TABLE OF CONTENTS

ABOUT THIS MANUAL

Instructions on this manual describe the controls of the DVD Recorder. You can also use the remote controller controls with the same name as those on the unit.

Dear Customers

We would like to thank you for purchasing this DVD+R/RW and DVD-R/RW Recorder with built-in FreeView Digital Terrestrial Receiver.

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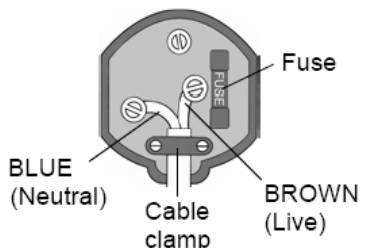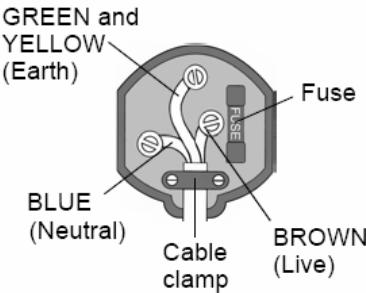
IMPORTANT SAFEGUARDS

Electrical Information

This appliance is fitted with a BS1363/A 13 amp plug. If it is not suitable for your supply sockets it must be removed and replaced with an appropriate plug. If the plug becomes damaged and/or needs to be replaced please follow the wiring instructions below. The plug removed must be disposed of immediately. It must not be plugged into a supply socket as this will be an electrical hazard.

If the fuse needs to be replaced it must be of the same rating and ASTA approved to BS1362. If the plug is changed, a fuse of the appropriate rating must be fitted in the plug, adapter or at the distribution board. If the fuse in a moulded plug is replaced, the fuse cover must be refitted before the appliance can be used.

Wiring Instructions

The supply cable will be either 2-core or 3-core. Follow the appropriate wiring instructions given below. In both cases ensure that the outer sheath of the cable is firmly held by the cable clamp.

2 - CORE

Fuse
BLUE (Neutral)
Cable clamp
BROWN (Live)

WARNING! Do not connect either wire to the earth terminal.

This symbol indicates that this 2-core appliance is Class II and does not require an earth connection.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

3 - CORE

GREEN and YELLOW (Earth)
Fuse
BLUE (Neutral)
Cable clamp
BROWN (Live)

WARNING! This appliance must be earthed.

The wire coloured green and yellow must be connected to the terminal marked with the letter E, or by the earth symbol, $\perp$, or coloured green or green and yellow.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

SAFETY INFORMATION

CAUTION

CLASS 1 LASER PRODUCT	**LASER CLASS 1**

LASER CLASS 1	
Wave Length	: 650 nm ±15nm (DVD)
	790 nm ±15nm (CD)
Maximum output of accessible laser radiation	: < 0,39 mW (continuous wave)
Classified according to IEC 60825-1	: 1993 + A1 : 1997

CE

This unit 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 recorder correctly as instructed.

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

Use of performance control or adjustment procedures other than those specified may result in hazardous radiation exposure. Do not open the covers and do not attempt to repair any damaged parts. Please refer to a service technician or qualified personnel for any necessary repairs.

WARNING

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
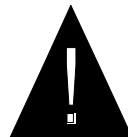
To reduce the risk of fire or electric shock, and any interference, use the recommended accessories only.
Do not move your device for 20 seconds after removing AC power to ensure that the actuator is completely locked. This helps prevent the media and the heads from accidental damage due to vibration, moving or shipping.

This recorder must not be exposed to dripping or splashing with liquids, such as vases, shall be placed on the recorder.

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

WARNING
RISK OF ELECTRIC SHOCK

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 of persons.

The exclamation point 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.

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

Manufactured under license from Dolby Laboratories,
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

GENERAL PROPERTIES

1. DVD+R/RW, DVD Video, DVD-R/RW, Audio CD, (S)VCD, CD-R/RW, , JPEG playback, DVD+R/RW and DVD-R/RW Dual Media recording
2. Integrated FreeView Digital Terrestrial Receiver
3. Low power standby mode support
4. User-friendly OSD menu control
5. Vacuum Fluorescent Display (VFD)
6. NTSC/PAL playback (according to disc content) and recording
7. Recording in different qualities (HQ, SP, LP, EP, SLP)
8. One Touch Recording
9. Auto title menu with thumbnail index pictures
10. Finalize for DVD+R and DVD-R/ DVD-RW disc
11. 7 Day Electronic Program Guide (EPG)
12. Adding chapter markers
13. Appending, overwriting, deleting titles
14. Recording with timer
15. Dolby Digital, LPCM audio via coaxial digital audio output
16. Multiple Aspect Ratio support (16:9 Widescreen, 4:3 Letterbox, 4:3 PAN&SCAN)
17. Multi-Audio (up to 8) support (According to disc content) (For DVD)
18. Multi-Subtitle (up to 32) support (According to disc content) (For DVD)
19. Multi-Angle (up to 9) support (According to disc content) (For DVD)
20. 8 level parental control
21. Fast forward and rewind in 5 different speeds (2x, 4x, 8x, 16x, 32x Fast Forward/Backward)
22. For DVD / (S)VCD; frame by frame forward playback
23. For DVD / (S)VCD; slow forward playback (1/2x, 1/4 x, 1/8x Slow Forward)
24. Maximum 5K*5K resolution for baseline, 1280*1024 resolution for progressive JPEG playback
25. 8-320 kbit bit rate for playback
26. Time Search
27. Repeat modes (Disc, Chapter, Title, Track, Folder)
28. Different play modes for Audio CD and (Normal/Random/Intro)
29. Program function for Audio CD, , JPEG and MPEG
30. Simultaneous playback of audio and pictures
31. 10 timer recording events
32. Pause recording
33. A → B repeat
34. Aerial Antenna input / output (loop through)
35. 2 SCART socket
36. Composite Video input/output
37. S-Video input
38. Coaxial Digital Audio output

CONTENTS

1 X REMOTE CONTROL WITH 2X AAA BATTERIES
1X SCART TO SCART CABLE
1 X DVD RECORDER
1X INSTRUCTION MANUAL (You are reading it).
1x Detachable mains cable with fitted mains plug.
1x Aerial Loop Through cable.

NOTES ON CD-R/RW, DVD-R/RW AND DVD+R/RW DISCS

- CD-R, DVD-R, DVD+R (Recordable) and CD-RW, DVD-RW, DVD+RW (Rewritable) discs, recorded by the users, may only be used after finalization process.
- CD-R/RW, DVD-R/RW and DVD+R/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 laying 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/RW, DVD-R/RW and DVD+R/RW discs may be longer.
- This DVD player may not support some recordings due to differences in recording formats or disc type.
- Please read the user's manual playback.
- CD-R/CD-RW discs recorded by CD-DA method can be played. Some CD-R/CD-RW disc may be incompatible due to laser pick-up and disc design.
- DVD-R discs recorded by DVD-Video method can be played. Some DVD-R discs may be incompatible due to laser pick-up and disc design.
- Some discs may be incompatible with JPEG Viewer function due to different recording format or condition of the disc.

SAFETY PRECAUTIONS

Power Source

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

• The apparatus is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the apparatus itself has been turned off.

• If you are not going to use the apparatus for a long time, be sure to disconnect the apparatus from the wall outlet.

IMPORTANT NOTE: The voltage markings and other safety markings are found on the underside of the appliance.

Power Cord

Do not place the unit, a piece of furniture, etc., on the power cord (mains lead), or 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 or give you an 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.

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 apparatus 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 into operation near bath, swimming pools.

• Take care to provide a good air circulation. Place the apparatus in a location with adequate ventilation to prevent heat build-up in the apparatus.

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

NOTES ON DISCS

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.

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.

On cleaning:
• Before playing, clean the disc with a cleaning cloth. Wipe the disc from the inside   to the outside.

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

Discs that should not be used:

Only the discs including the marks (see 1.7) 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 unit.

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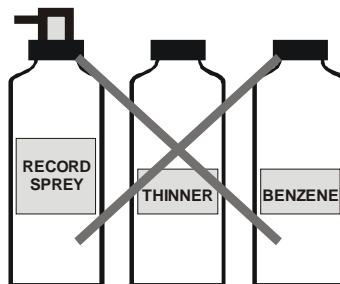
CONNECTION

ANTENNA CONNECTION
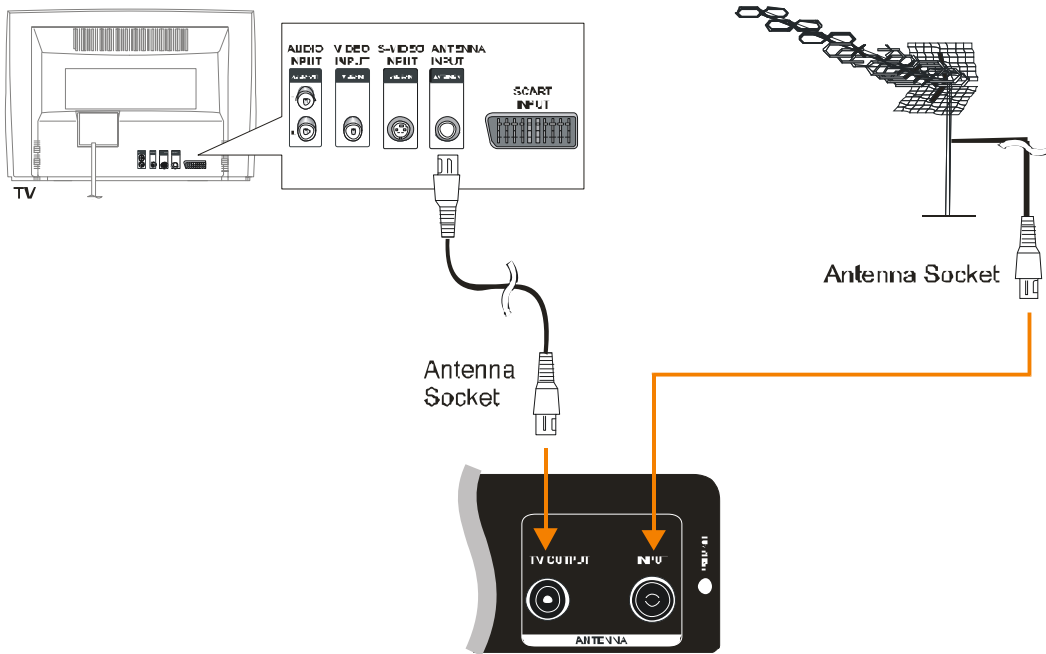
VIDEO & AUDIO OUTPUT SOCKETS
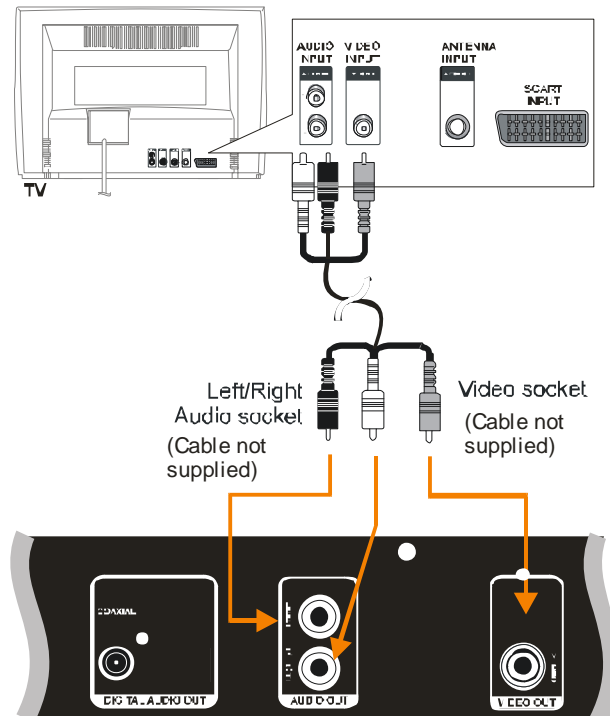
ANALOG AUDIO CONNECTION

Hi-Fi

Left/Right
Audio socket

(Cable not
supplied)

COAXIAL

DIGITAL AUDIO OUT   AUDIO OUT   VIDEO OUT
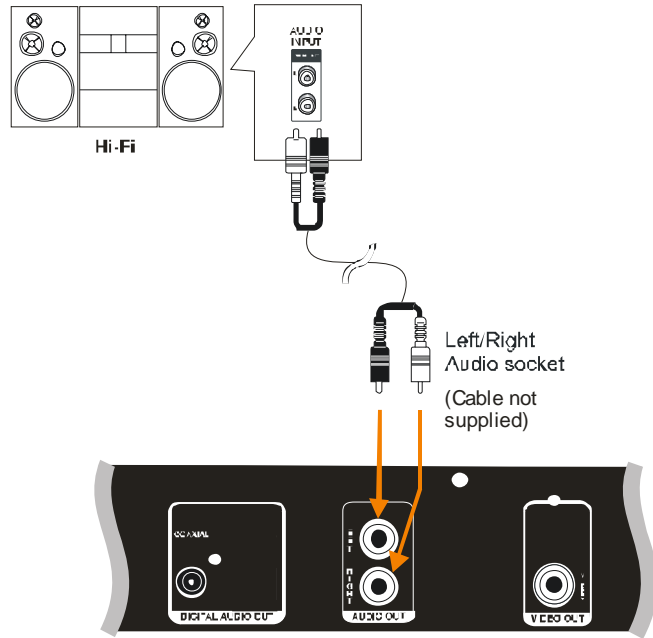
DIGITAL AUDIO CONNECTION

Digital A/V Receiver, A/V Amplifier

Coaxial Digital
Audio socket

(Cable not supplied)

COAXIAL

DIGITAL AUDIO OUT   AUDIO OUT   VIDEO OUT

SCART CONNECTION

Scart connection to TV

Scart connection to A/V Receiver
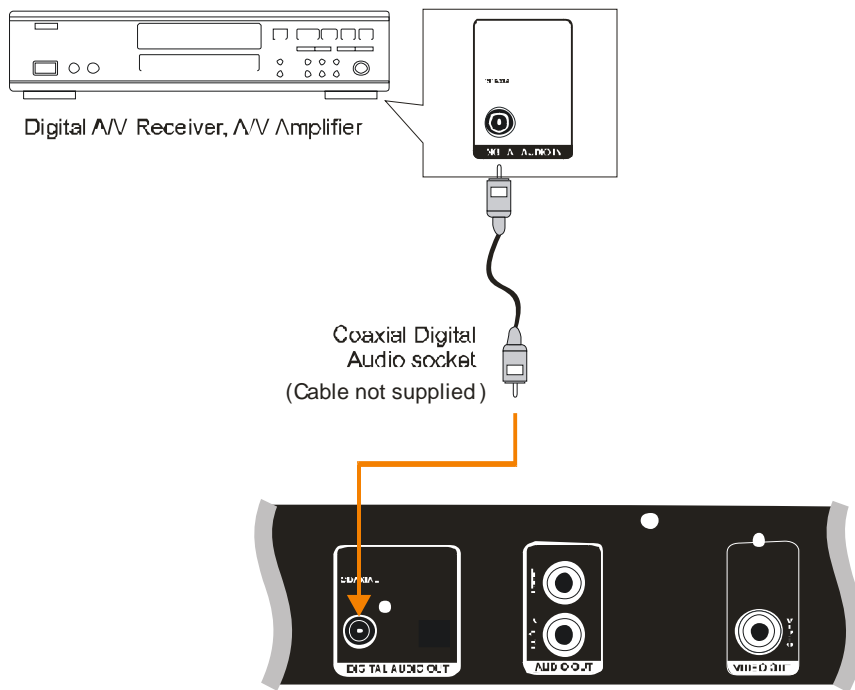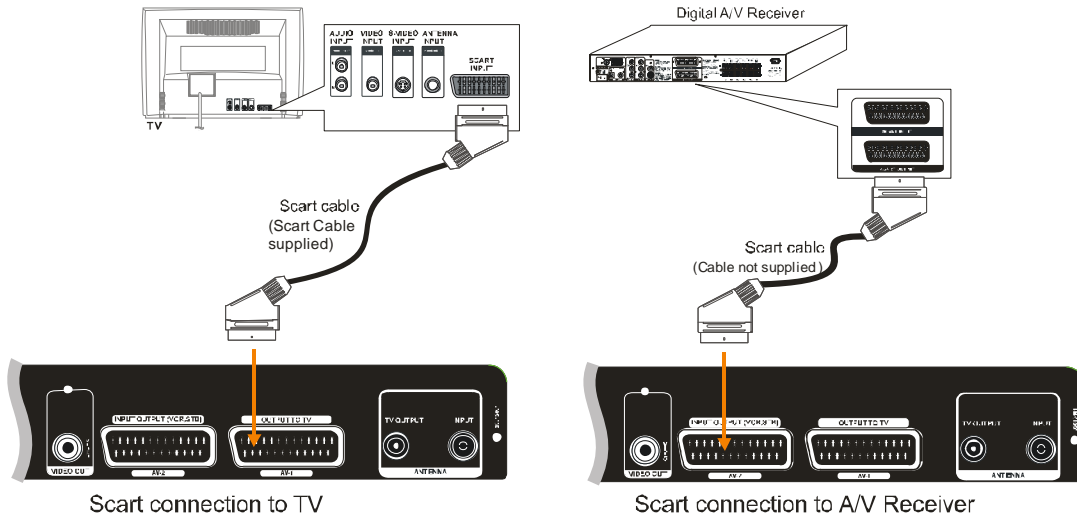
Connect Camcorder to the Front Sockets of DVD Recorder
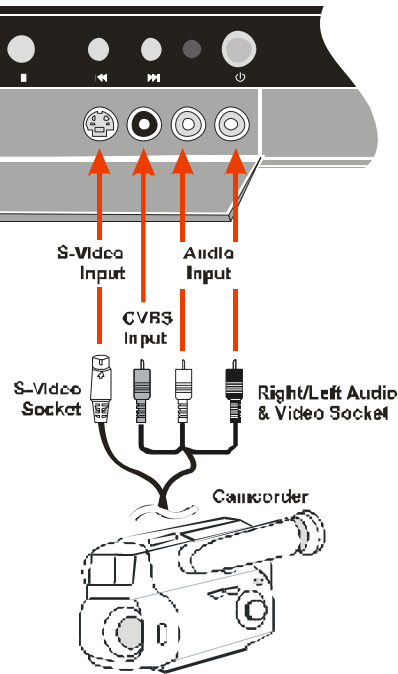
1. INTRODUCTION

1.1 THE REMOTE CONTROL

NOTE: HDD/DVD button is not used on this model.

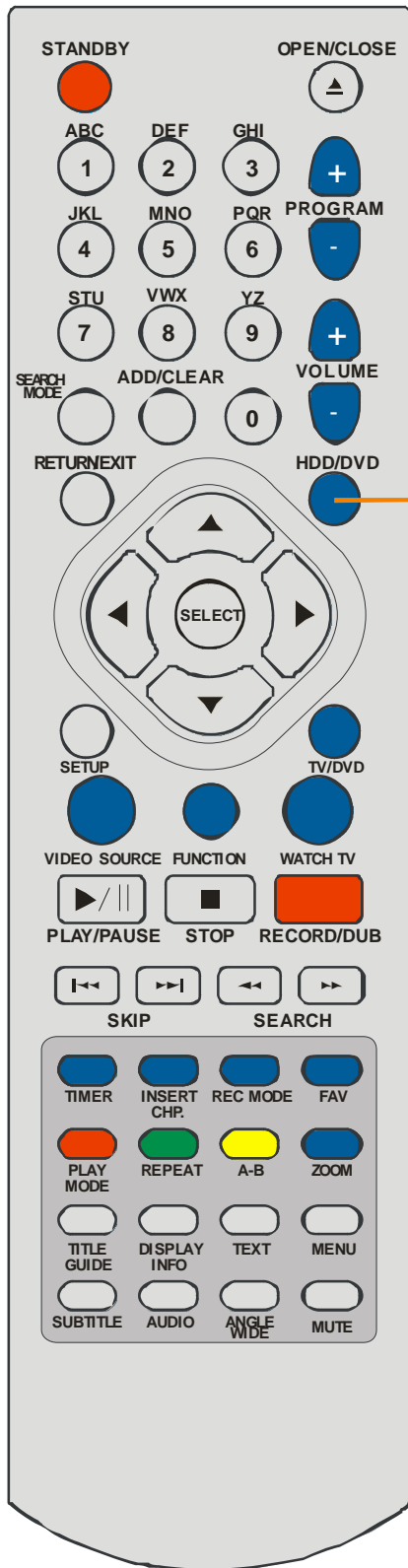|	
STANDBY	: To switch the set ON or OFF.
OPEN/CLOSE	: To Open/close the disc tray.
PLAY MODE / RED	: For , CD-DA, JPEG and MPEG tracks switches between play modes. In FreeView mode move up a page through channel list. It is used to select RED option in digital Teletext.
ZOOM /BLUE	: Enlarge the image. In FreeView mode move down a page through channel list. Move to bottom in EPG program details. It is used to select BLUE option in digital Teletext.
REPEAT / GREEN	: To play titles, chapters and tracks repeatedly. In FreeView mode, scroll up through EPG program details. It is used to select GREEN option in digital Teletext.
A-B / YELLOW	: Repeat a selection from point A to point B. In FreeView mode, scroll down through EPG program details. It is used to select YELLOW option in digital Teletext.
TITLE / GUIDE	: If DVD supports, to choose the title menu in DVD discs. Display and exit EPG in FreeView mode.
DISPLAY/ INFO	: Opens Display menus. Opens Display menu Help in FreeView mode.
TEXT	: Start and stop digital text.
MENU	: Displays the DVD or (S) VCD menu. In FreeView mode, displays FreeView system menu.
SETUP	: It opens and closes the system-menu.
RETURN / EXIT	: Returns to previous menu on a video CD. Also for CD Menu and Setup menu, it returns to the upper folder. In FreeView mode, exits from EPG menu.
WATCH TV	: To switch to monitor mode.
SELECT	: Select function/value.
ARROW KEYS	
(3/4/5/6)	: To navigate inside menus. Left/right arrow keys are used for volume up/down in freeview mode (when digital teletext is not active).
PLAY/PAUSE (►/;)	: Playback a disc. If this key is pressed during playback or recording, operation is paused. Also use this key to switch to disc playback from the beginning in monitor mode. For any DVD title that has a root menu with still picture, this key functions as "button select" (selects highlighted item) in the root menu. Otherwise this functioning of "play/pause" key on the root menu will be prohibited by the disc, and 🚫 will appear.
STOP (■)	: Stop playback/recording.
SKIP (9)	: Press this key during playback: Previous chapter/ film or previous file.
SKIP (:)	: Press this key during playback: Next chapter/ film or next file. Press this key during pause mode: Shows next frame at each press.
SEARCH (►►) (◄◄)	: Fast forward and fast backward in x2, x4, x8, x16 and x32. Slow forward in Pause state.
REC MODE	: Select quality and duration of recording.
TV/DVD	: Enables/disables the SCART socket output to the TV set. This lets you watch another program via TV set while DVD recorder is recording another program or source without unplugging the SCART cable.
RECORD/DUB	: Records the selected video source or start dubbing and resumes paused recording. Activates One-Touch-Recording while recording is in progress.
INSERT CHAPTER	: Inserts a chapter manually to recording media during recording.
SUBTITLE	: If DVD supports, changes the subtitle language, turns it on or off. Also used to switch DVB subtitles on and off if the channel provider supports.
VIDEO SOURCE	: Switches the video source in the order of FreeView Input, SCART Input, Front CVBS, Front S-Video and Disc
AUDIO	: If DVD supports, switches between audio formats during DVD playback. Also used to change DVB audio language if the channel provider supports.
ANGLE/WIDE	: Selects the angle to view the scene. This only works when multiple angles are provided for a scene. Selects screen format in FreeView mode.
TIMER	: To program a recording or to alter/clear pre-programmed recordings.
NUMERIC KEYS (0- 9)	: 0 - 9. Also used for channel rename in FreeView mode.
ADD/CLEAR	: Add files to make playlist in PROGRAM play mode, remove files from playlist. Also erases the number you previously entered.
PROGRAM+	: Tunes to next program while watching TV.
PROGRAM-	: Tunes to previous program while watching TV.
SEARCH MODE	: Press to move to any desired title/chapter/track/time within the disc.
HDD/DVD	: This function is not available on this non HDD model.
FUNCTION	: Opens Functions menu.
V+	: Increases volume
V-	: Decreases volume
MUTE	: Mutes function.

Preparing the Remote Control for Operation

The remote control and its batteries are packed separately in the original DVD recorder packaging. You must install the batteries in the remote control before use.

- Ø Take the remote control of the DVD recorder and the enclosed batteries (2 x 1.5 V batteries)(R03/AAA)
- Ø Open the battery compartment, insert the batteries as shown and then close the compartment.
- Ø The remote control range is approximately 5 to 10 metres.

30° 30°
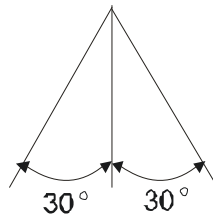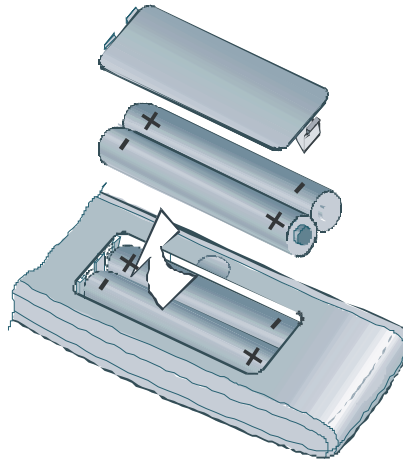
Within About 5-10m infront of the device

1.2 FRONT PANEL FUNCTIONS
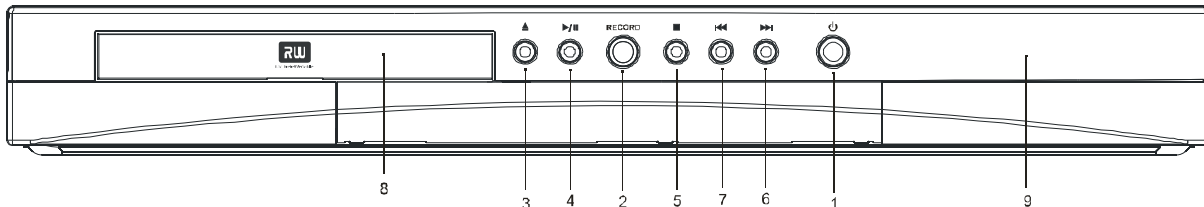
1	**STANDBY**		: Switches the set ON or OFF.
2	**RECORD**		: Records the selected video source.
3	**OPEN/CLOSE**	▲	: Opens/closes the disc tray.
4	**PLAY/PAUSE (►/;)**		: Playback a disc. If this key is pressed during playback or recording, operation is paused. Also use this key to switch to disc playback from the beginning in monitor mode. For any DVD title that has a root menu with still picture, this key functions as "button select" (selects highlighted item) in the root menu. Otherwise this functioning of "play/pause" key on the root menu will be prohibited by the disc, and will appear.
5	**STOP (■)**		: Stops playback/recording.
6	**SKIP FORWARD (:)**		: Plays next chapter/ title/ track/ file.
7	**SKIP BACKWARD (9)**		: Plays previous chapter/ title/ track/ file.
8	**DISC TRAY**		: Place a disc on the tray.

9 **FRONT PANEL DISPLAY (VFD):** Indicates the playing time, title, chapter/track etc.

1.3 FRONT PANEL CONNECTIONS
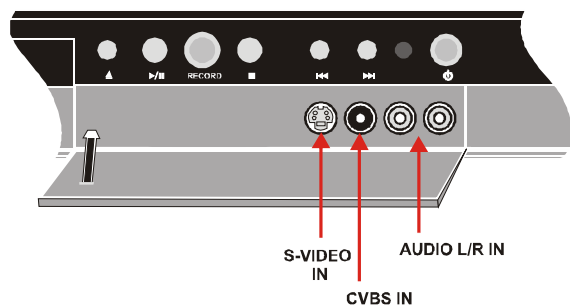
S-VIDEO in: S-Video socket: Connection of S- Video source.
CVBS in: Video input socket: Connection of composite video source (camcorders, video recorders, set top box).
AUDIO L/R in: Left/Right audio input socket: L/R Audio inputs are used for both S-Video and CVBS.

1.4 REAR PANEL CONNECTIONS
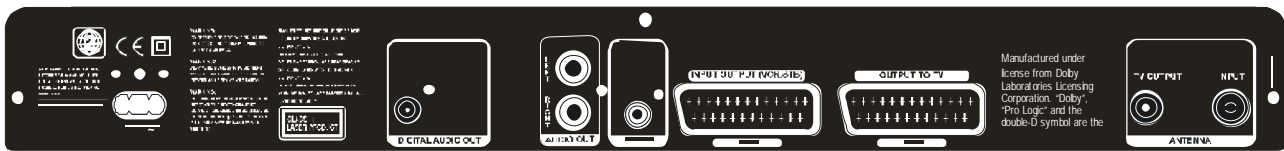
ANTENNA INPUT : Connect the existing TV aerial to this socket.

ANTENNA TV OUTPUT : Connect the aerial loop through cable to this socket. Connect the other end to the TV aerial socket.

OUTPUT TO TV : SCART Socket 1(AV1): Connects to the scart-input connector on the TV. RGB output.

INPUT/OUTPUT (VCR, STB) : SCART Socket 2(AV2): Connection of an external device (satellite receiver, set-top box, video recorder, camcorder, etc.)

CVBS : Video output : Connection of a TV set with a video output (CVBS, Composite Video).

AUDIO connectors (Audio OUT) :
For 2 channel recorders:
Connects to the AV amplifier by using 2 cords (Left, right).

DIGITAL AUDIO OUT (COAXIAL) : Connects to an audio component using the coaxial digital connection cord.

1.5 VFD ICONS
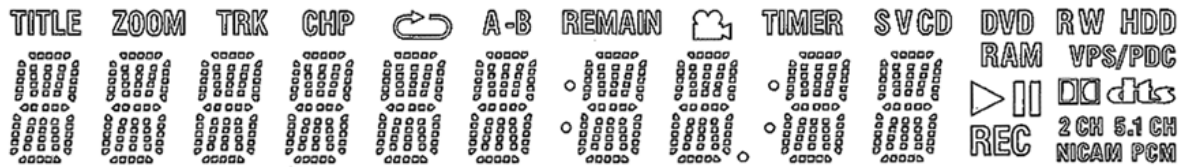
TITLE	: Displays the selected/played title number (DVD)
TRK	: Displays the selected/played track number (CDDA//JPEG/MPEG)
DVD	: Displays the type of inserted DVD disc: DVD/DVD-R/DVD-RW
DVD R	: Displays the type of inserted DVD disc: DVD+R
DVD RW	: Displays the type of inserted DVD disc: DVD+RW
(S)VCD	: Indicates that an (S) VCD disc is inserted
CD	: Indicates that a CD disc is inserted
CHP	: Displays the selected/played number of chapter (DVD)
REMAIN	: Indicates that remaining time is being displayed
◻◻	: A Dolby Digital audio signal is available on the digital audio output
DTS	: DTS audio signal is available on the digital audio output
PCM	: A PCM audio signal is available on the digital audio output
►	:Playback in progress
;	:Playback/record interrupted (Pause)
REC	: Recording in progress
TIMER	: A recording (timer) has been programmed
NICAM	: The DVD recorder has detected a Nicam audio signal
2 CH	: During playback, a HiFi/2 channel tone was detected or a HiFi/2 channel tone was received.
5.1 CH	: During playback, a HiFi/6 channel tone was detected or a HiFi/6 channel tone was received.
ZOOM	: Zoom mode is activated
⟳	: A repeat mode is activated
A → B	: A → B repeat mode is activated
๖	: Displays multi-angle scenes.

Multi-function display/Text line
- Clock
- Disc/Title playing time
- Display of a program number of TV channel/ position/ channel name/ function
- Display of information, warnings

1.6 SUPPORTED DISCS

Playback and Recording
DVD+RW (Digital Versatile Disc+ Rewritable)
DVD+R (Digital Versatile Disc+ Recordable)
DVD-RW (Digital Versatile Disc+ Rewritable)
DVD-R (Digital Versatile Disc+ Recordable)

Playback only

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
DVD	Audio + Video	12 cm	Single - sided; 240 min. Double - sided; 480 min.	• DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System.
		8 cm	Single - sided; 80 min. Double - sided; 160 min.	• Various screen and audio functions can be easily selected through the on-screen menu.
VIDEO-CD	Audio + Video	12 cm	74 min.	• Video with CD sound, VHS quality and MPEG-1 compression technology.
		8 cm	20 min.	
AUDIO-CD	Audio	12 cm	74 min.	• An LP is recorded as an analogue 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.
		8 cm	20 min.	
MP3-CD	Audio (xxxx.mp3)	12 cm	It depends on MP3 quality.	• MP3 is recorded as a digital signal with better audio quality, less distortion and less deterioration of audio quality over time.
		8 cm		
PICTURE-CD	Video (still picture)	12 cm	It depends on JPEG quality.	• JPEG is recorded as a digital signal with better picture quality over time.
		8 cm		

INSTALLING YOUR DVD RECORDER

INSTALLATION MENU

Initial Setup

IMPORTANT: Before powering up the recorder make sure that all connections including the aerial are made.
Since this is the first time that the receiver has been used, there are no channels stored in the receiver and the Auto search selection menu is displayed on the TV screen. If you do not see the APS (Automatic Programme Search) search menu on the television screen after a few minutes, make sure the scart cable connection to the TV is made and the TV is powered up. It may be necessary to press the AV button on the TV to select the AV channel that the recorder is connected to (AV 1 or AV2).

Using the **3/4** keys on the remote control, make sure that the YES button is highlighted in yellow, and press the **SELECT** key to start the automatic search. The FreeView receiver will automatically tune to the UHF transmission channels 21 to 68 looking for digital terrestrial TV broadcasts and displaying the names of channels found. This process will take about a few minutes.
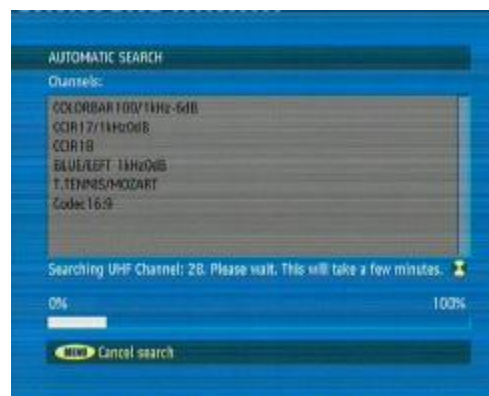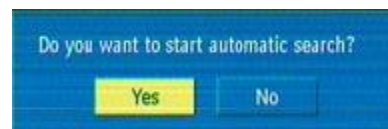
When the search is finished, the first channel of the channel list and the information banner is displayed you can now watch digital terrestrial television, press the PROGRAM +/- button to change channels.

If no digital terrestrial television broadcasts are found, the receiver will display a warning message. Check that an aerial is connected to the aerial input socket of the recorder. If you do not wish to tune in the TV stations then select SKIP.
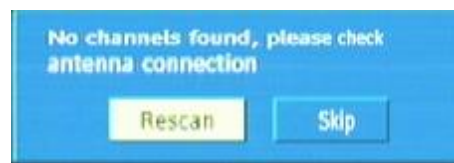
NOTE: Important that you must NOT turn off the recorder within 5 seconds after the automatic search since the unit is updating the program table and all channels may be lost.

Date and time of the recorder will be updated according to the channels found during APS. If receiver can't find any channel during APS, it shows the Initial Setup Menu for you to set date and time of the recorder. Use **5/6** keys to select the date box and press **SELECT** to edit date.
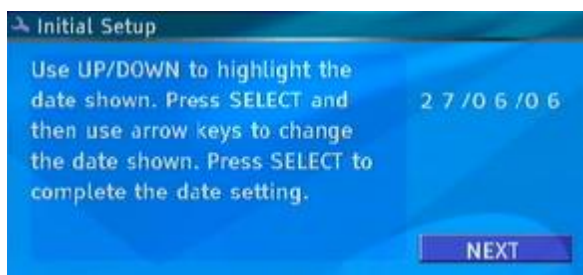
You can also set system time with the same steps as shown above.
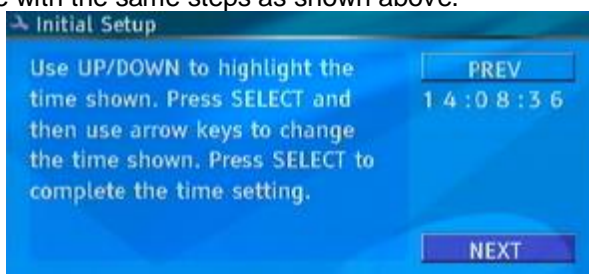
Finish the initial setup.
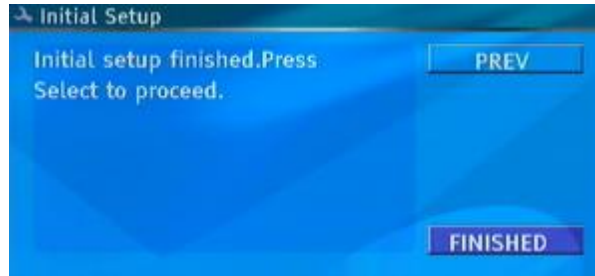
2. SETUP MENU

If you press <mark>SETUP</mark> key on the remote control, a menu will be displayed. You can use arrow keys for navigation and <mark>SELECT</mark> key to change highlighted option.

NOTE: Some Setup Menu items may not be available during playback or monitor mode.

2.1 RECORDING

2.1.1 AUTO CHAPTER MARKER

You can select one of the time periods (5min, 10min, 20min, 30min) for automatic chapter insertion or cancel this function by choosing "Off" option.

2.1.2 RECORD QUALITY

You can choose the quality level for custom recording. Each quality level offers different recording time period, listed below:

- HQ : High Quality – 60 min
- SP : Standard Play – 120 min
- LP : Long Play – 180 min
- EP : Extended Play – 240 min
- SLP : Super Long Play – 360 min

2.2 VIDEO
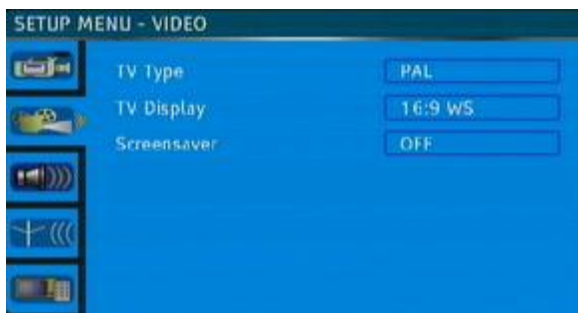
2.2.1 TV TYPE

MULTI: Select this option if your TV supports both NTSC and PAL.
PAL: Select this option if your TV supports only PAL.
NTSC: Select this option if your TV supports only NTSC.

2.2.2 TV DISPLAY

TV Display controls the presentation of the picture on the screen.

| **4:3 PS** | **4:3 LB** | **16:9WS** |

4:3 PS: (Normal/PS Pan & Scan)
Allows the movie to fill the entire screen of your TV, but not the right and left edges.

4:3 LB: (Normal/LB Letterbox (4x3))
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.

16:9 WS: (Wide Widescreen (16x9))
Choose this setting if your DVD recorder is connected to a widescreen TV.

NOTE: Depending on the format of the DVD disc, e.g. 2.35:1 the picture may still have black lines above and below the picture.

2.2.3 SCREENSAVER

This menu option allows user to activate screensaver while the unit is not in use for a while.

2.3 AUDIO

2.3.1 DOWNMIX

Downmix means mixing 5.1 channels down to two channels. When Downmix is "Off" you will see all possible settings for 5.1 speaker systems. Set these options to agree with the speakers installed in your home entertainment system.

Stereo: Two channels stereo. Use this option if you have a stereo TV or a HI-FI stereo system.
Surround: Surround encoded output.
Off*: Downmixing will be turned off. Multi-channel analog audio is available.

2.3.2 S-PDIF OUTPUT

This item can be selected as "RAW" or "LPCM".

2.3.3 LPCM OUTPUT

This item can be selected as "LPCM 96K" or "LPCM 48K".
Choose "LPCM 96K" if your AV amplifier/receiver is compatible with 96K sampling rate audio, otherwise leave it set to "LPCM 48K".

2.3.4 DYNAMIC RANGE

Dynamic range adjusts frequency response. This control is useful to turn down the level of loud passages (explosions, car crashes, and etc.), while at the same time keeping soft passages loud enough to hear them clearly.

Full: The range between loudest and softest is compressed to the maximum.
Off: There is no compression. You can adjust the level of the dynamic range compression to different levels between off and full. The other settings are expressed as a fraction of the full dynamic range.

2.4 LANGUAGE

2.4.1 AUDIO LANGUAGE

You can select default audio language by this option. The selected audio language will be activated, if supported by the disc played.
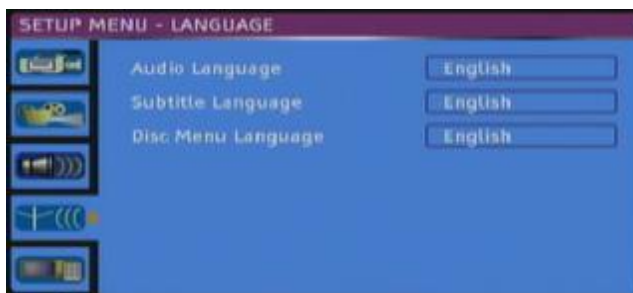
2.4.2 SUBTITLE LANGUAGE

You can select default subtitle language for DVD discs by this option. The selected subtitle language will be activated, if supported by the disc played.

2.4.3 DISC MENU LANGUAGE

You can select default DVD disc menu language by this option. The selected DVD disc menu language will be activated, if supported by the disc played.

2.5 PREFERENCES
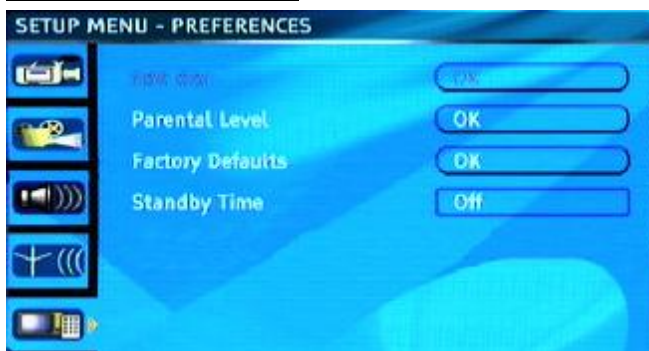
2.5.1 EDIT DISC

ERASE DISC

This menu option is used for erasing a recorded DVD+RW/ DVD-RW* disc.A warning dialogue asking whether you want to erase or not will be displayed.Select Yes to start erasing disc or select No to return to the Setup menu.
NOTE: This option is enabled if only the disc is not in use. If you're

playing the disc or viewing title menu (Root), please exit from DVD

mode and select this menu option for erasing the disc.
FINALIZE DISC (A disc must be finalized to play on another DVD player).

This menu option is used for finalizing a recorded DVD+R/ DVD-R/ DVD-RW * disc. It is not possible to do any operation on the disc after this process. A warning dialogue asking whether you want to finalize or not will be displayed. Select Yes to start finalizing disc, or select No to return to the Setup menu.
EDIT DISC

This menu option is used for viewing Disc Edit Menu of DVD+R/RW/ DVD-R/RW* discs.
You can perform disc edit operations such as play disc, rename disc or record a new title with this menu.
For the details, please refer to Section 2.4.
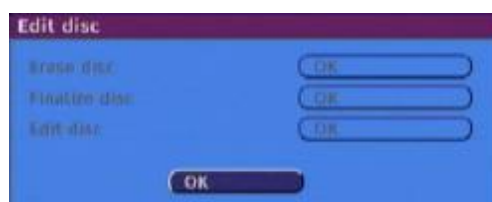
2.5.2 PARENTAL LEVEL

Parental Level menu option will not be available if the player is in RESUME (Pre-Stop) mode.

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

Parental level can be adjusted to one of the eight levels or "NO PARENTAL". "NO PARENTAL" or level "8 ADULT" adjustments let you watch all of the DVD titles ignoring that DVD disc's parental level. You can watch the DVD discs, which has the same or lower parental level than the recorder's level only.

CHANGE PASSWORD

The password for parental level and menu lock can be set and changed by using this option.

The default password is: 0000.

You have to set a XXXX digital password when it is the first time to select a parental level.

You have to enter your password every time you want to watch a movie with a higher parental setting or to change the parental level of the system.
To change the password, you will be prompted to enter your old password. After that, it becomes possible to enter a new 4-digit password.

Enter password: Enter your current password (four numbers you previously set in here)

Enter new password: Enter your choice for a new password.

Confirm new password: confirm new password by entering again. Select "OK".

NOTE: Do not forget your password. Otherwise you can use the password at last page, to enter this menu.

2.5.3 FACTORY DEFAULTS

When you choose Factory Defaults option, after resetting all your Setup options back to factory settings, the device will switch to standby mode automatically. When the standby button is pressed in order to switch the device on, initial setup starts.
CAUTION: Parental level and parental password do not change. During this operation, there is no message in device display.

2.5.4 STANDBY TIME

You can set the standby time as 5, 15 or 30 minutes or set it off by choosing "Off" option from the menu. The unit goes to standby state if one of the time options is selected and no key press occurs for the selected time duration while in stop mode.

NOTE: In monitor mode,device will not switch to standby mode.

3. FREEVIEW MENU

In FreeView Mode, if you press MENU key on remote control, this menu will be displayed.

3.1 CHANNEL LIST

Here, you can preview any channel stored by the receiver before viewing it full screen. The complete list of channels is displayed in pages of 10 channels at a time, with their channel list number. The name and a quarter-screen preview of the channel last viewed is displayed in the top right of the screen.

DELETE

To delete a channel from the list, highlight the channel to be deleted using **5/6 keys**, then highlight the DELETE button using **3/4** and press SELECT. The highlighted channel is deleted from the list after confirmation.

EDIT NAME

The channel names which appear in the channel list and the information banner are assigned by the broadcasters. You can edit the names to suit your preferences with the Edit Name function. Highlight the channel to be renamed, highlight the EDIT NAME button at the base of the screen using the **3/4** keys, and press SELECT. The highlighted channel name appears on the right of the screen with the first character highlighted by a cursor. Any of the characters that make up a channel name can be highlighted using the **3/4** keys and the highlighted character changed by pressing the **5/6** keys to cycle through the alphabet, numbers and other characters available.

CHANNEL LOCK

Some channels broadcast material which you do not want younger members of the family to watch. Any channel can be 'locked' so that it cannot be selected for viewing without first a four-digit PIN code being entered. In this way any channel not suitable for younger viewers can be protected.

The channel lock is applied in the Channel List menu. Highlight the channel to be locked using the **5/6** keys. You can move through the list 10 channels in one jump using RED or GREEN. Now select the LOCK button at the base of the screen with the **3/4** keys and press SELECT.

NOTE: Do not forget your new password. Otherwise you can use the password which is stated at last page, to enter the locked channel.

A window requesting the PIN code is displayed and the four-digit code should be entered using the number keys on the remote control, followed by the SELECT key. A lock icon is then displayed alongside the channel name in the channel list.

You can now leave the Channel List screen and return to normal TV viewing by pressing MENU. Any attempt to change channel to the locked channel will now display the same window requesting the PIN code and the channel will only be displayed on entry of the correct code. To remove the lock on a channel, repeat the same process as to lock the channel.

FAVOURITES

Any channel can be a favourite channel and the Favourites menu is used to label those channels you want as favourites.

In channel list highlight "Favourites" by pressing **4** key and then highlight each channel that you desire, using the **5/6** keys and press SELECT. A channel selected as a favourite appears in the main favourite list with a favourite icon next to the channel name. The favourite status of a channel can be removed by repeating this procedure. Leave the Favourites menu by pressing MENU.

Once the desired channels have been marked as favourite channels, the favourite mode can be activated to allow easy access to them. Press the MENU key to display the Main Menu and highlight Configuration and press SELECT to open Configuration screen. Highlight the Favourite Mode line and use the **3/4** keys to change the status and press SELECT to apply the settings.

When you leave the Configuration menu by pressing MENU the favourite mode is activated. Now, changing channel using the PROGRAM + /- keys will switch to only those channels marked as favourites in the channel list. Similarly, the on-screen list in the electronic program guide contains only the favourite channels. You can still access all the channels in the channel list by keying in their channel list number or by selection from the Channel List screen.

Alternatively you can switch off the favourite mode from the Favourite Mode line of the Configuration menu or by pressing FAV button on the remote control .

Hint: *The favourite mode can only be activated if one or more channels in the channel list are marked as favourites. Similarly, if the favourite status is removed from all the channels in the Channel List, the favourite mode is turned off automatically.*

3.2 INSTALLATION
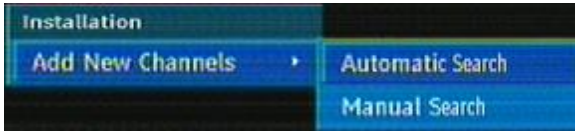
AUTOMATIC SEARCH

Although your FreeView receiver will not loose its settings or stored channels when switched off, you may wish to reinstall the receiver because you have moved to a different area with different broadcast frequencies, you wish to reinstate a channel previously deleted from the channel list, or you want to watch new channels which have started broadcasting.

Press the MENU key to display the Main Menu and using the 5/6 keys, highlight the Settings line and press SELECT to display Settings Menu. Then highlight Installation line and press SELECT to open the Installation Menu. You can either perform an automatic search or manual search to add channels.
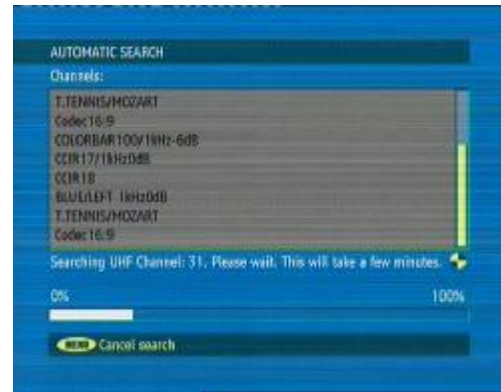
MANUAL SEARCH

The FreeView receiver can search for channels automatically (searching all the broadcast frequencies for free-to-air channels) or manually (searching one specified broadcast frequency only for any channels to be found there).

This is for searching for digital channels on a single broadcast frequency. The frequency channel number (21-68) is entered in the box at the top left of the screen and the received signal level and signal quality can be observed on the two bar graphs at the bottom. When SELECT is pressed, the receiver searches that frequency and display a list of the channels found before returning to the Installation menu.

3.3 CONFIGURATION

Many aspects of your FreeView receiver can be set up to reflect your circumstances and preferences. The Configuration menu screen is accessed from the Settings Menu. Press the MENU key to display the Main Menu and use 5/6 keys to highlight Settings line then press SELECT key to open Settings menu. Again use 5/6 keys to highlight Configuration line and press SELECT key to open configuration menu screen. By means of this menu you can configure the unit.

AUDIO LANGUAGE
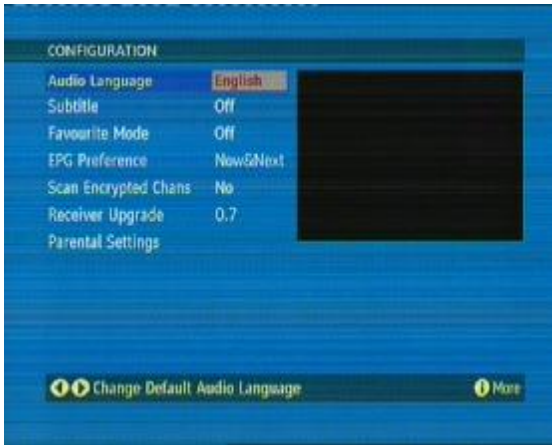
Change Audio language by using **3/4** key.

SUBTITLE (Only for FreeView)

Digital terrestrial television channels can be broadcasted with subtitles displayed on-screen for the hard-of-hearing. This function enables the automatic display of subtitles whenever subtitle information is broadcast.

Highlight the Subtitle line in the Configuration menu and use **3/4** keys to cycle through the On and Off options. Exit from this menu by pressing the **MENU** key.

NOTE: Audio and subtitle settings set in FreeView mode are not effective in DVD mode.

FAVOURITE MODE

This function enables or disables the favourite channel list mode. In this mode you can also choose favourite channel list.

CHANNEL LIST

There are three kinds of channels which are TV, radio and text channels. This function enables or disables the categorized channel list mode.

EPG PREFERENCE

Highlight the line in the configuration Menu and use the **3/4** keys to cycle through the Now & Next and 7-Day options.

SCAN ENCRYPTED CHANNELS

You can prefer scanning encrypted channels by selecting YES, or prefer skipping them by selecting NO from this menu. However as the channels are encrypted you will not be able to see the full programme. Only the previews (if broadcast) may be viewed.

RECEIVER UPGRADE

This device has stable and convenient software. Nevertheless, in order to improve the performance or for the sake of adapting to new technologies, a newer software may be released. One of the ways to update your device with new software is Over Air Download (OAD). This device has BCC compliant OAD feature. When a new software is available and broadcasted, this device can search , download and update its software either by your command or automatically, over-night. Every night between 3:00 am and 03:30 am, device searches for new software. If a newer version is available, it will download and update the system automatically. The next time you start your device, new software will be activated. Note that if you set a timer from a freeview channel between that interval, OAD process will be automatically postponed to next day.

You can also search for new software manually, at any time. To search for new software manually, go to Freeview Menu>Settings>Configuration and select Receiver upgrade. Your device start searching for a new version and if it finds, it will download and update the system automatically. After update is completed, to activate new software all you have to is to pull the plug out and then plug in.

PARENTAL SETTINGS

This function controls menu protection. For changing PIN code, please refer to section 2.5.2.

Menu Lock

Simply locking a channel will not deflect a determined would-be viewer. Re-installing the complete channel list, for example, will bypass the channel lock. However, the menus can be locked out of use too, to prevent this.

With the Menu Lock line highlighted, use **3/4** to cycle the menu lock setting through Disabled, Main Menu and Installation. The Main Menu setting will lock out the complete menu system; the Installation Menu setting locks only the Installation menu and the Disabled setting allows free access to any of the menus.

You must return to normal TV viewing by pressing the **MENU** key (three times) to activate the lock. Now any attempt to access the locked menus will display the PIN request window and the menus will only be displayed on entry of the correct PIN code.

3.4 LANGUAGE

Select LANGUAGE from Main Menu and then highlight one of the audio and/ or subtitle options, supplied by the current broadcast, using **5/6** keys and press **SELECT**.

4. DISPLAY MENUS

Display menus are activated by pressing DISPLAY key while disc is in playback.

DISPLAY MENU (DVD)

▶ DVD	
MODE	NORMAL ▶
TRICK	▶
TITLE	01/03
CHAPTER	01/31
AUDIO	01/01-5.1CH Englis
SUBTITLE	01/03-English
ANGLE	01/01
ZOOM	ZOOM OFF
TIME	00:00:11/00:00:12

DISPLAY MENU ((S) VCD)

▶ VCD	
MODE	NORMAL ▶
TRICK	PreSTOP
TRACK	01/01
AUDIO	STEREO
PBC	PBC ON
ZOOM	ZOOM OFF
TIME	00:00:22-00:57:58

DISPLAY MENU (CD-DA)

▶ CDDA Play	
MODE	NORMAL ▶
TRICK	▶
AUDIO	STEREO
TRACK	01 / 13
TIME	00:00:11-00:03:42

DISPLAY MENU ()

File Play	
TYPE	AUDIO ▶
MODE	NORMAL
TRICK	■
TRACK	00 / 00
TIME	0:00:00 / 0:00:00

DISPLAY MENU (MPEG)

File Play	
TYPE	VIDEO ▶
MODE	NORMAL
TRICK	■
ZOOM	ZOOM OFF
TRACK	00 / 00
TIME	0:00:00 / 0:00:00
AUDIO	2 CH

DISPLAY MENU (JPEG/STILLPICTURE)

File Play	
TYPE	PICTURE ▶
MODE	NORMAL
TRICK	■
WIPE	Top to bottom
ZOOM	FITSCREEN
ROTATE	CLOCKWISE 0
TRACK	00 / 00

NOTE: When there is a recordable disc in disc tray, if you press VIDEO SOURCE button the source of video changes, by pressing DISPLAY key, display menu appears on the screen.

5. DISC EDIT MENU

Disc Edit Menu will be activated by pressing **4** key of the remote control on the disc thumbnail picture. If you press **5** key while the first title picture is focused, you can view the disc thumbnail picture.

For DVD +RW

For DVD +R/DVD-R

For DVD -RW

Play: You can play the recorded disc from the first title.

Rename Disc: You can change the disc's name by this option.

Erase Disc: This option allows you to erase the recorded disc if it's DVD+RW or DVD-RW.

Record a New Title: This option allows you to record a new title to the disc.

Overwrite Disc: With this option you can overwrite all titles in the disc.

Lock Disc: You can lock the disc in order to protect from overwriting or continuing to record. Only you can play the disc.

Unlock Disc: You can unlock the disc and continue to record.

NOTE: You can see "Unlock Disc" option if the disc is locked before.

Finalize Disc: It finalizes the disc recorded. It is not possible to do any operation on the disc after this process (available only with DVD+R or DVD-R/ DVD-RW).

When a DVD+R/ DVD-R disc runs out of recording space, the disc is automatically finalized after finishing recording. Therefore, further editing will not be possible.

6. TITLE EDIT MENU

Title Menu lists all the actions you can do with the titles recorded on a recordable disc. It will be activated by pressing ◀arrow key of the remote control on the thumbnail picture of the title.

Play Title: You can press SELECT and play the selected title on the disc.

Rename Title: You can rename the title.

Erase Title: This option allows you to erase the selected title (available only with DVD+RW or DVD-RW).

Overwrite Title: You can overwrite and record another title onto the selected title (New title cannot be longer than the overwritten one) (available only with DVD+RW or DVD-RW).

Overwrite Disc: With this option you can overwrite all titles in the disc(available only with DVD+RW or DVD-RW).

Append Title: A new recording can be appended to the last title(available only with DVD+RW or DVD-RW).

7. PLAYBACK

7.1 Preparing For Playback (All Discs)

Ø   To playback a disc, turn on the TV.

Ø   If the DVD Recorder audio outputs are connected to an A/V receiver, turn on the receiver and make the appropriate selections to play audio from the DVD Recorder. Otherwise connect audio output to TV input.

Ø   Set options in the setup menus that are appropriate for your speaker arrangement and configuration, for the video standard (PAL or NTSC) of your television monitor, and for the video picture aspect ratio.

Ø   For a DVD, check packaging and determine whether the parental control level and local setups are appropriate for your country. Refer to setup menus for the Country and Parental controls.

Ø   DVDs are encoded for six different regions. Check that the region designated on the DVD packaging conforms to your region. You cannot make any changes in the setup menu that will effect the region encoding.

7.2 Inserting a Disc in the Tray

Insert a disc in the DVD Recorder tray with the shiny side down. Note that some discs shine more than others. In the case of commercial CD's, the disc identifying information is printed on the "top" side of a disc. Do not insert more than one disc in the disc tray at a time.

NOTE: If the disc is placed in upside down (and it is a single sided disc), the VFD display on the DVD recorder will indicate NO DISC.

7.3 Basic Playback (DVD, (S) VCD, CD-DA, JPEG, MPEG)

Some playback operations and interactivity features of DVD and may be intentionally fixed by the software producer. Accordingly, some playback features may not be available. You should refer to the instructions supplied with the DVD. The simplest way to playback a disc is to follow this procedure.

1   Press on the STANDBY key.
2   Press OPEN/CLOSE to open the disc tray.
3   Place a disc onto the tray.
4   Press OPEN/CLOSE.

The disc tray is automatically closed and play commences.

DVD: A menu may appear on the TV screen after a moment or the film may start immediately after the introduction of the movie company. You can select a specific scene to play if provided in this menu. This behaviour depends on the disc content and may change.

This statement assumes that parental controls are off or set in such a way to allow the disc to play unimpeded and also the region of DVD conforms to your region.

(S)VCD:
- **With PBC:** If disc contains a menu, it will appear on the screen after a moment. You can select a specific scene to play, if provided in this menu.
- **Without PBC:** It plays the content.

CD-DA: CD menu appears, tracks are listed on the screen. It starts playback of the first track automatically.

JPEG / MPEG : CD menu is appeared, all files and folders are listed on the screen.

5   If a menu is active on screen, press arrow keys to navigate or press SELECT to select a menu item.

7.4 Stopping Playback (DVD, (S) VCD, CD-DA,, JPEG, MPEG)

DVD / (S) VCD: Press STOP (■) twice.

- During normal playback press STOP (■). The unit memorizes the point where STOP (■) was pressed once (RESUME/Pre-Stop function) and a message "Press PLAY to continue" will appear on the screen. The screen displays a stationary logo or the screensaver is displayed after a timeout interval. Press PLAY/PAUSE (►/;) again while the screensaver is not active, and play will resume from this point. If the tray is opened or the STOP (■) is pressed again, the RESUME (Pre-Stop) function will be cleared.

CD-DA / / JPEG / MPEG : In PLAY or PAUSE state, when the STOP (■) key is pressed once, playback is stopped permanently. Press PLAY/PAUSE (►/;) for starting from the beginning.

7.5 Pausing Playback (ALL DISCS)

1. Press the PLAY/PAUSE (►/;) key any time during playback of a disc.

A "freeze frame" is created that stays on the screen until you resume playing the disc. Sound is muted during still playback.

2. To resume playback, press the PLAY/PAUSE (►/;) key.

7.6 Removing a Disc (ALL DISCS)

Press ▲ on the remote control or eject key on the front panel. Remove the disc and press the same key to close the tray.

7.7 Repeat Play

Repeat play modes are activated by pressing REPEAT during playback and vary with media. Each time this key is pressed, a different repeat box is displayed on the screen.

In NORMAL mode the repeat mode is disabled.

DVD: CHAPTER REPEAT, TITLE REPEAT, DISC REPEAT, NORMAL

(S) VCD / CD-DA: TRACK REPEAT, DISC REPEAT, NORMAL

JPEG / MPEG : TRACK REPEAT, FOLDER REPEAT, NORMAL

7.8 Repeating a Specific Segment A to B (DVD, (S) VCD, CD-DA, JPEG, MPEG)

This method of repeating a segment on a disc relies on designating points on the disc to delineate where to start and end.
1. As the disc plays, press A-B key. "A_" is displayed.
2. At the point you want to end the segment press the A-B key again.
3. "A-B REPEAT" is displayed and the repeat play of the selection between points A and B starts.
4. To end repeat play of the segment you designated, press the A-B key.

7.9 Displaying a Scene with a Larger and Closer View

The zoom in function enables you to take a closer look at the scene you are viewing that is especially a considerate function when you are watching science fiction or adventure films.
DVD / (S) VCD: By pressing ZOOM key consecutively you can get to "Zoom %150", "Zoom %200" modes.
JPEG: In playback of the JPEG files, first press of the ZOOM key makes it go into the ZOOM ON mode. To increase magnification press SEARCH (►►) key consecutively. You can get to %12, %25, %50, %100, %200, %400 and FITSCREEN modes.
Pressing ZOOM again will return to ZOOM OFF mode and the picture is now in its normal size.
To start slide show again, press PLAY/PAUSE (►/;) key.
NOTE: You can move in the picture i.e. change the zoomed location by using the (3/4/5/6) arrow keys (DVD, (S) VCD, and JPEG).

7.10 Selecting Subtitle Language (DVD) (Displaying / Changing Subtitle Language)

DVD: It is possible to change the subtitle language from the one selected at the initial settings to a different language available on disc or to turn it off, if available. (This operation works only with discs on which multiple subtitle languages are recorded, and also if it is not prohibited by the disc.)

Press SUBTITLE during playback.

When this key is pressed once, the first subtitle recorded on the disc will be displayed. The rest of the subtitles recorded will be displayed in sequence at each press of the SUBTITLE key.

NOTES:
- When the preferred language is not selected even after pressing the key several times, it means that the language is not available on the disc.
- When the recorder is restarted or the disc is changed, the subtitle selection is automatically changed back to the initial settings.
- Usually a circulation will happen while switching to another language. Thus in order to cancel the subtitle press this key a number of times until "SUBTITLE OFF" appears on the screen.

NOTE: If the characters in the selected subtitle are not displayed correctly, from OSD language option in the Setup Menu, change the subtitle language to the one you want to display.

7.11 Changing Audio Soundtrack Language (DVD, MPEG)

Your default language choice is determined by the language you set in the Language, Audio Language menu. Typically a DVD will have a menu that you can make a language selection from, before starting playback or after the playback begins. Moreover, using the remote control; AUDIO key allows switching between audio tracks once a DVD has started playing. It is also valid for MPEG videos.

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

NOTE:
- When the preferred language is not selected even after pressing the key several times, it means that the language is not available on the disc.
- When the device is turned on or the disc is removed, the language heard is the one selected at the initial settings. If the language is not recorded on the disc, only the available language on the disc will be heard.

7.12 Changing the Camera Angle (DVD)

Some DVDs provide multiple shots of a selected scene each from a different camera angle, so you can choose which angle you are most interested in viewing. A small icon appears on the screen when multiple angles are available.

Press ANGLE during playback.
The current angle is changed.
Press ANGLE a number of times until the preferred viewing angle is selected.

NOTES:
- This function will only work on discs where different angles have been recorded. The number of recorded angles differs depending on the disc used.

- If you press ANGLE outside of a multi-angle scene on a multi-angle title, you will see that is displayed. It means that only one angle is currently available.

7.13 Fast Forward / Backward

Press SEARCH (◄◄) or SEARCH (►►) on the remote control during playback.
The speed of advance or reverse changes at each press of the SEARCH (►►) or SEARCH (◄◄) key.
Pressing SEARCH (◄◄) key in Fast Forward state and pressing SEARCH (►►) key in Fast Backward state decreases the scan speed.
To resume the normal playback press PLAY/PAUSE (►/;) key.

JPEG:
In ZOOM ON mode; SEARCH (►►) key is used to zoom in, SEARCH (◄◄) key is used to zoom out the picture.
Supported speeds:
DVD: x2, x4, x8, x16, x32   **(S)VCD:** x2, x4, x8, x16, x32
CD-DA: x2, x4, x8, x16   **MPEG:** x8, x16, x32

NOTE: The fast forward and backward operations are not circular. The sequence for the fast forward and backward is as follows:
(FR x32, FR x16, FR x8, FR x4, FR x2, PLAY, FF x2, FF x4, FF x8, FF x16, FF x32)
Audio is muted during fast forwarding or reversing.

7.14 Slow Forward Playback (DVD, (S) VCD)

Slow-motion playback is good for searching or just observing a small section of the disc. To begin slow-motion play forward, first press <mark>PLAY/PAUSE</mark> (►/;) once during playback. The screen suspends.

Then, press <mark>SEARCH</mark> (►►) on the remote control during playback.

You can increase or decrease the speed of the slow-motion play by pressing <mark>SEARCH</mark> (►►) or <mark>SEARCH</mark> (◄◄). The speed of slow motion is displayed on the screen each time you change it.

Supported speeds:
DVD: x1/2, x1/4, x1/8, **(S) VCD:** x1/2, x1/4, x1/8

NOTE: The sequence for the slow-motion is as follows:
(PAUSE, SF 1/2x, SF 1/4x, SF 1/8x)
Audio is muted during slow-motion playback.

7.15 Skipping Ahead or Back (DVD, (S) VCD, CD-DA, JPEG, MPEG)

7.15.1 Skipping Ahead

Press <mark>SKIP</mark> (:) on the remote control or on the main unit during playback.
DVD:
In any playback state, a chapter or title is skipped forward depending on the information on the disc each time the key is pressed.
(S)VCD:
With PBC: In any playback state, next entry point in the current track is started.
Without PBC: In any playback state, the next track is started.

CD-DA, , MPEG:
Next track is played in any playback state.

JPEG: Next picture is displayed.

7.15.2 Skipping Back

Press <mark>SKIP</mark> (**9**) on the remote control or on the main unit during playback.

DVD: In any playback state, a chapter or title is skipped backward depending on the information on the disc each time this key is pressed.

(S)VCD: with PBC: In any playback state, previous entry point in the current track is started.
without PBC: In any playback state, the previous track is started.

CD-DA, : In any playback state; when the key is pressed once after 5 seconds through a track, play returns to the start of that track. Otherwise, previous track is played.

MPEG: Previous track is played in any playback state.

JPEG: Previous picture is displayed.

7.16 Step Forward (DVD, (S) VCD)

Press <mark>PLAY/PAUSE</mark> (►/;) once during playback.
The screen suspends.

Press <mark>SKIP</mark> (:) on the remote control or on the main unit during playback.
The next frame of the movie is displayed and press <mark>SKIP</mark> (:) for the following frames.
Audio is muted during frame advance.
To return to normal playback press <mark>PLAY/PAUSE</mark> (►/;) key.

7.17 Locating a Specific Title or Chapter, Using the MENU or TITLE Button (DVD)

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

To play a specific title on a DVD, you can use the MENU or TITLE key to display a menu to make your title and chapter selection. The procedure described here is general in nature. If the steps do not seem appropriate for the DVD you are attempting to play, disregard these instructions and follow the instructions that appear on the screen.

1   During normal playback, press MENU or TITLE.
      The screen displays a menu. The menu may not contain all the chapters in the movie title. However, the disc creators provide additional menus to navigate, which cover all the chapters. Use the arrow keys to navigate on menus.
2   Position the screen highlight over your selection and press SELECT. Alternatively, you can press the number of the desired chapter.

7.18 Browsing For a Specific Chapter/Title (DVD)

Press SEARCH MODE on the remote control during playback "once" for titles (if more than one title is available) and "two times" for chapters (if more than one chapter is available).

The chapter/title search box is displayed on the screen. You can see the total numbers of titles/chapters as --/xx. Enter the number of the title or chapter using number keys.

The selected title or chapter is played just after you enter number and wait for 4-5 seconds.
NOTE:
- If you attempt to enter a number greater than the total number of titles/chapters, it clears the numbers entered, displays (chapter/title) / xx and continues to play.
- If you wait more than five seconds without pressing any number, the operation is cancelled.

7.19 Moving To a Specific Elapsed Time (DVD, (S) VCD)

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

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

The title is played beginning from the desired time just after you enter the time and press SELECT key, if not prohibited by the DVD.

(S)VCD: You can view (S) VCD according to the disc or track time any time you want.

Press SEARCH MODE on the remote control "once" during playback for disc time search. In order to start from any time within a track, press SEARCH MODE "two times" during playback.
The time search box is displayed on the screen. You can see total runtime of the track or disc as --:--:--/xx:xx:xx

Enter the time using number keys.

The track or disc is played beginning from the desired time just after you enter the time and wait for 4-5 seconds or press SELECT key.
NOTES:
- If you attempt to enter a number greater than the total time, it clears the numbers entered and continues to play.
- If you wait more than five seconds without pressing any key for selecting scenes by time operation is cancelled.

7.20 Browsing For a Specific Track/Time (CD-DA, MPEG, JPEG)

Press SEARCH MODE on the remote control.
Enter the number of the track you want to play by using number keys.
The selected track is played just after you enter number and wait for 4-5 seconds or press SELECT key.
Second press of SEARCH MODE key on the remote control will make you time search of the playing media (except JPEG). (Only in playback state)
The time search box is displayed on the screen. You can see total runtime of the track as --:--:--/xx:xx:xx.
Enter the time using number keys.
The track is played beginning from the desired time just after you enter the time and wait for 4-5 seconds or press SELECT key.

7.21 Checking Elapsed/Remaining Time (except JPEG)

To determine how long a file has been playing, you can check the elapsed time by pressing DISPLAY key. You will see the display menu on the screen and you can select track's/chapter's elapsed/remaining time or disc's/title's elapsed/remaining time from the menu option. The chosen time style will also be shown on the VFD. To close the display menu press DISPLAY again.

7.22 Changing Audio Format

Press AUDIO on the remote control at tuner mode to change audio format between Mono / Stereo / Dual A / Dual B if the TV channel supports more than one format.

7.23 Playback Control ((S)VCD)

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

TITLE key is dedicated to PBC "playback control" during playback. You can change PBC mode with TITLE key or with PBC menu item on the Display menu.

PBC option will be on by default.

7.24 Playback Modes (CD-DA, JPEG, MPEG)

Press PLAY MODE on the remote control.
Display menu will appear on the screen and pressing PLAY MODE consecutively, you can change playing options of the tracks as below.

CD-DA, :
Program
You can prepare a playlist with this option. The same type of files can be arranged to build a playlist (Only valid for CD-DA, , JPEG and MPEG files).
Select files with **5/ 6** keys and add file with ADD key on remote control to make the playlist. To remove added files from playlist, come upon to file with **3** key and press CLEAR key on remote control.

Press PLAY MODE key to switch to the program mode. It starts playing the playlist immediately.

All playback operations are available in the playlist you prepared.

Random
When this play mode is selected, the tracks in the current folder will be played once in a random order.
Intro Play
Intro menu is used for introducing the content of the disc. It plays only for first 10 seconds of each track and then passes to the next track.
Normal
Tracks in the current folder will be played sequentially.
JPEG, MPEG: Intro mode is not available with JPEG and MPEG files. But other options are the same.

7.25 Simultaneous Playback (JPEG)

If your disc has both and JPEG files, you can listen audios while viewing JPEG files.

When you start slideshow of the JPEG files, you can select and listen to an file simultaneously.
You can control these two types separately by using their relational display menus. If AUDIO is selected as TYPE you can control playback options. Similarly, if PICTURE is selected you can control JPEG playback options.

8. FREEVIEW FEATURES

8.1 Digital Teletext

Many digital terrestrial television channels not only broadcast video and sound for programs but also pages of information on the programs, the weather, news and many other topics. This digital teletext can be displayed by the FreeView receiver.

Some channels are entirely given over to digital teletext and carry no normal TV program at all. These dedicated digital teletext channels will not give a quarter-screen display in the Channel List screen. When such a channel is selected, after a brief pause, they will usually display the opening page of information automatically.

Other channels have digital teletext pages broadcast alongside the television program and often include a reduced-size broadcast picture within digital teletext pages. These usually require the TEXT button to be pressed to activate the digital teletext pages.

In both cases, moving through the different pages of information is accomplished in a variety of ways, dependent on the individual broadcasters, but including use of the 5/6/3/4 and SELECT keys to select items from on-screen menus, and the coloured keys to jump directly to particular pages.

You can exit any digital teletext channel by changing channel in any of the normal ways. You can leave the digital teletext function of a combined digital teletext/program channel, to return to normal television viewing of that channel, by pressing the TEXT key.

Hint: Calling for the information banner or any menu on-screen stops the receiver from displaying the digital teletext pages and they are temporarily replaced by a blank picture while the banner or menu is displayed.

8.2 Widescreen

TV sets are available with screens of the standard (4:3) format and widescreen (16:9) format. Digital terrestrial television broadcasts are also made in both standard and widescreen formats.

You can use WIDE key to change display format (aspect ratio). With a widescreen TV set displaying a standard format program, the WIDE key switches between displaying the picture with black bars down the sides, and enlarging the picture so that it fills the whole width of the screen but the top and bottom are cropped off.

With a standard format TV displaying a widescreen program, the WIDE key switches between displaying the picture with black bars at the top and bottom of the screen, and filling the whole height of the screen but cropping the sides off according to instructions broadcast with the program (called 'pan and scan').

The effect of the WIDE key on the screen display is cancelled by pressing WIDE again. (Only for FreeView)

8.3 Subtitle

Subtitle key shows/hides subtitles of channel. When the subtitle key is pressed, subtitle ON/OFF message is displayed.

NOTE: This feature is available only if the channel provider supports.

8.4 Electronic Program Guide (7- Day - EPG)

In no menu mode, EPG Menu is reached by pressing GUIDE key and quitted by pressing GUIDE key again. In EPG Menu all channels are displayed. Current program is highlighted. Use 5/6 keys to change channels.

Some, but not all, channels send information about the current and next events. Please note that event information is updated automatically. If there is no event information data available in channels, only channel names with "No Information" banner are displayed. If you highlight an event, short event description, extended event description, start and finish times of event are displayed on the screen. In EPG Menu, you can easily see the extended help information by pressing INFO key and by pressing this key again you can close this window.
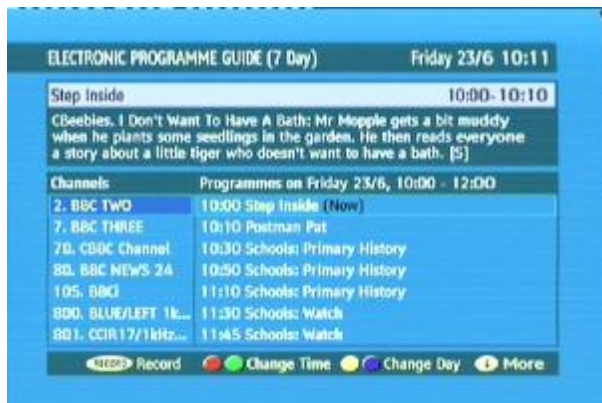
If you press SELECT when a next event is highlighted, an info banner appears asking for setting Reminder or Record. If you select "Reminder", a reminder is set for the highlighted program and a clock appears on the screen. Program reminders can be set to signal that a program is about to start when you are watching another channel. If you set reminder to a program, then you will be asked for switching to that channel when the reminder time is reached. When the current program is highlighted, the current view is switched to the highlighted channel by pressing OK key.

Press MENU key to view the 7 day EPG. Press 5/6 to navigate in Channels or Programs. Use 3/4 key to navigate through the channel and program list. Using RED/GREEN keys you can change schedule time. By pressing YELLOW/BLUE you can advance the schedule backward/forward of a day. If you press INFO key you can see easily the detailed help information and by pressing info key again you can exit Help menu.

NOTE: When info banner is active and SELECT key is pressed, Now & Next EPG appears on the screen. By means of YELLOW and BLUE buttons you can achieve previous and next time. Only when info banner runs you can get information with BLUE and YELLOW keys.

The starting time for EPG is the current time. You can see the event information for the next two hours. By pressing 5/6 key, you can go to the next/previous hours. If you press SELECT when a next event is highlighted, a reminder is set for the highlighted program and a clock appears on the screen. Program reminders can be set to signal that a program is about to start when you are watching another channel. If you set reminder to a program, then you will be asked for switching to that channel when the reminder time is reached.

9. MANUAL RECORDING

9.1 General Information

With this DVD recorder, you can record on four types of DVD.

DVD+RW and DVD-RW
These discs can be recorded and erased multiple times.

DVD+R and DVD-R
These types of discs can only be recorded until the disc is full or you finalize the disc. After that, it is not possible to make further recordings on the same disc.
NOTE: If the disc was previously recorded, formatted or erased on any other recorder or PC, please first erase the disc with this device, before starting record operation. Nevertheless, if you try to record to such a disc, a warning message will appear. This message explains that the disc is not compatible and it has to be erased. Select Yes to erase the disc or No to cancel erase and record operations.

9.2 Recording Setup

From the setup menu, choose Recording to set up the recording quality and auto chaptering periods. Recording qualities that may be chosen are: HQ (High Quality), SP (Standard Play), LP (Long Play), EP (Extended Play), SLP (Super Long Play). You can also change record qualities by pressing RECORD MODE key on the remote control.

Auto chapter durations are: 5, 10, 20, 30 minute, it can be deactivated also by choosing OFF.

9.3 Selecting Source

Video input source modes: FreeView, SCART, Front CVBS, Front S-Video. Please checkout your setup before starting a record process and assemble the correct configurations for starting record process.

Press VIDEO SOURCE on the remote control. The type of source changes for every press of the VIDEO SOURCE key.

9.4 How to Initiate and Stop Recording Process

After being sure about your device setup and general recording setup, be sure there is a recordable DVD in tray. Now you are ready to record. Then press RECORD key on your remote control or front panel of device. Recording process will start. To stop the recording process, press STOP button.

OTR (One Touch Recording)
Every press of **RECORD** key will increase recording time for 30 minutes after recording has been started. The timer list is circular so after the maximum recording time, it returns back to the beginning. OTR time periods are followed as:

HQ: 30 min, 60 min
SP: 30 min, 60 min, 90 min, 120 min
LP : 30 min, 60 min, 90 min, 120 min, 150 min
EP : 30 min, 60 min, 90 min, 120 min, 150 min, 180 min, 210 min, 240 min
SLP : 30 min, 60 min, 90 min, 120 min, 150 min, 180 min, 210 min, 240 min, 270 min, 300 min, 330 min, 360 min

9.5 How to Watch Another Channel at TV During Recording

This feature is valid only for scart connection to TV. Press TV/DVD key on remote control. This will disable the scart output of the unit. By using program **5/ 6** or numerical keys of your TV remote control and press SELECT, you can now use and watch the TV's own channels. In order to enable the scart output of the DVD recorder, press TV/DVD key again.

9.6 Pause Recording

In order to pause recording process, press PLAY/PAUSE(►/;) key.
Press RECORD key to resume recording.
NOTE: If you try recording to a pre-recorded DVD+RW disc that is recorded on different platform or PC, a warning message will be appeared. This message explains that the disc is not compatible and it has to be erased. Select Yes to erase disc or No to cancel erase and record operation.

9.7 Inserting Chapter

INSERT CHAPTER key on the remote control divides current chapter into two chapters from the moment you press this key while recording.

10. TIMER RECORDING

10.1 General Information

You can use programmed recording (timer) to automatically start and stop a recording at a later time. The DVD Recorder will switch to the selected program number and begin recording at the selected time.

To make a programmed recording, your DVD recorder needs to know:
- the input source you want to make recording (FreeView program number,Scart,Composite,S-Video)
- the recording quality (HQ, SP, LP, EP, SLP)
- the mode of the recording (once, daily, weekly)
- the date you want to make the recording
- the start and stop time of the recording

You can also set timer for recording by electronic program guide (EPG) in FreeView mode.

NOTE : At least 1 min is required between two succeeding record settings.
NOTE: If a timer is set at between 03:00 and 03:30 AM, your recorder will not search for any updates.

10.2 To Set a Recorder or Reminder by EPG (Now / Next)
- During watching any FreeView channel, press TITLE/GUIDE button to open EPG(Now/Next) page.
- If you want to set a recorder or reminder for next event, press ◄ arrow key to highlight and press SELECT key to activate reminder or press RECORD key to activate timer event
- The display will ask to choose recording or reminder. If you select Reminder, you can see clock icon near the event name that you have set. (Reminder option only works while you are watching TV, it is disabled at standby or any other mode.)
- If you select Record, it asks for quality of recording that you want to set. After selecting one of them, it puts a red icon near event name and turns back to EPG (Now/Next) page. Also if you want to verify timer record, you may see event in Timer List by pressing TIMER key.
- To close EPG page and turn back monitor mode, press TITLE/GUIDE key.

10.3 To Set a Record or Reminder by EPG (7 Day)
- When watching any FreeView channels, press TITLE/GUIDE key then MENU key to open EPG (7 Day) page.
- If you want to set a record or reminder for any event, use navigation and coloured keys to highlight and press SELECT key to activate reminder or press RECORD key to activate timer event. (Use DISP/INFO button for more help.)
- The display will request if you want to record this event or set a reminder. If you select Reminder, you can see clock icon near event name that you want to be reminded. (Reminder option only works watching TV, it is disabled at standby or any other mode.)
- If you select Record, it asks for quality of recording that you want to set. After selecting one of them, it puts a red icon near the event name and turns back to EPG (7 Day) page. Also if you want to verify timer record, you may see event in Timer List by pressing TIMER key.
- Other record events may be selected by repeating points 2, 3 and 4 above. In case two record timers overlap, a warning message will be displayed.
- To complete the record time event ,turn off the recorder by pressing the STANDBY key on the remote. At the programmed time the recorder will power up and record is selected channel and power off again once completed.

   NOTE: Very important that there is sufficient disc space to cover the recorded time.

10.4 How to Create Recording Item

- Press TIMER key on the remote control or select Timer Setting Menu from Setup menu
- Press SELECT on the first blank item to program recording
- Set the source of recording
- Set the quality of recording
- Set the mode of recording
- Set the recording time (start and stop time for recording process)

NOTE: When you finish creating an item, the device will ask you whether you want to put a recordable disc or not. If you select "Change Disc" option, you should place a disc in tray. If you select "Continue" option, you will skip placing a disc in tray process but timer recoding will be set.

10.5 How to Check, Change or Delete A Programmed Recording (Timer)

- Switch on the TV set.
- Press TIMER key on the remote control or select Timer Setting Menu from Setup menu.
- In order change any parameter of the recorded item, choose the related record item, press SELECT key, a popup menu will appear, you can edit from here in order to change any field.
- To delete the record item, repeat the steps 1 and 2 focus on the related item, press CLEAR key; the record item will be deleted from the list.

NOTE: In order to activate timer recording, unit should be set to normal STANDBY state. If unit is already turned on manually at the start time of a timer event, timer recording won't work.

NOTE: You can program up to 10 timer recording events.

11. LIMITATIONS AND SOME OTHER FEATURES

Recorder Features And Limitations

1. This DVD recorder cannot record any disc recorded before by another machine unless it is erased (available only with DVD+RW or DVD-RW).
2. In one disc, you can keep 49 titles.
3. There is no time search on a pre-recorded disc, so use auto chaptering as much as possible.
4. You cannot record PAL/NTSC in the same disc.
5. You must finalize DVD+R or DVD-R/DVD-RW to play on DVD recorder. If you don't do it, you may not play it with other devices.
6. Maximum recording time depends on the record quality option you choose.
7. Timer will be active only when the device is at normal STANDBY state.

12. SPECIFICATIONS (FOR DVD)

Power Requirements	220 – 240 Volt ~50Hz	
Power Consumption	Low Power Standby	1.5 Watt
	Normal Standby	25 Watt
Supported Recording Media	DVD	DVD+R, DVD-R DVD+RW, DVD-RW
Supported Playback Media	DVD	DVD-Video DVD-R (DVD Video or data) DVD-RW (DVD Video or data) DVD+R (DVD Video or data) DVD+RW (DVD Video or data)
	CD	CD-Audio CD-R CD-RW (S)VCD Kodak Picture CD Copy Protected Audio CD
	Audio recording Format	Stereo Recording
Video Type	MPEG-2 Video Standard Decoding (MPEG-1 supported) Full-screen video display of 720x576 (PAL) & 720x480 (NTSC) 50 and 60 Hz frame refresh rates (PAL&NTSC) Digital bit stream processing rate up to 10.08 Mbits/sec Line resolution more than 500 lines	
Video Input	Front	Cinch Socket Composite video in S -Video in (Mini DIN)
	Rear	Via SCART Aerial in
Video Output	CVBS	PAL / NTSC(Negative synchronized), 1Vpp@75 ohm (loaded)
	RGB+CVBS	Through Full Euroscart Output (Pin-16 control)
Audio Type	Dolby Digital Decoding MPEG Multichannel (Up to 5.1 channel) Decoding LPCM (24 bit 96 kHz, 48kHz downsampling)	
Audio Input	Front	Cinch Socket Stereo Analog L/R
	Rear	SCART (Analog L/R)
Audio Output	Digital Audio Outputs	S/PDIF (AC-3 or DTS encoded 5.1 channel digital audio) Optical and/or Coaxial.
	Analog Outputs	24 Bit / 192 kHz DAC
		2 RCA jack outputs (Left / Right)
		Left / Right Audio Outputs of Full Euroscart
		2 Vrms (0 dB fs, 1kHz)
TV Broadcasting	PAL	
	SECAM	
	B/G	
	DK	
	I/I'	
	L/L'	
Receiving Channels	VHF (Band I/III)	
	UHF (Band U)	
	HYPERBAND	
	Cable TV	B/G : S01-S41 / S75-S79
		D/K : S01-S41
Number of Preset Channels	100	
Copy-Protection	Macrovision 7.1	
Dimensions	430 (W) x 50 (H) x 325 (D)	
Weight (Device) (kg)	3.6	
Weight (Device+case) (kg)	4.6	

13. SPECIFICATIONS (FOR FreeView)

SYSTEM

Processor	STI5518 32bit @ 81 MHz
Flash memory	2Mbyte
SDRAM	16Mbyte
EEPROM	32Kbit
MHEG-5 engine	compliant with ISO/IEC 13522-5 and UK Engine Profile1
Object carousel support	compliant with ISO/IEC 13818-6 and UK DTT Profile

RECEPTION

Frequency range	474-858MHz
Signal level	-82dBm
Transmission standards	DVB-T, MPEG-2
Demodulation	COFDM with 2K/8K FFT mode
FEC	all DVB modes
Video	MP@ML, PAL, 4:3/16:9
Audio	MPEG Layer I & II 32/44.1/ 48 kHz

CONNECTIONS

UHF aerial input

UHF aerial loopthrough

14. TROUBLESHOOTING GUIDE (FOR DVD)

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 tray with the label uppermost.
- A damp DVD disc or condensation may effect the equipment. Wait for 1 or 2 hours in Stand-by to dry the equipment.

Disc does not play
- No disc in the machine.
    - Place a disc in the tray.
- Disc incorrectly loaded.
    - Ensure that the DVD disc is in the tray with the label uppermost.
- Wrong type of disc. The machine cannot play CDROMs etc.
    - Use disc in supported formats .
- The region code of the DVD must match that of the recorder.

Wrong OSD language
- Select the language in the setup 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.

The picture colors are not OK
- Check the video output mode and select the appropriate mode.

No picture
- Check if the recorder is connected to TV properly and that all connections between the DVD recorder and other attached equipment are secure.

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 mode is selected.

No response from remote control
- Make sure the remote control is in the correct mode.
- Check the batteries are fitted correctly.
- Change the batteries.

Record key does not start recording
- Make sure there is a recordable (DVD+RW or DVD+R, DVD-R or DVD-RW) disc inside the recorder.
- If you wish to record from RF input, check the program table to see the available channels. You may need to do an APS (Automatic program search) again to record, if the automatic search after installation has failed to find channels.
- If you wish to record from the SCART, CVBS, S-Video or DV INPUT* source, make sure that the record source is active and sending signals.
- To record from a DVD player the DVD should not be copy protected.
- If there is no space left on the disc you will see the error message "disc is full." Erase some titles to create space for new recordings.

Switch to a source, but there is no signal
- Make sure the antenna is connected to Aerial input and there is TV broadcast on some channels.
- If you are using scart, CVBS, S-Video inputs, make sure the record source is properly connected and switched on.

Timer recording does not work
- Make sure that the system time and record start time are set correctly.
Time will be displayed when the recorder switches to standby in power saving off mode.
- Make sure that the program number of the scheduled record is on the program list.
You will not be able to record, if the program number found during APS does not contain an active channel.

Edit disc option is disabled
- Make sure that the recorder is in "full stop mode".

If nothing works
- If you have tried the above solutions and nothing seems to work, try switching your DVD off and on again. If this does not work, contact your supplier or your initiating service. **Never attempt to repair a defective DVD recorder yourself.**

15. TROUBLESHOOTING GUIDE (FOR FreeView)

Problem	Possible Cause	What to do
No signal found	Aerial is disconnected Aerial is damaged/misaligned Out of digital signal area	Check serial lead Check aerial Check with dealer
No picture or sound	Tuned to digital teletext channel	Retune to another channel
No responses to remote control	Receiver off Handset not aimed correctly Front panel obstructed Handset batteries exhausted	Plug in and turn on receiver Aim handset at front panel Check for obstructions Replace handset batteries
Forgotten channel lock code Forgotten menu lock code		Please look at last page
The remote will not operate FreeView	The batteries in your remote control need replacing There is an obstruction blocking the signal path between the remote control and the receiver.	Replace the batteries Check that there is nothing in the way of the path between the remote control and receiver.
After moving your Recorder to to another room/location you cannot receive FreeView	The aerial feed may be routed via a feeder distribution box which will prevent FreeView reception.	Try using another aerial
No video at Top Up Tv channels.	Top Up Tv channels requires Conditional Access Module. This feature is not supported in this product.	
Cannot receive VHF/UHF analog channels.	This product supports only Freeview network (digital video broadcast).	

Cut this information box out and
keep in a safe place.

If You Forget The Password:

Press 3, 3, 0, 8.
Then please set your personal password.