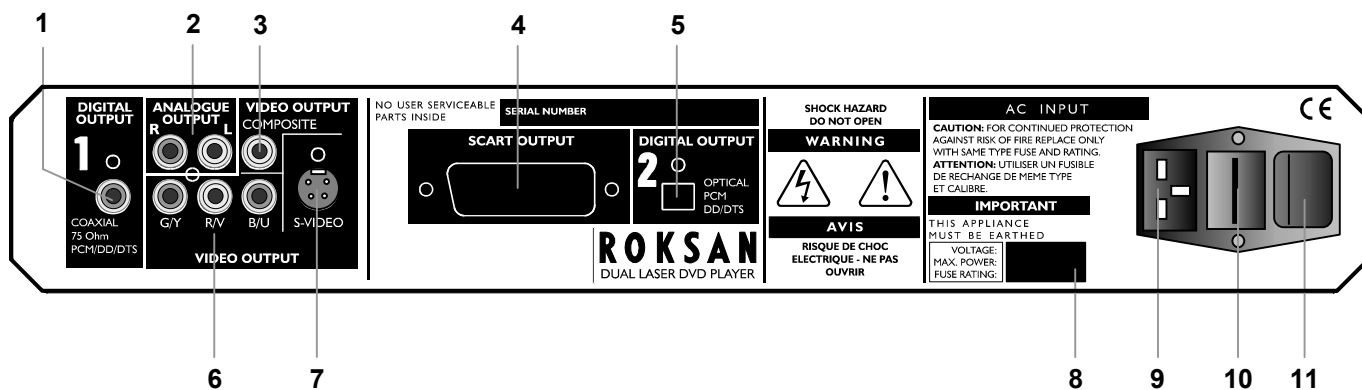
This unit contains no user serviceable parts. **Do Not remove any panels or attempt to service it yourself.** Unauthorised servicing will void the warranty.

ROKSAN Caspian DVD Player- Front Panel View



1. Standby Button
2. Open/Close Button
3. Play Button
4. Standby Indicator
5. FL Display
6. Drawer Mechanism
7. Stop Button
8. Pause/Step Button
9. Play Button

ROKSAN Caspian DVD Player - Rear Panel View



1. Coaxial Digital Output
2. Analogue Output (Left & Right)
3. Composite Video Output
4. SCART Connector
5. Optical Digital Output
6. Component Video Output
7. S-Video Output
8. Voltage & Fuse Rating Label
9. IEC Mains Inlet Socket
10. AC Mains Fuseholder
11. AC Mains Power Switch

CONNECTING MAINS POWER

Please refer to the rear panel view on page 5. The moulded IEC connector of the supplied mains lead should be plugged into the socket (9) on the rear of the unit first and then plugged into the mains supply. The Mains power switch (11) is on the rear panel of the DVD Player. This switch is normally left on. If the unit is likely to be unattended for a long period, switch it off and unplug the mains lead from the wall.

SIGNAL CONNECTIONS

ANALOGUE OUTPUT:

The Analogue Output (2) uses RCA Phono sockets and should be connected to the DVD or LINE input of your Preamplifier, Integrated Amplifier or Audio Input of your TV. The connection is: Right Channel – Red; Left Channel – White or Black.

DIGITAL OUTPUTS:

There are two Digital Outputs, one Coaxial the other Optical. The Digital Output (1) uses a 75 Ohm RCA socket and should be connected to the Coaxial Digital Input of your DSP.

The Digital Output (5) is an Optical Tos-Link and should be connected to the Optical Tos-Link Digital Input of your DSP.

SCART OUTPUT:

There is a SCART Output (4) for convenience that could be connected to the SCART Input of your TV, Projector or Monitor.

VIDEO OUTPUTS:

There are three Video Outputs, one Composite, one S-Video and one Component. The Composite Output (3) uses RCA socket and should be connected to the Composite Video Input of your TV, Projector or Monitor.

The S-Video Output (7) is a better Video link (remember to use high quality S-Video cable and no longer than 3 metres) and should be connected to the S-Video Input of your TV, Projector or Monitor.

For best quality picture the Component Video Output (6) uses 3 RCA connectors and should be connected to the Component Video Input of your Projector or Monitor.

IMPORTANT NOTE: For optimum performance it is recommended to use high quality inter-connect cables such as ROKSAN HDC-02A High Definition Analogue Cable and HDC-01D High Definition Digital Cable. The HDC-01D terminated with Roksan RCA plugs can be used for Composite or Component links.

Remember The digital output is muted unless in General Setup Menu menu, 'SPDIF' is selected to be 'ON'. The Stereo L&R output is on all the time.

Only with SPDIF output is selected to **ON** can your DSP decode **5.1-Channel** information.

Please refer to the front and rear panel views on page 5.

SWITCHING ON

The Mains power switch (11) is located on the rear panel of the DVD Player. This switch should be left ON for normal operation. If unattended for a long period, the Mains power should be switched OFF and the lead disconnected from the power supply.

When switched ON from the rear panel, your Caspian DVD Player FL Display will illuminate. If a disc is inserted or already there, it would commence play. Pressing the Standby Button (1) on the front panel or the POWER Button (1) on the remote will toggle the DVD Player into and out of standby.

USING THE FRONT PANEL CONTROLS

Please refer to the front panel view on page 5.

LOADING A DISC

Press the Open/Close Button (2) once to open the disc loading tray. Carefully load a disc into the tray recess with the label side up. Press the button again to close the tray.

Note: Never load a disc until the drawer has opened fully, or try to close the drawer until you are sure that the disc is properly seated in the holder recess. Warped discs should *never* be played.

PLAYING A DISC

When a disc has been loaded, your Caspian DVD Player will briefly spin the disc while it studies the data encoded on it. The unit will then start playing the disc. You can only Play the disc using Buttons (3 & 9) or Stop using Button (7) or Pause using Button (8). To Eject the disc press Button (2).

All other functions are accessed by the Caspian DVD Remote Hand Handset.

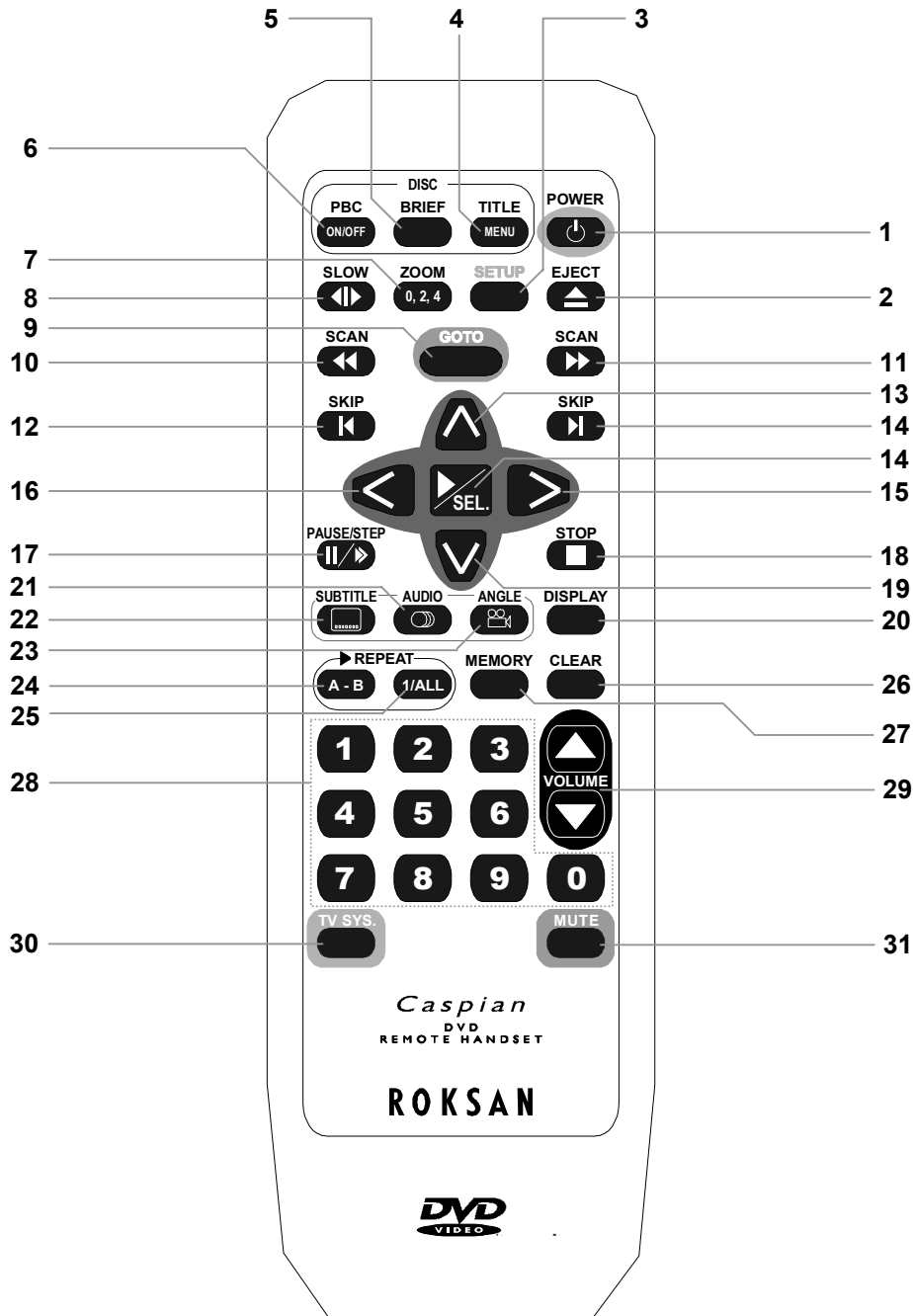
When disc is first inserted or a new Chapter/Track is selected, the display will briefly indicate the Chapter/Track No. and then reverts to elapsed time.

You should first check the setup of the DVD Player on the TV/Monitor/Projector screen to ensure all settings are correct for your application (Refer to Setup).

Your DVD Player is supplied with a Full Remote Control Handset.

The Remote Control Handset is powered by two 1.5V **AA** batteries (supplied). When inserting the batteries observe the correct polarity.

The handset duplicates all front panel controls and contains all other additional features.



1	Power Button	Toggles the DVD into and out of Standby	<i>Standby Indicator will glow Red</i>
2	Eject Button	Opens and Closes the disc loading tray	<i>Display will indicate OPEN/CLOSE</i>
3	Setup Button	OSD displays the Setup Menu	<i>See Setup</i>
4	Title/Menu Button	Displays DVD Disc Menu	
5	Brief Button	Briefly plays and Displays directly accessible Titles	<i>PBC OFF</i>
6	PBC Button	Toggles broadcast On and Off	
7	Zoom Button	Displays picture in normal to x2, x4, normal, x2, x4 zoom	
8	Slow Button	Displays picture in normal, SF x2, x4 ,x8 SR x2, x4, x8, normal	
9	Goto Button	During Play allows selection of desired Title or Chapter <i>Titile or Chapter</i> <i>Entre No. using Numercal keys</i>	<i>Use < or > to select</i>
10	Scan Button	Scans Reverse x2, x4, x8, x16, x32, normal	<i>Fast reverse on CDs</i>
11	Scan Button	Scans Forward x2, x4, x8, x16, x32, normal	<i>Fast forward on CDs</i>
12	Skip Button	Skips Back one Title at a time	<i>Skips back a track on CDs</i>
13	Up Button	Moves Cursor Up	
14	Skip Button	Skips Forward one Title at a time	<i>Skips forward a track on CDs</i>
15	Move Right Button	Moves Cursor Right	
16	Move Left Button	Moves Cursor Left	
17	Pause/Step Button	Pauses picture and evry time moves it forward a frame	<i>Press Play/SEL. to resume</i>
18	Stop Button	Stops play	<i>Press Play/SEL. to resume on DVDs</i>
19	Move Down Button	Move Cursor Down	
20	Display Button	Displays Time elapsed, remaining on Title and Chapter	<i>Track and Disc for CDs</i>
21	Audio Button	Selects Audio outputs available on DVD disc	
22	Subtitle Button	Selects Subtiles available on DVD disc	
23	Angle Button	Selects camera angles available on DVD disc	
24	A-B Repeat Button	Selects points A and B on disc for repeat to commence and end <i>Press during play at the point where repeat is to commence</i> <i>Press again at the point where repeat is to be concluded</i>	<i>Press during play</i> <i>Repeat of chapter being played</i> <i>Repeat of Title beaing played</i> <i>Cancel repeat mode</i>
25	1/ALL Repeat Button	Selects Chapter or Title to be repeated	<i>Repeat of chapter being played</i> <i>Repeat of Title beaing played</i> <i>Cancel repeat mode</i>
26	Clear Button	Erases in sequence from last programmed Track <i>Every press erases one programmed track</i>	
27	Memory Button	Programmes Tracks to be played in the order desired	<i>Press Stop</i> <i>Press Memory</i> <i>Use numerical keys to enter Numbers</i> <i>Press Play/SEL.</i>
28	Numerical Buttons	Selects the desired numbers	<i>001 for 1, 002 for 2 ...etc.</i>
29	Volume Button	Adjusts L&R Audio Output Volume	<i>Not applicable to Digital Output</i>
30	TV/System Button	Selects between Multi, NTSC or PAL Video Output systems	<i>During Play</i>
31	Mute	Mutes and unmutes Audio Output	<i>In all modes</i>

Direct Access via Numerical Buttons:

You can access your desired track on a CD directly by entering the desired track number (001 for 1, 002 for 2 ... etc.) The DVD player would automatically go to the selected track on the CD and begin to play.

If you do not enter the preceding zeros, then press **PLAY/SEL.** or wait after you have entered the track number, and your selected track starts to play after a few seconds.

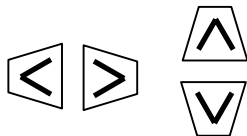
When playing CDs, the DVD front panel display will indicate the track number for a couple of seconds and then the display will revert to showing elapsed time. (The OSD will indicate your selections such as Track Number, Play, Pause, Scan etc)

On DVDs, you can access your desired Title/Chapter, by first selecting '**GOTO**', then select between Title or Chapter and then enter the desired number as outlined above (01 for 1, 02 for 2 ... etc).

To configure the DVD Player to suite your specific requirements follow the instructions below:

Using the Setup Button (3) and Move Up, Down, Left or Right Buttons (13, 19, 16 & 15) on your remote handset, you can cruise around the setup menu and select the desired outputs or modes.

NOTE:

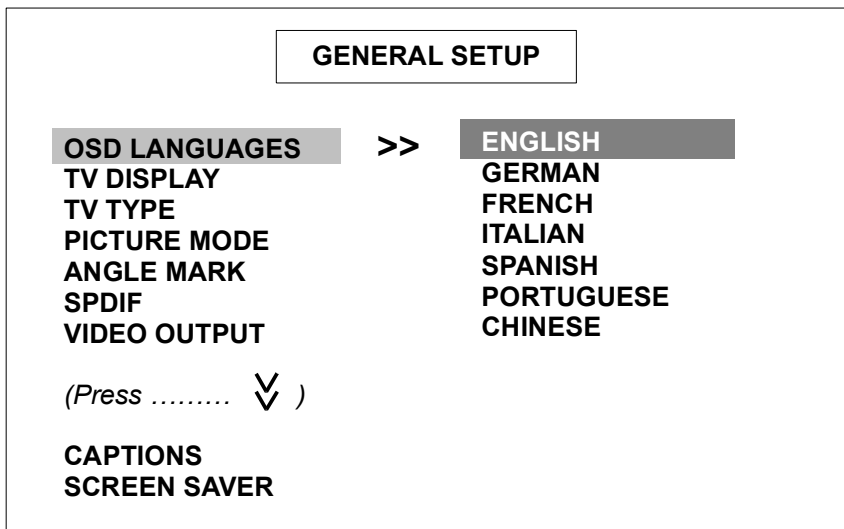
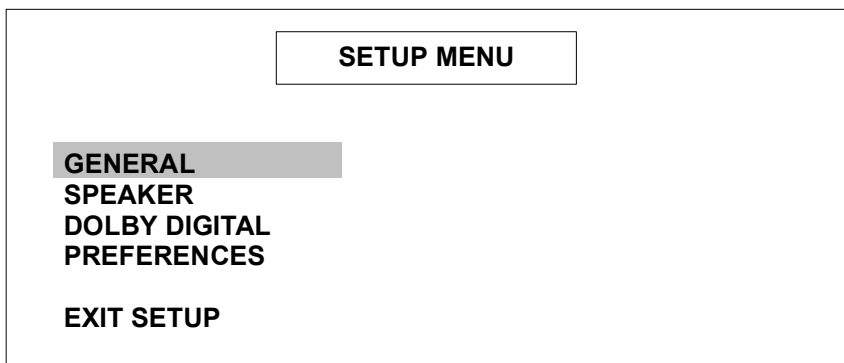


Move the selection cursor to left or right side dropdown menus and navigate up or down the menu.



Selects the desired mode or setting. *What is pre-selected is highlighted in Green and what you are selecting will be shown in Yellow. Only when the selection is in Yellow can you then navigate the cursor up or down.*

Press Setup (3) on the remote handset:



GENERAL SETUP

OSD LANGUAGES
TV DISPLAY >> **ENGLISH**
 TV TYPE GERMAN
 PICTURE MODE FRENCH
 ANGLE MARK ITALIAN
 SPDIF SPANISH
 VIDEO OUTPUT PORTUGUESE
 CHINESE

(Press √)

CAPTIONS
 SCREEN SAVER

GENERAL SETUP

OSD LANGUAGES
 TV DISPLAY
TV TYPE >> **MULTI**
 PICTURE MODE NTSC
 ANGLE MARK PAL
 SPDIF
 VIDEO OUTPUT

(Press √)

CAPTIONS
 SCREEN SAVER

😊

Optimise picture quality.
 Check different options available

*NOTE: From the remote ('TV SYS.' Button) selects through these options during each play, so you can see which setting provides the best picture quality.
 Remember: Only in setup mode can you set the TV System permanently.*

GENERAL SETUP

OSD LANGUAGES
 TV DISPLAY
 TV TYPE
PICTURE MODE >> **AUTO**
 ANGLE MARK HI RES
 SPDIF NON FLIKER
 VIDEO OUTPUT

(Press √)

CAPTIONS
 SCREEN SAVER

😊

Optimise picture quality.
 Check different options available.
 (Non flicker for example)

GENERAL SETUP

OSD LANGUAGES
 TV DISPLAY
 TV TYPE
 PICTURE MODE
ANGLE MARK >> ON
 OFF
 SPDIF
 VIDEO OUTPUT

(Press √)

CAPTIONS
 SCREEN SAVER

☺

Select 'ON' and enjoy the same scene from all different angles contained in the disc.

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

GENERAL SETUP

OSD LANGUAGES
 TV DISPLAY
 TV TYPE
 PICTURE MODE
ANGLE MARK >> OFF
 ON
 SPDIF
 VIDEO OUTPUT

(Press √)

CAPTIONS
 SCREEN SAVER

☺

This function switches the digital output ON or OFF.

GENERAL SETUP

OSD LANGUAGES
 TV DISPLAY
 TV TYPE
 PICTURE MODE
 ANGLE MARK
 SPDIF
VIDEO OUTPUT >> S-VIDEO
 RGB
 YUV

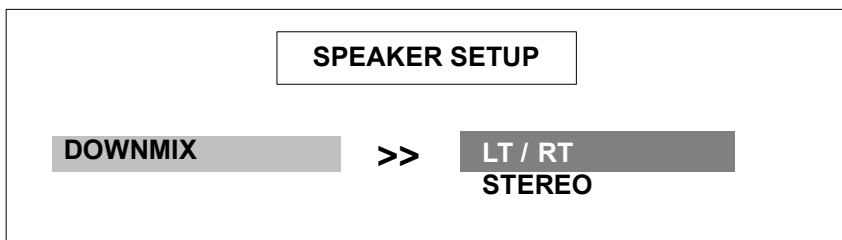
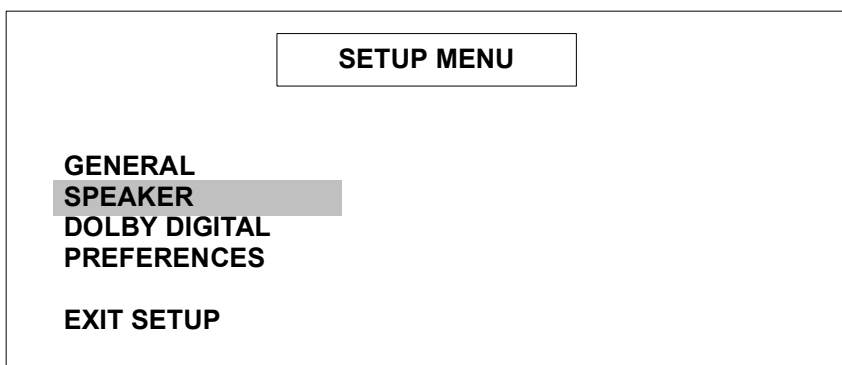
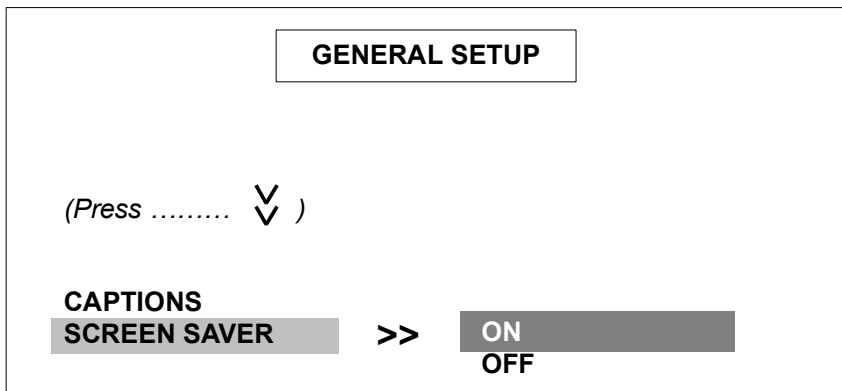
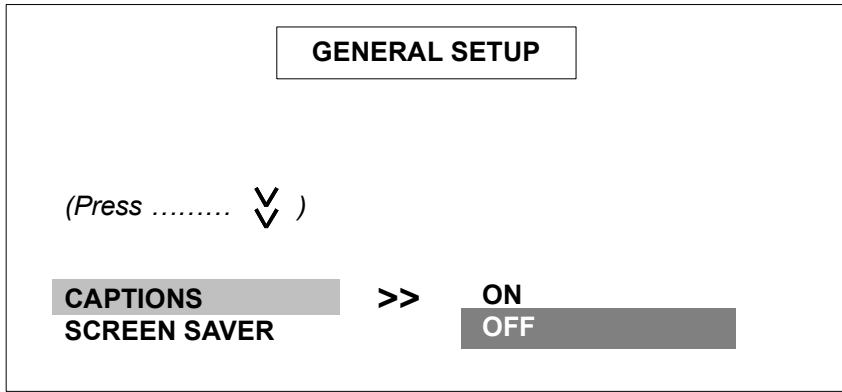
(Press √)

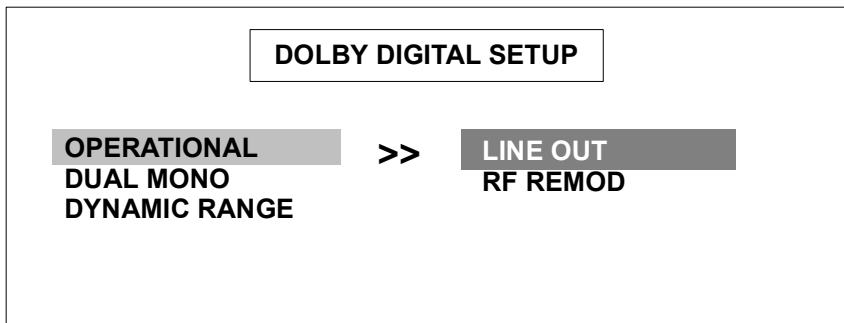
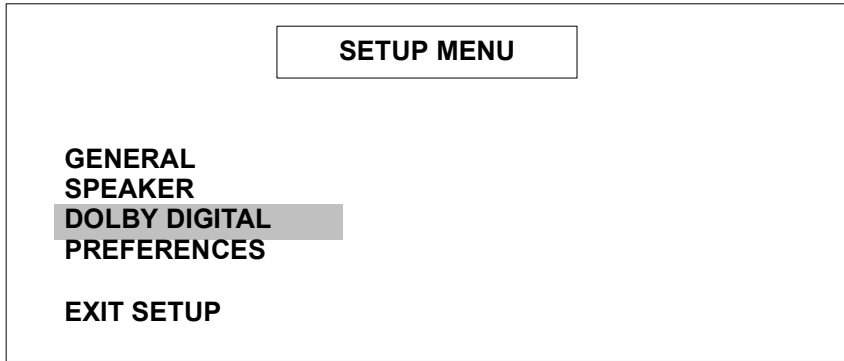
CAPTIONS
 SCREEN SAVER


☺

Optimise picture quality by selecting the best video output. (Your Monitor/Projector must have the same video Input as an option)

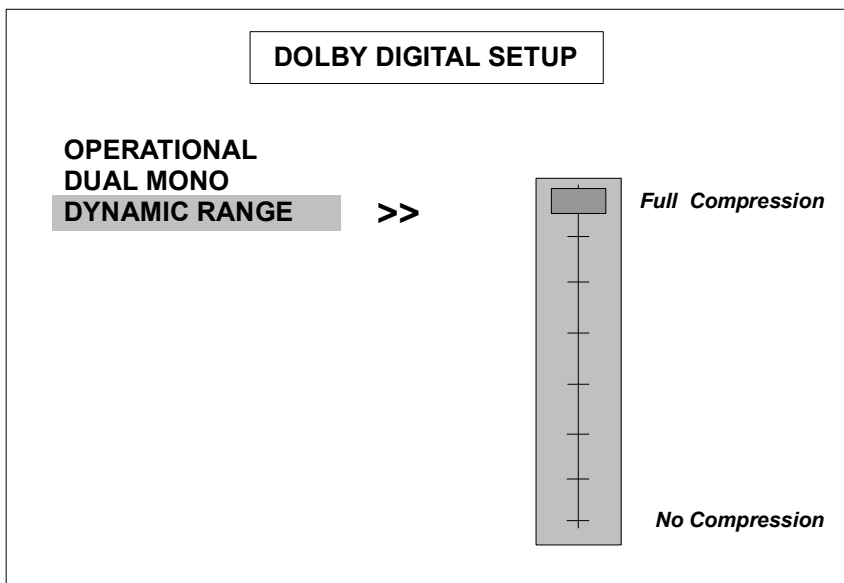
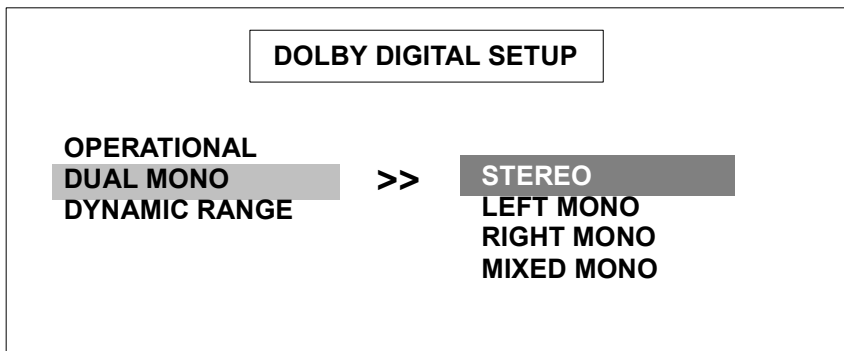
NOTE: Component video, RGB or YUV, generally provide the best picture quality. Use high quality Video Cables. Composite & SCART Outputs are always on.








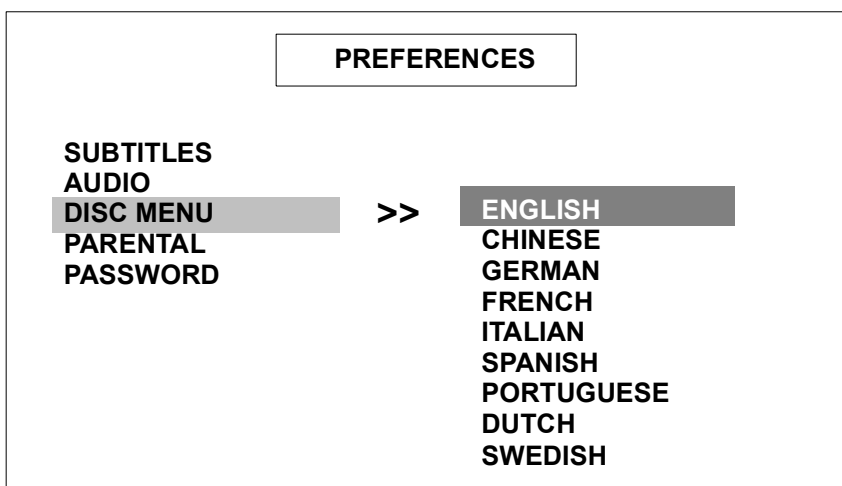
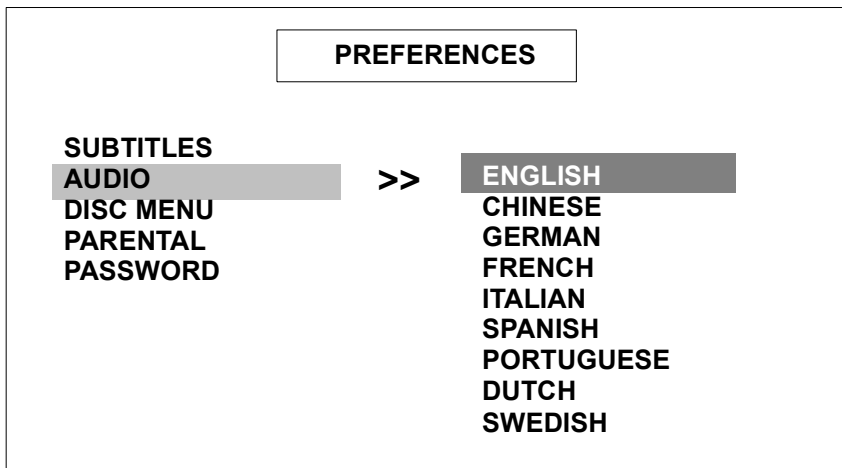
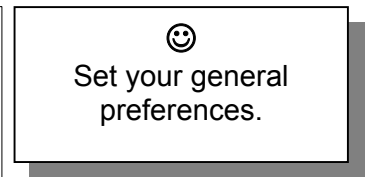
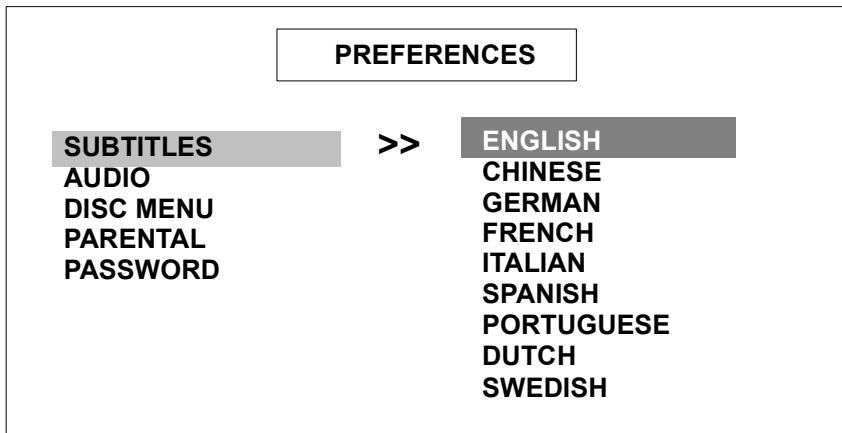
For most installations select LINE OUT. If Volume is low when directly connected to the TV, then select RF REMOD.





Optimise Stereo Output sound quality. Set Dynamic Range to lowest Compression level.


NOTE: Check that the sound during loud passages is not distorted. If the sound is distorted, increase dynamic range compression until no distortion is heard. Overloading the loudspeakers could cause permanent damage.



PREFERENCES

SUBTITLES
 AUDIO
 DISC MENU
PARENTAL >>
 PASSWORD

1	G
2	
3	PG
4	PG 13
5	
6	PG R
7	NC - 17
8	ADULT
	NO CONTROL




Disable playing specified ratings of discs. (For example unsuitable discs for children)

NOTE: To select a new rating the DVD will ask you to enter your password. After you enter the 4-digit password, the selection would then be locked.

Do not forget your Password.

PREFERENCES

SUBTITLES
 AUDIO
 DISC MENU
 PARENTAL
PASSWORD >> **CHANGE**



Change Password. (The Password is a 4-digit number)

NOTE: You are required to enter your Old or factory set (9999) password when you wish to change it.

PASSWORD CHANGE PAGE

OLD PASSWORD >> **XXXX**
 NEW PASSWORD
 CONFIRM PASSWORD



Remember factory set password is **9999**.

NOTE: Once you have moved the cursor to the desired choice press
 The choice will be set and shown in Yellow.



If you suspect that your ROKSAN Caspian DVD Player is not operating properly, you should check all the connections carefully. Pay particular attention to input and output connections. Phono plugs should be fully inserted- a frequent cause of problems is that Phono plug surrounds do not make proper contact. Check the DVD Setup Menu and ensure the correct outputs are selected. Below are some commonly encountered problems with suggestions for possible cure. The list is not exhaustive: If you have any unresolved problems, please consult your appointed ROKSAN dealer or distributor.

SYMPTOM (COMMON)	REMEDY
No power.	<ul style="list-style-type: none"> ● Insert the power plug securely into the power outlet. ● Check if the on/off button on the front of the player is set to on. ● Check if there is power at the AC outlet by plugging in another appliance.
<ul style="list-style-type: none"> ● Play fails to start even when PLAY is pressed. ● Play commences but then stops immediately. 	<ul style="list-style-type: none"> ● Condensation has formed: wait about 1 to 2 hours to allow the player to dry out. ● This player cannot play discs other than DVDs, video CDs and audio CDs. ● Check if the disc is defective by trying another disc. ● Check the region (local) code. ● The disc may be dirty and may require cleaning. ● Ensure that the disc is installed with the label side up.
No picture.	<ul style="list-style-type: none"> ● Ensure that the equipment is connected properly. ● Ensure that the input setting for the TV is "Video". ● Check if the TV is switched on. ● Select the same channel and source on the TV as on the player.
<ul style="list-style-type: none"> ● No sound. ● Distorted sound. ● No audio at Digital Output 	<ul style="list-style-type: none"> ● Ensure that the equipment is connected properly. ● If using a HiFi amplifier, try another sound source. ● Ensure that the input settings for the TV and stereo system are proper. ● No sound is heard during still picture (pause) or slow-motion play. ● Check the digital connections. ● Check the settings menu to make sure that the SPDIF output is set to ON. ● Check if the audio format of the selected audio language matches your receiver capabilities.
Distorted picture.	<ul style="list-style-type: none"> ● Check the disc for fingerprints and clean with a soft cloth, wiping from center to edge. ● Sometimes a small amount of picture distortion may appear. This is not a malfunction.
Completely distorted picture or no color in picture.	The disc format is not according to the TV-set used (PAL/NTSC).
Picture is distorted during rapid advance or rapid reverse.	The picture will be somewhat distorted at times: this is normal.
No rapid advance (or rapid reverse) play.	Some discs may have sections, which prohibit rapid advance (or rapid reverse).
No 4:3 (16:9) picture.	Choose the correct setup "TV DISPLAY" item, which matches the TV set used.
No operations can be performed with the remote control.	<ul style="list-style-type: none"> ● Check the batteries are installed with the correct polarities (+ and -). ● The batteries are depleted: replace them with new ones. ● Point the remote control unit at the remote control signal sensor and operate. ● Operate the remote control unit at a distance of not more than 7 meters from the remote control signal sensor. ● Remove the obstacles between the remote control unit and remote control signal sensor.
No key operation (by the unit and/or the remote control) is effective.	Turn the unit off and then back to on. Alternatively, turn off the unit, disconnect the AC power cord then re-connect it. (The player may not be operating properly due to lighting, static electricity or some other external factor.)

SYMPTOM (DVD)**REMEDY**

Play does not commence even when title is selected.

Confirm the "PARENTAL" setup.

Audio soundtrack and/or subtitle language is not the one selected at the initial settings.

If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be seen/heard.

No subtitles.

- Subtitles appear only with discs, which contain them.
- Subtitles are cleared from the TV monitor. Press SUBTITLE to display the subtitles.

Alternative audio soundtrack (or subtitle) languages fail to be selected.

An alternative language is not selected with discs, which do not contain more than one language.

Angle cannot be changed

This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.

SYMPTOM (Video CD)**REMEDY**





No menu play

This function works only for video CDs with playback control (version 2.0 and above).





Selecting the type of disc for the type of TV connected

Both the DVD discs and video CDs have the material recorded in the PAL and NTSC systems. Refer to the table below to select the correct disc type for the type of connected TV.





■ Connecting to the multi-system TV

DISC	TV MONITOR
 PAL	 Played in the PAL system.
 NTSC	 Played in the NTSC system.

■ Connecting to the NTSC TV

DISC	TV MONITOR
 PAL	 No clear images are shown on the screen.
 NTSC	 Played in the NTSC system.

■ Connecting to the PAL TV

DISC	TV MONITOR
 PAL	 Played in the PAL system.
 NTSC	 No clear images are shown on the screen.

Disc Handling and Maintenance

Handling Precautions

- Hold the disc by the edges so the surface will not be soiled with fingerprints. (A)
Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ballpoint pen or other writing utensils.
- Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc tray.
- Do not try to close the disc tray when the disc is not installed properly. (B)
- Be sure to store the disc in its exclusive case when not in use.

If the surface is soiled (C)

Wipe gently with a soft, damp (water only) cloth.

When wiping discs, always move the cloth from the center hole toward the outer edge.

(If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause noise.)

If the disc is brought from a cold to a warm environment, moisture may form on the disc

Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

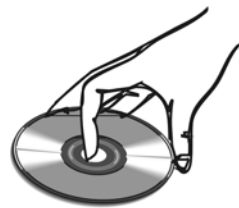
Disc which cannot be played with this player

- CD-ROM
- CDV
- CD-G
- DVD with a Local No. other than that shown on the DVD unit's Region Code Label on the rear panel
- Do not try to play Photo CD

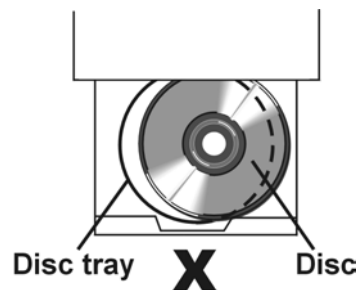
Maintenance

- Be sure to turn the unit off and disconnect the AC power cord before maintaining the unit.
- Wipe this unit with a dry soft cloth.
If the surfaces are extremely dirty, wipe clean with a cloth, which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.

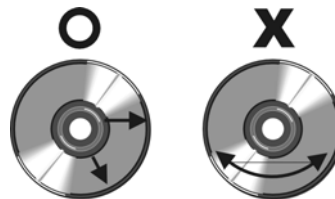
(A)



(B)



(C)



There are no user-serviceable parts inside your Caspian DVD Player. If a fault should develop, refer any servicing to your appointed ROKSAN dealer, distributor or ROKSAN approved service agent.

Your ROKSAN Caspian DVD Player is guaranteed against any defect in materials and workmanship for a period of **two years** from the date of purchase.

This guarantee only becomes effective if the warranty card is validated by the ROKSAN retailer from whom the equipment was purchased and returned to ROKSAN within **28 days** of purchase.

This guarantee excludes:

1. Damage caused due to accident, misuse, neglect and incorrect installation, adjustment or repair.
2. Liability for damage or loss during transit from the retailer or purchaser to ROKSAN or its authorised distributor for the purposes of repair or inspection.

Carriage costs to ROKSAN shall be borne by the consignor.

All claims under this guarantee must be made through an authorised ROKSAN retailer.

If equipment returned for repair to ROKSAN is found on inspection to comply with the product specification ROKSAN reserves the right to make a charge for examination and return carriage.

Unauthorised servicing will void this guarantee.

Loading Method	Front Loading
Optical Reader	Dual Laser
Display	FL Tube (Front Panel) On Screen Display
Pisc Played	DVD Video Video CD CD
Video Output	Composite S-Video Component
Video System	NTSC/PAL
Video Decompression	MPEG-1 (ISO/IEC-13818) MPEG-2
Digital Output	Optical TOS-Link 75Ω Coaxial (5.1 DTS, Dolby Digital & Linear PCM)
DVD Frequency Response	48 kHz Sampling: 4 - 22 kHz 96 kHz Sampling: 4 - 44 kHz
Audio Output	L/R Stereo 2V rms
CD Frequency Response	<4 Hz – 20 kHz
D/A Conversion	96 kHz / 24 bit Burr Brown PCM 1716
S/N Ratio	>105dB
THD	<0.003%
Wow & Flutter	Below Measurable Limits
Power Source	100V – 240V 50Hz / 60Hz
Power Consumption	< 15 W
Dimension	432 x 330 x 70 (W x D x H) mm 432 x 330 x 80 (including feet)
Weight	10Kg

NOTES

Caspian Dual Laser DVD Player

Caspian DVD Player

Serial Number:

Purchase Date

Year Month Day

ROKSAN Retailer

Name:

Location:

Please keep a record for future reference

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