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INFORMATION

Congratulations on purchasing your new Hard Disc Video Recorder with DVD Player (HDR1000). Spare a few moments to read this instruction manual to get better results, and to avoid any costly mistakes.

WARNING:

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



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION:

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



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

SHOWVIEW®

SHOWVIEW is a registered trademark of Gemstar Development Corporation.

The SHOWVIEW system is manufactured under licence from Gemstar Development Corporation.

TruSurround™ by SRS (●)®

This unit employs TruSurround system **TruSurround™** by SRS (●)® of SRS Labs, Inc. as virtual technology.

TruSurround and (●) symbol are trademarks of SRS Labs, Inc.

TruSurround technology is incorporated under license from SRS Labs, Inc.

DOLBY DIGITAL

Manufactured under license from Dolby Laboratories.

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

dts DIGITAL OUT

"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

LASER SAFETY

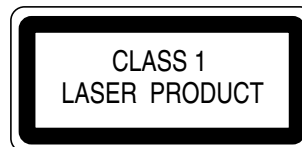
This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

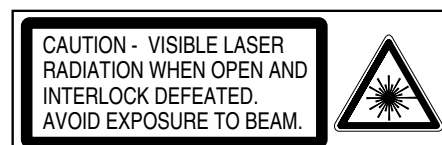
CAUTION: VISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. AVOID EXPOSURE TO BEAM.

LOCATION:

* PRINTED ON THE BACK



* INSIDE, TOP OF THE MECHANISM



IMPORTANT SAFEGUARDS

- 1) Read Instructions - All the safety and operating instructions should be read before the product is operated.
- 2) Retain Instructions - The safety and operating instructions should be retained for future reference.
- 3) Heed Warnings - All warnings on the product and in the operating instructions should be adhered to.
- 4) Follow Instructions - All operating and use instructions should be followed.
- 5) Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6) Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- 7) Accessories - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product.
- 8) A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 9) Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided.
- 10) Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 11) Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
- 12) Power lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 13) Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 14) Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 15) Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 16) Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power-supply cord or plug is damaged,
 - b) If liquid has been spilled, or objects have fallen into the product,
 - c) If the product has been exposed to rain or water,
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
 - e) If the product has been dropped or damaged in any way, and
 - f) When the product exhibits a distinct change in performance - this indicates a need for service.
- 17) Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 18) Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 19) Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

PORTABLE CART WARNING
(Symbol provided by RETAC)



S3125A

PRECAUTIONS

POWER SUPPLY

- The main power supply is engaged when the mains plug is plugged into a 220-240V/50Hz AC outlet. To operate the unit, press the STANDBY button to turn on the unit.

WARNING:
LIVE PARTS INSIDE.
DO NOT REMOVE ANY SCREWS.

DEW WARNING

- Moisture condensation may occur inside the unit when it is moved from a cold place to a warm place, or after heating a cold room or under conditions of high humidity. Do not use the unit for at least 2 hours until the inside has dried out.

ABOUT COPYRIGHT

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

A NOTE ABOUT RECYCLING

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

DECLARATION OF CONFORMITY

This product complies with the requirement of the directives

EMC-Directive:	89 / 336 / EEC
Low Voltage Directive:	73 / 23 / EEC
CE Marking:	93 / 68 / EEC

declare that the
HDR1000

are in compliance with following norms:

EN 55013:1990+A12:1994+A13:1996+A14:1999
EN 55020:1994+A11:1996+A12:1999+A13:1999+A14:1999
EN 61000-3-2/ 1995+A1:1998+A2:1998+A14:2000
EN 61000-3-3/ 1995
EN 60065:1998

CAUTION

- 1) Do not attempt to open the cabinet. There are no parts you can service inside. Refer all servicing to qualified service personnel.
- 2) Slot and openings in the cabinet and at the side or bottom are provided for ventilation. To ensure reliable operation and to protect the unit from overheating these opening must not be blocked or covered. Avoid enclosed spaces such as book cases unless proper ventilation is provided.
- 3) Keep the unit away from the radiator heat sources.
- 4) Avoid using near strong magnetic fields.
- 5) Do not push objects of any kind through the cabinet slot as they could touch current carrying parts or short circuit parts resulting in a fire or electric shock.
- 6) Never spill liquid of any kind on this unit.
If liquid is spilled into the unit, consult a qualified service engineer.
- 7) Use this unit in a horizontal (flat) position only.
- 8) This unit is in Stand-by mode when it turns off whilst the power cord is connected.
- 9) This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorised change or modification is made.

BUILT-IN HARD DISC


This unit has a built-in hard disc. The hard disc is susceptible to environmental conditions such as shocks, vibrations and temperature. There may be cases where recorded data is damaged. Take the following precautions.

- Avoid physical shock or vibrations.
- Do not use the unit in any vibratory or unstable area.
- Do not block the ventilation hole for the internal cooling fan (rearside).
- Do not use the unit in any area where the temperature is high or temperature changes rapidly.
- Do not disconnect the mains plug from the wall outlet with the unit turned on.
- Do not disconnect the mains plug from the wall outlet or do not turn off this unit during recording or playback. Be sure to press STANDBY button to complete the termination process and turn off the power to the unit completely before disconnecting the mains plug.
- **We assume no responsibility for damage or loss of recorded data caused by shock, vibration or malfunction.**


SYMBOLS USED IN THIS MANUAL

The following symbols appear below in some headings and notes in this manual, with the following meanings!

 :Description refers to playback of DVD video discs.

 :Description refers to playback of audio CDs.

 :Description refers to playback of VIDEO CDs.

 :Description refers to playback of Hard Disc Video Recorder.

 :Description refers to playback of MP3 Discs.

- **On-screen display**
Information about the current operation can be displayed on a TV screen.



HDD mode

- **PLL Synthesiser Tuner with 99 Presets.**
- **Time Shift Playback**
You can playback a title even before the recording is finished.
- **1 Year, 20 Events Timer Recording**
The built-in timer allows you to record up to 20 programs at different times on different programs up to 1 year in advance. The daily timer allows recordings from Monday through Friday, and the weekly timer allows recording to be made once a week. The episode setting allows recording of the same preset for programmed times, -starting at the same time and records for the same length of time.
- **The SHOWVIEW System**
You can program the timer recording using the SHOWVIEW programming number that is printed in many newspaper TV listings and TV Guide magazines.
- **VPS (Video Program System)/ PDC (Program Delivery Control)**
If your HDR1000 is fitted with VPS/PDC and the TV program you have programmed for timer recording is broadcasting the VPS or PDC signal, then this system is able to record exactly from beginning to the end of the program, even if the actual broadcasting time differs from the scheduled time.



DVD mode









- **DRC (Dynamic range control)**
You can control the range of sound volume.
- **Dolby Digital sound**
This player can handle Dolby Digital surround sound having 5.1 channels when connected to a Dolby Digital decoder.
- **DTS (Digital Theatre System)**
You can enjoy 5.1channel surround system developed by the Digital Theater System co. which reproduces the original sound as faithfully as possible.
- **MPEG sound**
This player can handle a disc that supports MPEG audio and the player is connected to an external MPEG audio decoder.
- **Still/fast/slow/step playback**
Various playback modes are available including still pictures, fast forward/reverse, slow motion and step frames.
- **Playing an MP3 disc**
You can enjoy MP3 files which are recorded on CD-R/RW.
- **Random playback for audio CD and MP3**
This player can shuffle the order of tracks to play them in random order.
- **Program playback for audio CD and MP3**
You can program the order of tracks to play them in any desired order.
- **DVD menus in a desired language**
You can display DVD menus in a desired language, if available on a DVD.

- **Subtitles in a desired language**
You can select a desired language for the display subtitles, if that language is available on a disc.
- **Selecting a camera angle**
You can select the desired camera angle, if a disc contains sequences recorded from different angles.
- **Choices for audio language and sound mode**
You can select the desired audio language and sound mode, if different languages and modes are available on a disc.
- **Parental lock**
You can set the control level to limit playback of discs which may not be suitable for children.
- **Automatic detection of discs**
This player automatically detects if a loaded disc is DVD, audio CD, MP3, or VIDEO CD.
- **Search**
Chapter search: Search for the chapter designated by user.
Title search: Search for the title designated by user.
Track search: Search for the track designated by user.
Time search: Search for the time designated by user.
- **Repeat**
Chapter: Repeated playback of the chapter of the disc being played.
Title: Repeated playback of the title of the disc being played.
Track: Repeated playback of the track of the disc being played.
Disc (audio CD): Repeated playback of the entire disc (MP3) being played.
A-B: Repeated playback of the part between A and B designated by user.
Album: Repeated playback of the folder of the MP3 disc being played.
- **Zoom**
2-time or 4-time magnified screen can be displayed.
- **Marker**
The part designated by user can be recalled.
- **Resume Play**
You can resume play from the part at which the playback was stopped.
- **SRS TruSurround**
You can enjoy stereophonic virtual sound on your existing stereo system.
- **Dimmer Display**
Brightness of the display can be varied.
- **Bit rate indication**
- **Dynamic range control**

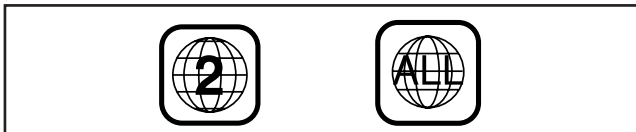
ABOUT THE DISCS

PLAYABLE DISCS

- The following discs can be played back on this unit.

Disc Type	Logo	Contents	Disc Size	Maximum Playback Time
DVD Video	  	Sound and Pictures	12 cm	Approx. 4 h (single-sided) Approx. 8 h (double-sided)
			8 cm	Approx. 80 min (single-sided) Approx. 160 min (double-sided)
Audio CD	  	Sound	12 cm	74 min
			8 cm (singles)	20 min
Video CD	 	Sound and Pictures	12 cm	74 min
			8 cm (singles)	20 min

- Some discs include region codes as shown below.



- The number inside the symbol refers to a region of the world, and a disc encoded in a specific region format can only be played back on DVD players with the same region code.

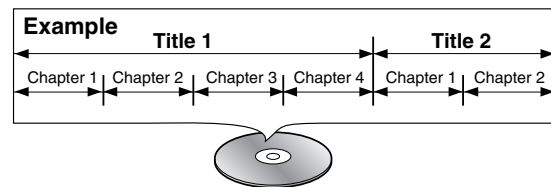
The following discs cannot be played back on this unit.

- DVD with region codes other than 2 or ALL.
- DVD-ROM
- DVD-RAM
- CD-ROM
- VSD
- CDV
(Only plays back the audio part.)
- CD-G
(Only plays back the sound.)
- CD-R/CD-RW
(Only plays back the discs which audio CD and MP3 is recorded.)
- CD-I
- SACD
- Photo CD
Any other discs without compatibility indications

DISC TYPES

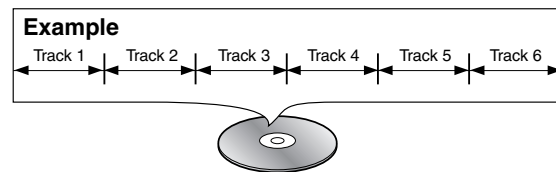
DVD

- Data on a DVD is divided into sections called "titles", and then into subsections called "chapters", each of which is given a title or chapter number. Playback conditions are preset on some DVD video discs, and these playback conditions take priority over user operations on this player. If a function you selected does not perform as desired, refer to the manual accompanying the disc.



CD VCD

- Data on an audio CD or a VIDEO CD is divided into sections called "tracks", each of which is given a track number.



ABOUT THE PBC FUNCTION OF VIDEO CD

This unit conforms to ver.1.1 and ver.2.0 of VIDEO CD standard, with PBC function.

Ver.1.1 (without PBC function): You can enjoy playback picture as well as music CD.

Ver.2.0 (with PBC function): Whilst using a VIDEO CD with PBC function, "PBC" appears on the screen and the display.

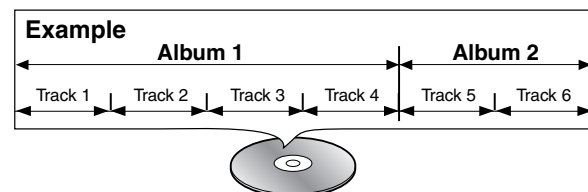
What is PBC? "PBC" stands for the PlayBack Control. You can play in interactive software using a menu screens. Refer to instructions packaged in your VIDEO CD.

NOTE:

- When you play the VIDEO CD with PBC function, you cannot choose a specified track and set Repeat.

MP3

Data on a MP3 is divided into sections called "albums", and then into subsections called "tracks", each of which is given an album or track number.



HANDLING PRECAUTIONS

SERVICING

- When your unit become inoperative and “System Error!” message appears on the TV screen, do not try to correct the problem by yourself. There are no user-serviceable parts inside. Turn off, unplug the power cord, and take the complete unit in the original packaging to dealer or an Authorized Service Centre for servicing.

IF THE DVD PLAYER OF HDR1000 DOES NOT PERFORM PROPERLY

- If the DVD player still does not perform properly even after having referred to the relevant sections and to “TROUBLESHOOTING GUIDE” in this Owner’s Manual, the laser optical pickup unit may be dirty. Consult your dealer or an Authorised Service Centre for inspection and cleaning of the laser optical pickup unit.

CABINET SERVICING

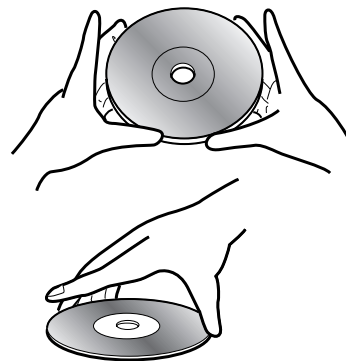
- Wipe the front panel and other exterior surfaces of the unit with a soft cloth immersed in lukewarm water and wrung dry.
- Never use a solvent or alcohol. Do not spray insecticide liquid near the unit. Such chemicals may cause damage and discolouration to the exposed surfaces.

DISC HANDLING

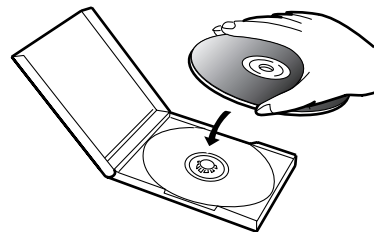
- Use discs which have the following logos on them. (Optical audio digital discs.)



- Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.



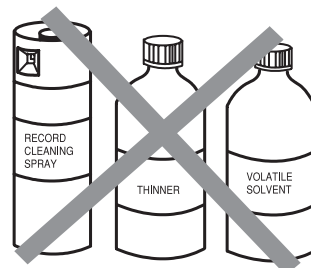
- Always store the disc in its protective case when it is not used.



- To clean disc, use a soft cloth.
- Do not use a hard cloth since this will damage the disc.
- Wipe the disc in a straight line from centre to edge.
- Never wipe with a circular motion.

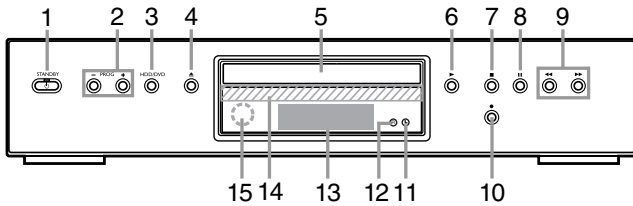


- Do not use detergent or abrasive cleaning agents.

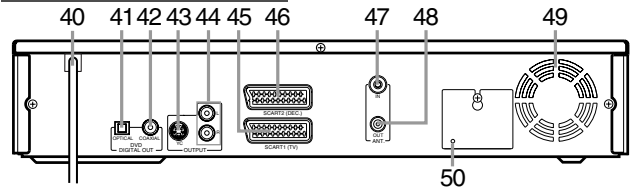


OPERATING CONTROLS AND FUNCTIONS

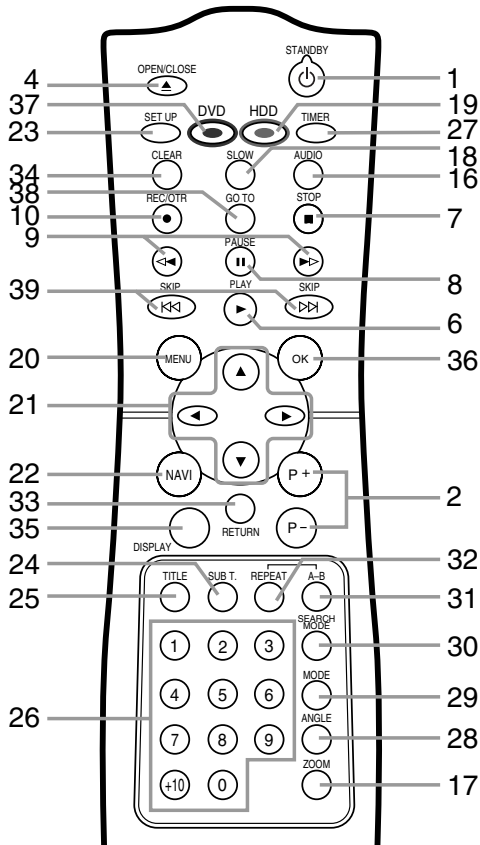
FRONT PANEL



REAR VIEW



REMOTE CONTROL



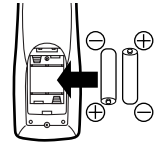
- 1. STANDBY Button**
Press to turn the unit on or off.
STANDBY Indicator (only on the main unit)
Lights up if the HDR1000 is plugged in. Turns off if the HDR1000 is switched on.
- 2. PROG (+ or -) Button**
HDD: Press to select the program for viewing or recording.
- 3. HDD/DVD Button**
Use to select HDD mode or DVD mode.
- 4. OPEN/CLOSE Button**
DVD: Press to open or close the tray.
- 5. Disc loading tray**
- 6. PLAY Button**
Press to start playback.
- 7. STOP Button**
DVD: Press to stop the operation of Disc.
HDD: Press to stop playback or recording.
- 8. PAUSE Button**
DVD: Press to pause the current disc operation.
HDD: Press to pause playback.
- 9. ►► or ◀◀ (Forward or Reverse) Button**
Press for a fast forward or fast reverse playback.
DVD: Press PAUSE button, then press ►► button to begin slow motion playback.
- 10. REC/OTR Button**
DVD: Press to start recording from DVD to HDD.
HDD: Press to start a recording.
- 11. TIMER SET Light**
This light glows when you set a timer recording. While HDR1000 detects the VPS/PDC signal, this light will blink.
- 12. RECORD Light**
This light appears during a recording.
- 13. DVD Digital Display**
This display appears when the HDR1000 is in DVD mode. In this mode, you can watch the DVD operations or discs on the TV screen. Details are on page 11.
- 14. HDD Light (Blue)**
This light appears when the HDR1000 is in HDD mode. In this mode, you can watch the HDD operations or HDD titles on the TV screen.
- 15. Remote Sensor Window**
Receives the infrared control signals from the remote control unit.
- 16. AUDIO Button**
DVD: Press to select a desired audio language or sound mode.
HDD: Press to select sound mode (stereo, main, sub).
- 17. ZOOM Button**
DVD: Enlarges part of a DVD-reproduced image.
- 18. SLOW Button**
HDD: Press to view the picture in slow motion.
- 19. HDD Button**
Press before using the remote control for HDD features.
- 20. MENU Button**
Displays the menus.
- 21. Arrow Buttons**
Use when making settings whilst watching the display on a TV screen.
- 22. NAVI Button**
HDD: Press to turn on the Navigation screen.
- 23. SETUP Button**
DVD: Press to turn on the Setup screen.
- 24. SUB T. Button**
DVD: Press to select a desired subtitle.
- 25. TITLE Button**
DVD: Press to show the table of contents.
HDD: Press to turn on the Enter Name screen.
- 26. Number Buttons**
DVD: Press to directly select a Track for playback.
HDD: Use to set up HDD features (such as the clock). Press to select TV programs at the HDR1000.

OPERATING CONTROLS AND FUNCTIONS

- 27. TIMER Button**
HDD: Press to turn on the Timer screen.
- 28. ANGLE Button**
DVD: Press to change the camera angle to see the sequence being played back from a different angle.
- 29. MODE Button**
DVD: Activates program playback or random playback mode when playing CDs or MP3. Sets the SRS TruSurround during DVD playback.
HDD: Press to select Recording mode(HQ,SQ or LP)
- 30. SEARCH MODE Button**
DVD: Press to locate a desired point.
- 31. A-B REPEAT Button**
DVD: Repeats playback of a selected section.
- 32. REPEAT Button**
DVD: Repeats playback of the current disc, title, chapter or track.
- 33. RETURN Button**
DVD: Returns to the previous operation.
HDD: Press to clear window, or go to previous menu.
- 34. CLEAR Button**
 Reset a setting.
- 35. DISPLAY Button**
DVD: Press to display the current status on the TV screen.
HDD: Press to turn On Screen Display on and off.
- 36. OK Button**
 Press to execute the selection.
- 37. DVD Button**
 Press before using the remote control for DVD features.
- 38. GO TO Button**
HDD: Press to move to LIVE broadcasting.
- 39. SKIP >> or <<< (Forward or Backward) Button**
DVD: Press during playback to go to previous or subsequent track or chapter.
HDD: Press to skip forward or backward.
- 40. Mains Cord**
 Connect to a standard AC outlet to supply the main power to the HDR1000.
- 41. OPTICAL DVD DIGITAL OUT Connector**
DVD: Connect to the Optical Digital Audio In connector of a decoder or audio receiver.
- 42. COAXIAL DVD DIGITAL OUT Connector**
DVD: Connect to the Coaxial Digital Audio In connector of a decoder or audio receiver.
- 43. Y/C OUTPUT Connector**
 Connect to the Y/C Input connector of a TV.
- 44. AUDIO OUTPUT (L/R) Connectors**
 Connect to the Audio Input connectors of a TV or other audio equipment.
- 45. Euro SCART1 Connector (To the TV)**
 Connect to the 21-pin scart connector of a TV.
- 46. Euro SCART2 Connector (From decoder)**
 Connect to the 21-pin scart connector of a decoder.
- 47. ANT(enna) IN Connector**
 Connect your antenna or cable here.
- 48. ANT(enna) OUT Connector**
 Connect to the ANTENNA IN connector on your TV.
- 49. Ventilating Holes**
 There is a cooling fan in the unit. Take care not to block the ventilating holes.
- 50. Reset Button**
 When the HDR1000 does not operate at all even if you press any buttons, press this button with the tip of a pen etc. The hard disc setting of HDR1000 will reset. Then, press STANDBY button to turn on the HDR1000.

LOADING THE BATTERIES

- 1 Open the battery compartment cover.
- 2 Insert two R6 (AA) batteries, as indicated inside the battery compartment.
- 3 Close the cover.



NOTE

- Do not mix alkaline and manganese batteries.
- Do not mix old and new batteries.

DVD DIGITAL DISPLAY

This display appears when the HDR1000 is in DVD mode.

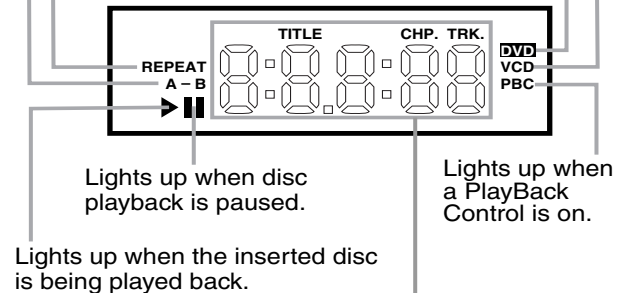
Lights up when the A-B repeat function is on.

Lights up when the repeat function is on.

CD: Lights up when an audio CD is inserted.

VCD: Lights up when a VIDEO CD is inserted.

Lights up when a DVD is inserted.



Lights up when the inserted disc is being played back.

Lights up when a Playback Control is on.

Displays the elapsed playback time of the current title or track. When a chapter or track has switched, the number of a new title, chapter or track is displayed. (in the search mode or when the skip up/down button is pressed.)

DISPLAY DURING OPERATION

	Power on
	No disc inserted
	Tray open
	Tray closed
	Loading the Disc

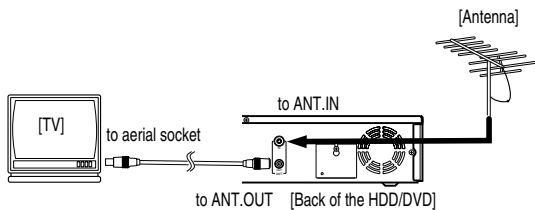
CONNECTIONS

NOTE

- Connect this unit directly to a TV. If the HDR1000 output is connected to the TV via a VCR, the pictures may be distorted due to the copy protection system.
- Be sure to turn off the power to all components in the system before connecting another component.
- Refer to the Owner's Manuals for your TV, stereo system and any other components to be connected to this unit.

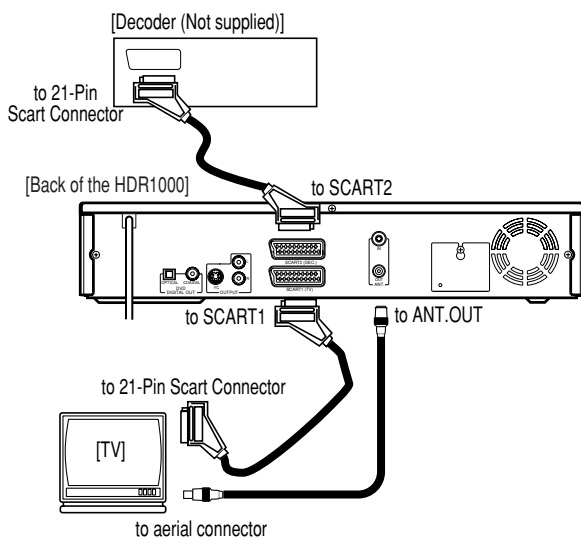
ANTENNA CONNECTION

Remove the VHF/UHF TV aerial coaxial cable from the TV receiver and connect it to the HDR1000 as shown in the drawing. The HDR1000 is now ready to receive broadcasted programs. Connect the HDR1000 to the TV receiver using the coaxial cable (supplied) as shown in the drawing. Now the TV receiver is ready to receive A/V signals from HDR1000.



SCART (EURO A/V) CONNECTORS

Your HDR1000 is fitted with two audio/video connectors which you may connect to other external devices with audio/video connectors. We recommend this connection to ensure a better audio and picture quality. Additional Euro audio/video cables are obtainable from your dealer.



SCART1 CONNECTION TO TV

If your TV has an audio/video connector, you may connect your unit SCART1 connector to the audio/video connector on back of your TV. Please see your TV's owner's manual.

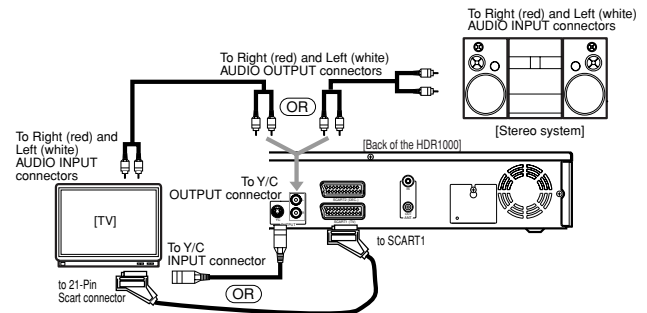
SCART2 CONNECTION FOR OTHER EXTERNAL DEVICES

The second audio/video connector SCART2 is designated for other external devices e. g. Decoder, Satellite Tuner, another VCR, Video Camera and so on.

NOTE

- If you want to connect a TV with audio/video connector to your HDR1000, the TV must be connected to SCART1. A connection to SCART2 will not function correctly.

CONNECT TO A TV WITH Y/C INPUT CONNECTOR OR STEREO SYSTEM



EXTERNAL INPUT MODE

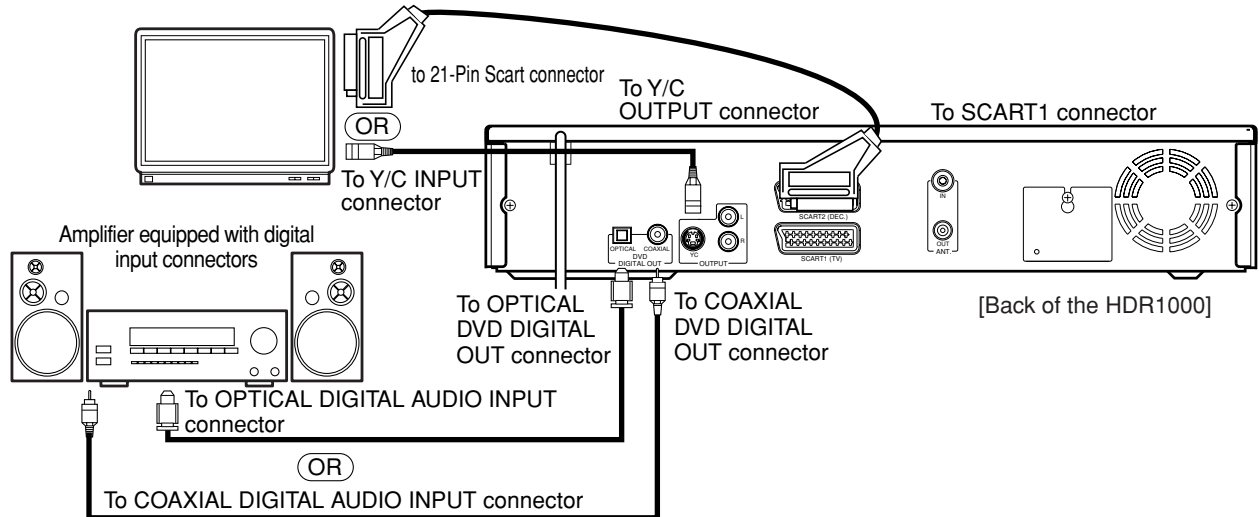
To receive the signal from an external input (decoder, video camera, satellite tuner, another VCR etc.), connect to SCART2 connector, and press PROG + or - button or enter "00" with Number button. "LINE2" appears on the TV screen.

If you use the SCART1 connector, press PROG + or - button or enter "0" with Number button. "LINE1" appears on the TV screen.

CONNECT TO AN AMPLIFIER EQUIPPED WITH DIGITAL INPUT CONNECTORS

Use an audio coaxial digital cable or an audio optical cable (available from your dealer) for the audio connection.

- If you use the OPTICAL connector, remove the protective cap.



NOTE

- The audio source on a disc in a 5.1 channel Dolby Digital surround format cannot be recorded as digital sound.
- Be sure to turn off the power to all components in the system before connecting another component.
- Refer to the Owner's Manuals for the components to be connected to this unit.
- Set Dolby Digital and DTS to Off for audio output in the setup mode. Playing a DVD using incorrect settings may generate noise distortion, and may also damage the speakers.
- OPTICAL and COAXIAL connectors are only useful in DVD mode and have no function in HDD mode.

Hint for Optical cable (not supplied)

- Optical cable (not supplied) may be damaged when bent at sharp angles. Ensure cables are coiled in loops with a diameter of 15 cm or more when storing them.
- Use a cable which is 3m or shorter.
- Insert cable plugs firmly into the connectors when making connections.
- If a plug has minor scratches or is dirty, clean it with a soft cloth before inserting it into a connector.
- Replace the protective cap on the OPTICAL connector when it is not in use.

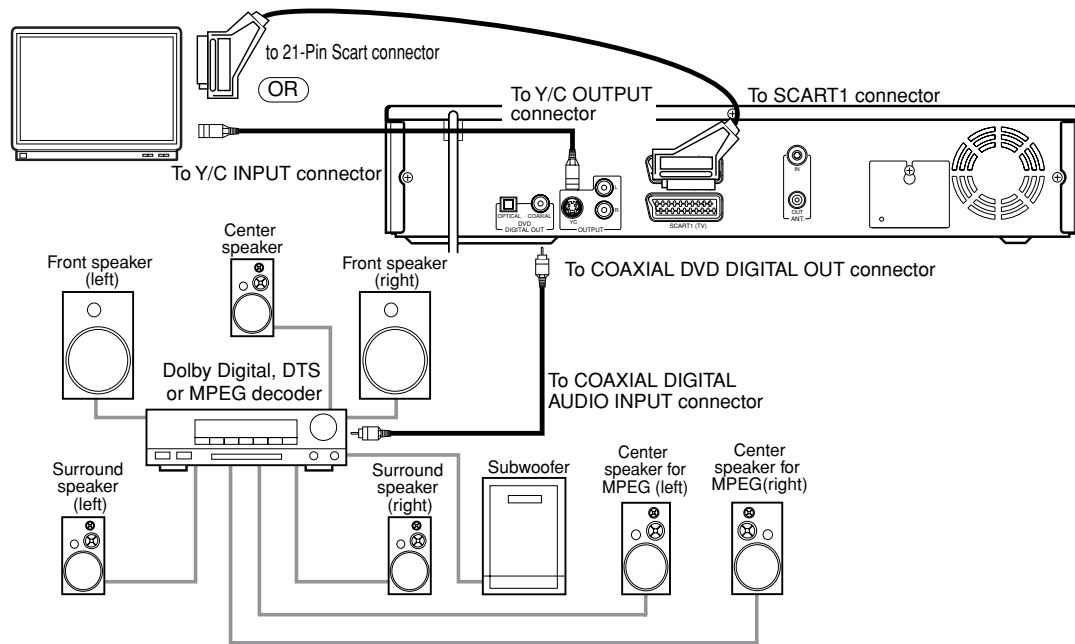
CONNECTIONS

CONNECT TO A DOLBY DIGITAL DECODER, DTS DECODER, OR MPEG DECODER

For DVD playback, If available on the DVD disc this unit outputs a Dolby Digital, DTS, or MPEG data stream from its COAXIAL DIGITAL AUDIO OUT connector. By connecting the player to a Dolby Digital, DTS decoder, or MPEG decoder, you can enjoy a more convincing, realistic sound of a professional standard such as can be heard in a cinema.

Use an audio coaxial digital cable or an audio optical cable (available from your dealer) for the audio connection.

- If you use the OPTICAL connector, remove the protective cap.



NOTE

- Be sure to turn off the power to all components in the system before connecting another component.
- Refer to the Owner's Manuals for the components to be connected to this unit.
- If you play a disc that supports Dolby Digital audio and the HDR1000 is connected to a Dolby Digital decoder then set Dolby Digital to On for audio output in the DVD setup mode.
- If you play a disc that supports DTS audio and the HDR1000 is connected to a DTS decoder then set DTS to On for audio output in the DVD setup mode.
- If you play a disc that supports MPEG audio and the HDR1000 is connected to a MPEG decoder then set MPEG to On for audio output in the DVD setup mode.
- Unless connected to a Dolby Digital decoder a DTS decoder or a MPEG decoder, set Dolby Digital, DTS, and MPEG to Off for audio output in the DVD setup mode. Playing a DVD using incorrect settings may generate noise distortion, and may also damage the speakers.
- OPTICAL and COAXIAL connectors are only useful in DVD mode and have no function in HDD mode.

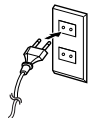
INITIAL SETTING

Before turning on your HDR1000, make sure batteries are in the remote control and the HDR1000 and TV are connected correctly.

If you have connected the HDR1000 to the TV set without a scart cable

1 Connect the mains cord.

- Connect the mains cord into the wall socket.

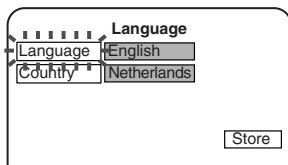


2 Turn on the TV. Set it to video program (TV channel 36 / frequency 591 MHz).

- Please look in the instruction book of your TV how to tune and add a program.
- If the TV channel 36 / frequency 591 MHz is used for broadcasting, or interference lines appear on the picture. Details are on page 23.

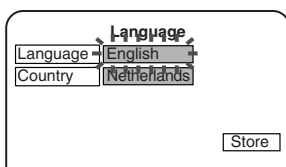
3 Press HDD button, then, press STANDBY button.

- After around 15 seconds, the HDR1000 will turn on and the language set up display will appear. (If the display does not appear, check your connections.)



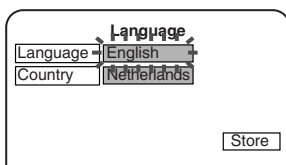
4 Move the cursor to setting position.

- Press ► button to move the cursor.



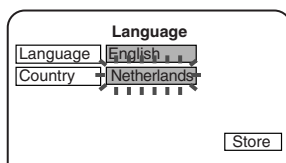
5 Select your desired Language for the on-screen menu.

- Press ▲ or ▼ button to select your desired language. Then, press ► button twice to move the cursor.



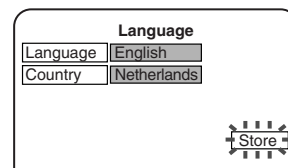
6 Select Country.

- Press ▲ or ▼ button to select the country where you live. Then, press ► button to move the cursor.



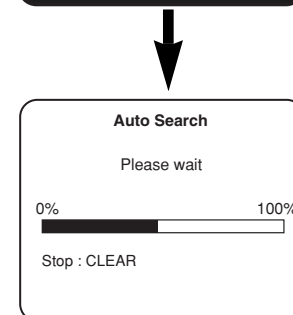
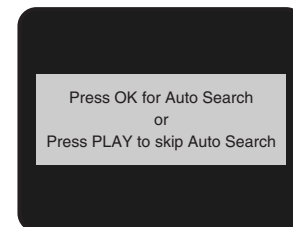
7 Save the data.

- Confirm that "Store" is selected. Then, press OK button.



8 Press OK button to start Auto Search.

- Wait until the status bar reaches 100%. It will take up to 15 minutes. When this is complete, "Clock" menu will appear on the screen. Go to step [9].
- If "No TV signals found." appears on the TV screen after Auto Search, press RETURN button, then, go to step [9]. After that you can install programs as described on page 21.



9 Continue with step [4] on next page to set the clock.

If you have connected the HDR1000 to the TV set with a scart cable

1 Connect the mains cord.

- Connect the mains cord into the wall socket.

2 Set the TV to line input mode.

- Please refer to your TV owner's manual for details.
- If you don't have clear picture or sound interference despite optimisation, you can switch off the built-in modulator. Details are on page 23.

3 Continue with step [3] on left side in this page for the initial setting.

Helpful Hints

- Once you have stored the initial setting, the HDR1000 stores it after you turn off the power.
- You need to set up the on-screen language of HDD and DVD separately. Details are on page 44.
- To skip Auto Search feature at step [8], press PLAY button. Programs will not be programmed.
- The TV channels / frequencies are stored under the program numbers.

English

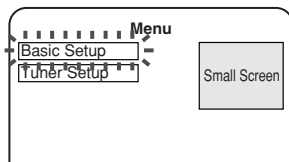
CLOCK SETTING

If the PDC signal is available in your area, the HDR1000 gets the current time from your local PDC broadcast when the Auto clock feature is turned on. The HDR1000 will correct the current time automatically at 4:30 during standby.

- In the example below, the clock is to be set to:
DATE 7th March, 2002
SETTING TIME 17:40
- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

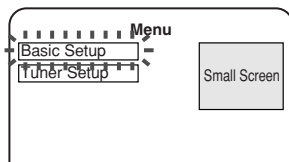
1 Display "Menu" screen.

- Press MENU button.



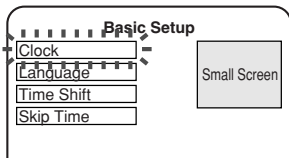
2 Select "Basic Setup".

- Press ▲ or ▼ button. Then, press OK button.



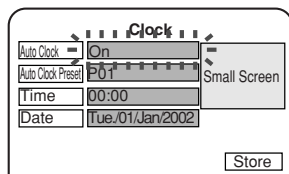
3 Select "Clock".

- Press ▲ or ▼ button. Then, press OK button



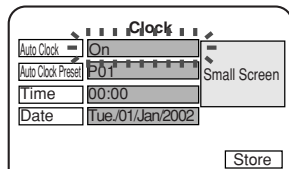
4 Move the cursor to setting position.

- Press ► button to move the cursor.



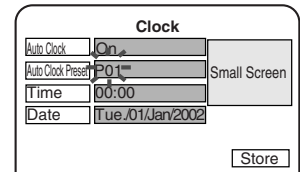
5 Select "On" (or "Off").

- Press ▲ or ▼ button. Then, press ► button twice to move the cursor.
- If the HDR1000 receives PDC program in Auto Search on page 15, current time and date appear automatically. If they do not appear correctly, go to step [6] to correct the PDC preset number or set the Auto Clock to "Off" and then go to step [7].



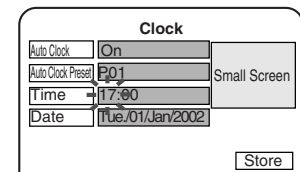
6 Confirm Auto Clock Preset program (PDC Program).

- Press ▲, ▼, or Number buttons when you change the preset number. Then, press ► button twice to move the cursor.



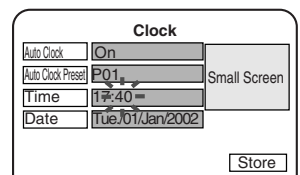
7 Select the hour.

- Press ▲, ▼, or Number buttons to select your desired hour. (Example: 17) Then, press ► button to move the cursor.



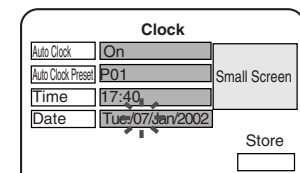
8 Select the minute.

- Press ▲, ▼, or Number buttons to select your desired minute. (Example: 40) Then, press ► button twice to move the cursor.



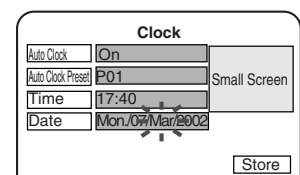
9 Select the day.

- Press ▲, ▼, or Number buttons to select your desired day. (Example: 07 for 7th) Then, press ► button to move the cursor.



10 Select the month.

- Press ▲ or ▼ button to select your desired month. (Example: March) Then, press ► button to move the cursor.

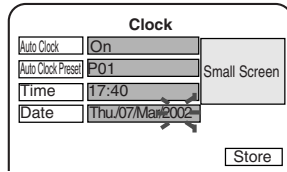


Continued on next page.

CLOCK SETTING (Cont'd)

11 Select the year. (2001-2099)

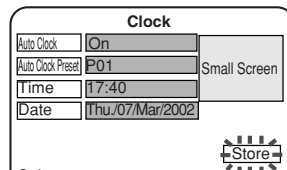
- Press ▲, ▼, or Number buttons to select your desired year.
(Example: 2002)



- Then, press ► button to move the cursor.
- The day of week will change automatically.

12 Save the data.

- Confirm that "Store" is selected.
Then, press OK button.



13 Exit the setting mode.

- If the setting menu still remains, press MENU button or press RETURN button repeatedly to exit.

Helpful Hints

- If you need to make a correction during a clock setting, press ◀ button until the cursor is positioned on the item you want to change. Then enter the correct information.
- Power failures that last for more than five minutes can cause you to lose your clock setting if you set the clock manually. If this happens, set the clock again.
- You cannot select Clock menu during Timer Recording at step [3].

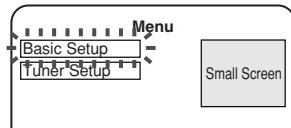
LANGUAGE SETTING

You can set the language and country for on screen menu.

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

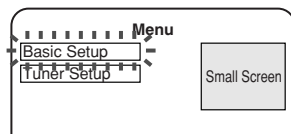
1 Display "Menu" screen.

- Press MENU button.



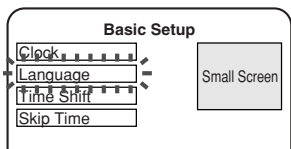
2 Select "Basic Setup".

- Press ▲ or ▼ button. Then, press OK button.



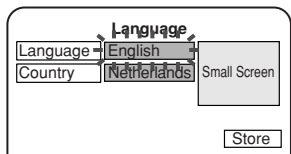
3 Select "Language".

- Press ▲ or ▼ button. Then, press OK button.



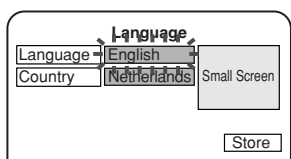
4 Move the cursor to setting position.

- Press ► button to move the cursor.



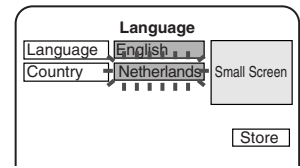
5 Select your desired Language for the on-screen menu.

- Press ▲ or ▼ button to select your desired language. Then, press ► button twice to move the cursor.



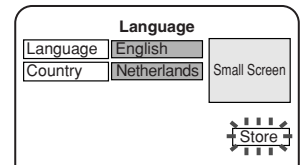
6 Select Country.

- Press ▲ or ▼ button to select the country where you live. Then, press ► button to move the cursor.



7 Save the data.

- Confirm that "Store" is selected. Then, press OK button.



8 Exit the setting mode.

- Press MENU button or press RETURN button repeatedly to exit.

Helpful Hints

- You need to set up the on-screen language of HDD and DVD separately. Details are on page 44.

TIME SHIFT

TIME SHIFT is a very convenient feature when you are away from the TV. Whenever you turn on the HDR1000, it will start to record its current program into the time shift buffer on to the internal HDD. It will automatically play back the content of the time shift buffer. To change the buffer time size and record mode for TIME SHIFT, follow steps below.

The default setting is as the following.

- * Buffer time size: 30 Minute
- * Record mode: HQ Mode

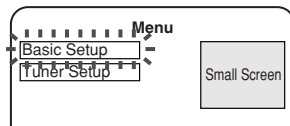
- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

1 Display "Menu" screen.

- Press MENU button.

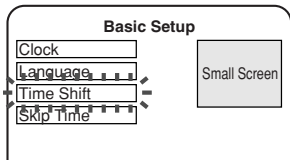
2 Select "Basic Setup".

- Press ▲ or ▼ button. Then, press OK button.



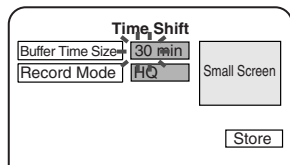
3 Select "Time Shift".

- Press ▲ or ▼ button. Then, press OK button.



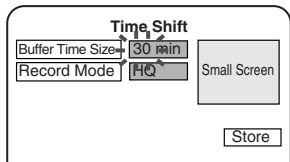
4 Move the cursor to setting position.

- Press ► button to move the cursor.



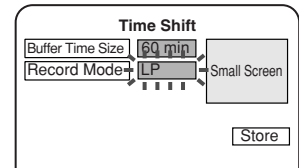
5 Select "Buffer Time Size".

- Press ▲ or ▼ button to select your desired buffer time size (30, 60, or 180 minutes). Then, press ► button twice to move the cursor.



6 Select "Record Mode".

- Press ▲ or ▼ button to select your desired record mode (LP, SQ or HQ). Then press ► button to move the cursor. Refer to page 26 for details on LP, SQ and HQ mode.



7 Save the data.

- Confirm that "Store" is selected. Then, press OK button.

8 Exit the setting mode.

- Press MENU button or press RETURN button repeatedly to exit.

[TIME SHIFT PLAYBACK]

1 Press PAUSE button whilst you are watching TV using the HDR1000 tuner.

- The picture on the TV screen will pause.

2 Press PLAY button.

- Time Shift Playback will start from the point when you pressed the PAUSE button.

3 Press GO TO button to watch the live broadcast.

Helpful Hints

- Special functions (Pause, Slow motion, and Fast forward etc.) are available during playback. Details are ("SPECIAL PLAYBACK") on page 25.
- The recording of the program which is being received or the signal from the external input will continue even if you play back the title.
- If preset is changed, Time shift will be continued.
- If there is not enough space to record, a message at step [7] will appear. In this case, press MENU button, then change the Time Shift Buffer setting. Or, press NAVI button, and delete Titles in Navigation menu.

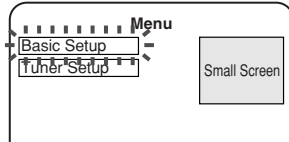
SKIP TIME SETTING

You can set the time period to skip when you press SKIP buttons during HDD playback.

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

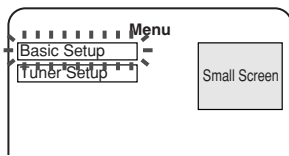
1 Display "Menu" screen.

- Press MENU button.



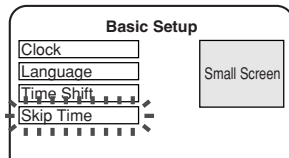
2 Select "Basic Setup".

- Press ▲ or ▼ button. Then, press OK button.



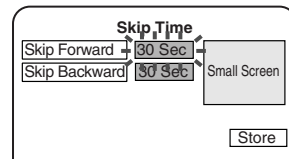
3 Select "Skip Time".

- Press ▲ or ▼ button. Then, press OK button.



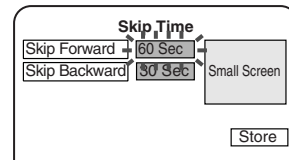
4 Move the cursor to setting position.

- Press ► button to move the cursor.



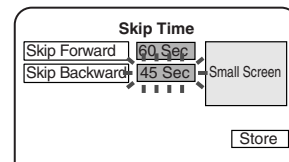
5 Select time for "Skip Forward".

- Press ▲/▼, or Number buttons to select your desired time (1~300sec). Then, press ► button twice to move the cursor.



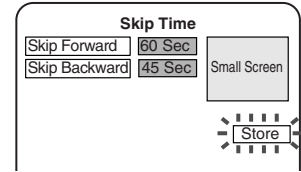
6 Select time for "Skip Backward".

- Press ▲/▼, or Number buttons to select your desired time (1~300sec). Then, press ► button to move the cursor.



7 Save the data.

- Confirm that "Store" is selected. Then, press OK button.



8 Exit the setting mode.

- Press MENU button or press RETURN button repeatedly to exit.

TUNER SETUP

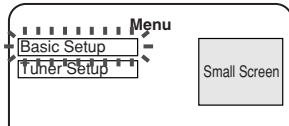
AUTO SEARCH

Although your HDR1000 can automatically store the TV channels/frequencies under the program numbers when you turn it on for the first time, you can set up the programs at any time.

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

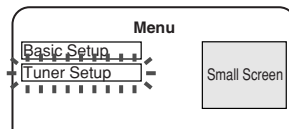
1 Display "Menu" screen.

- Press MENU button.



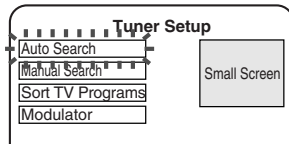
2 Select "Tuner Setup".

- Press ▲ or ▼ button. Then, press OK button.



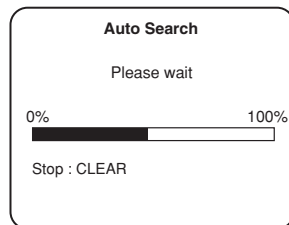
3 Select "Auto Search".

- Press ▲ or ▼ button. Then, press OK button.



4 Start to "Auto Search".

- Wait until the status bar reaches 100%. It will take up to 15 minutes. When this is complete, the Auto Search menu will disappear from the TV screen. Now when you press P(PROG)+ or - buttons, you can only select programs containing a TV frequency. You can also select program by pressing Number buttons.
- To cancel the Auto Search, press CLEAR button.



Helpful Hints

- You cannot select Tuner Setup menu at step [2] during recording or playback.
- Non-Interlace and NTSC is not supported.
- Remember to check the timer review if the tuner has been changed and timers have already been programmed.

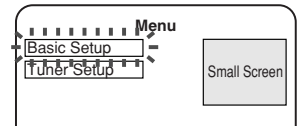
MANUAL SEARCH

Each program can be tuned manually and individually.

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

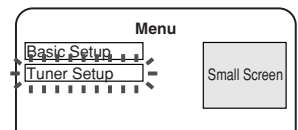
1 Display "Menu" screen.

- Press MENU button.



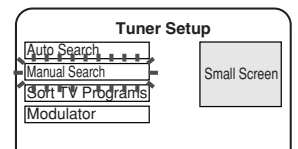
2 Select "Tuner Setup".

- Press ▲ or ▼ button. Then, press OK button.



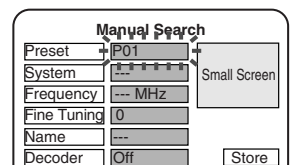
3 Select "Manual Search".

- Press ▲ or ▼ button. Then, press OK button.



4 Move the cursor to setting position.

- Press ► button to move the cursor.

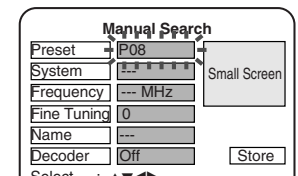


5 Set "Preset".

- Press ▲/▼ or Number buttons to select the preset number you want to program.

(You can select preset number 01-99.)

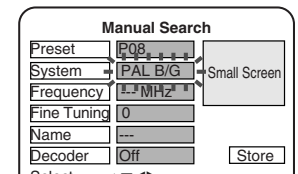
Then, press ► button twice to move the cursor.



6 Set "System".

- Press ▲ or ▼ button to select the TV System. (You can select "PAL B/G", "SECAM B/G", "SECAM L", or "PAL I".)

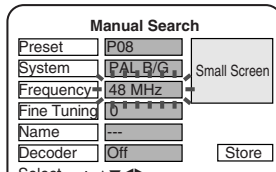
Then, press ► button twice to move the cursor.



TUNER SETUP (Cont'd)

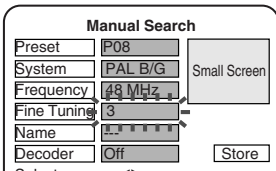
7 Set "Frequency".

- Press **▲** button. The HDR1000 tuner will begin to search for a frequency that you receive. When it is found, the HDR1000 will stop searching and the picture will appear on the small screen. (If this is not your required frequency, press **▶** button, then **▲** button again until the required TV program appears.)
- If the required frequency appears, press **▼** button.



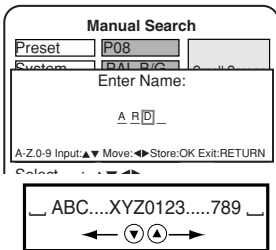
8 Set "Fine Tuning".

- Press **▲** or **▼** button to select the number. Then, press **▶** button twice to move the cursor. You can fine tune the frequency.



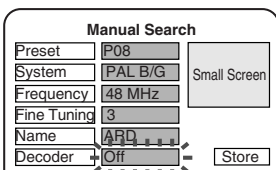
9 Enter the broadcasting station name.

- Press **▲** or **▼** button to select your desired character.
- Press **◀** or **▶** button to move the cursor. Then, press **OK** button. Then, press **▶** button twice to move the cursor.



10 Set "Decoder".

- Press **▲** or **▼** button to select "On" or "Off". (If you have connected a decoder to watch this program then select "On".) Then, press **▶** button to move the cursor.



11 Save the data.

- Confirm that "Store" is selected. Then, press **OK** button.
- To set another, repeat steps [3] to [11].

12 Exit the setting mode.

- Press **MENU** button or press **RETURN** button repeatedly to exit.

NOTE

- To check that program(s) have been added, press the **P(PROG) +** or **-** button.

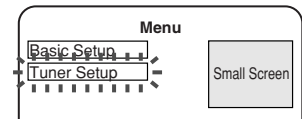
Sort TV Programs

You can delete tuner programs from the HDR1000 memory, or exchange two programs.

- Before you begin, press **HDD** button so that the blue **HDD** light appears on the front panel on the HDR1000.

1 Display "Menu" screen.

- Press **MENU** button.

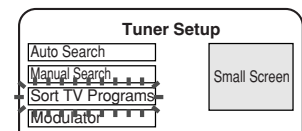


2 Select "Tuner Setup".

- Press **▲** or **▼** button. Then, press **OK** button.

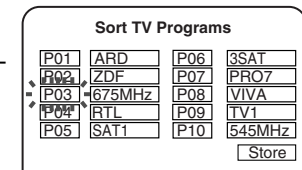
3 Select "Sort TV Programs".

- Press **▲** or **▼** button. Then, press **OK** button.



4 Select a preset number.

- Press **▲** or **▼** button to select the preset number you want to swap the program with. Then, press **OK** button. (Example: position number 03)
- Press **▶▶** or **◀◀** button to review next page (or previous page).

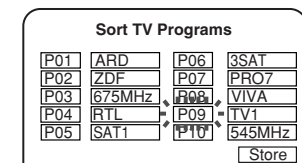


5 To delete the preset program.

- Press **CLEAR** button. "Delete this program?" will appear. If it is **OK**, press **OK** button.

6 To swap two programs.

- After step [4], press **▲** or **▼** button to select the program which you want to exchange. (Example: position number 09) Then, press **OK** button.



7 Save the data.

- Confirm that "Store" is selected. Then, press **OK** button.

8 Exit the setting mode.

- Press **MENU** button or press **RETURN** button repeatedly to exit.

MODULATOR SETUP

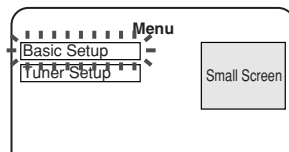
Modulator

Changing of the modulator setting might be necessary if your HDR1000 is connected to the TV via the coaxial cable, and TV channel 36 / frequency 591 MHz is used for broadcasting, or interference lines appear on the picture.

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

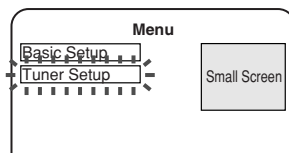
1 Display "Menu" screen.

- Press MENU button.



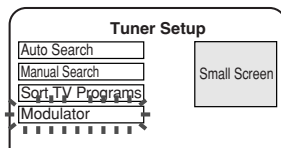
2 Select "Tuner Setup".

- Press ▲ or ▼ button. Then, press OK button.



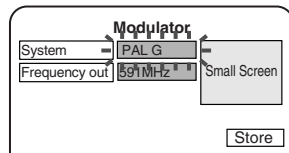
3 Select "Modulator".

- Press ▲ or ▼ button. Then, press OK button.



4 Move the cursor to setting position.

- Press ► button to move the cursor.



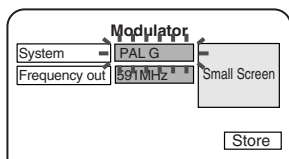
5 Set "System".

- Press ▲ or ▼ button to select your desired System.

(You can select "PAL G", "PAL I", or "Off".)

Then, press ► button twice to move the cursor.

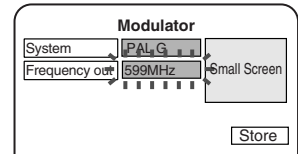
- If you don't have clear picture or sound interference despite optimisation, select "Off". You can switch off the built-in modulator.



6 Select frequency for "Frequency out".

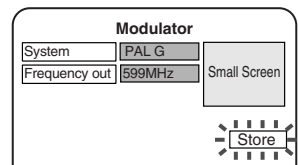
- Press ▲/▼, or Number buttons to select your desired program. (You can select from 559 to 623MHz.)

Then, press ► button to move the cursor.



7 Save the data.

- Confirm that "Store" is selected. Then, press OK button.



8 Set TV tuner to the frequency which you select at step [6].

- Select the program number on your TV that you want to use to watch the HDR1000. Manually start the TV's frequency / channel search system as if you wanted to find a new TV frequency / channel. Keep searching until the picture as shown in step [7] is seen.
- Consult your TV manual on details if needed.

9 Exit the setting mode.

- Press MENU button or press RETURN button repeatedly to exit.

Helpful Hints

- You cannot select Tuner Setup menu at step [2] during recording or playback.

Warning:

Only switch off the modulator if you have connected the HDR1000 to a TV with a scart cable. Without a scart cable you will not receive a picture from the HDR1000 to the TV set when the modulator is switched off.

HDD RECORDING



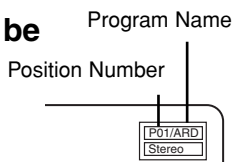
MANUAL RECORDING

This HDR1000 stores the recorded programs as video titles on the HDD.

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.
- To set the recording mode, refer to page 19.

1 Select the program to be recorded.

- Press the P(PROG) +/-, or Number buttons (0-9) on the remote control.
(Example: position number 01)



2 Select the Recording mode.

- Press the MODE button. (Refer to “SELECT THE RECORDING MODE”.)

3 Press REC/OTR button.

- The “Ⓜ” indicator on the display lights up.

4 Press STOP button when recording is completed.

- “Do you want to stop the recording?” will appear. If it is OK, press STOP button again.

Helpful Hints

- If a program has a copyright protection, it may not be recorded to the HDD.
- When you try to record more than the available free space capacity or when recording is already being performed, recording will not be performed.
- When you try to record more than 50 titles, a warning message will appear. In this case, press NAVI button, then delete unwanted Titles in Navigation menu. Or press RETURN button to remove message.
- You can freeze the picture by pressing PAUSE button during recording. But recording is continued.
- Maximum recording time of a title is 5 hours.
- It is not possible to change the Recording mode during record or playback.

OTR (One Touch Recording)

You can set a recording length simply by pressing REC/OTR button.

- Maximum recording time is 5 hours.

1 Select the program to be recorded.

- Press P(PROG) +/-, or Number buttons (0-9) on the remote control.

2 Press REC/OTR button repeatedly.

- Each time you press REC/OTR button, the end schedule time of OTR will appear on the TV screen and it will be extended by 30 minutes.

RECORDING ONE PROGRAM WHILE VIEWING ANOTHER VIA THE TV

You can record one program whilst viewing another via the TV. To start recording, follow steps [1] to [3] under “MANUAL RECORDING”. Then, set the TV to the program you want to watch.

TO MONITOR THE PROGRESS OF YOUR RECORDING;

Select the input on your TV reserved for HDR1000.

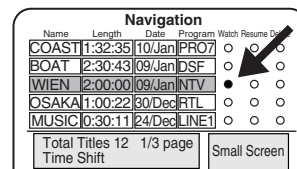
SET THE TITLE NAME

1 Display “Navigation” screen.

- Press NAVI button.

2 Select the title whose name you want to set.

- Press ▲ or ▼ button.
The cursor onto Watch button will move.
- Press ►► or ◀◀ button to review next page (or previous page).

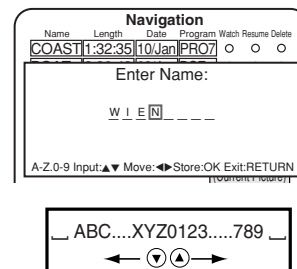


3 Select the title Name.

- Press TITLE button.

4 Set the title Name.

- Press ▲ or ▼ button to select your desired character.
- Press ◀ or ▶ button to move the cursor.
Then, press OK button.



5 Exit the setting mode.

- Press NAVI button or press RETURN button to exit.

SELECT THE RECORDING MODE

You can chose between HQ,SQ or LP modes for recording. Details are page 26.

1 Select the Recording mode.

- Press MODE button until the required Recording mode is displayed.

PLAYBACK VIDEO TITLES

- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

1 Display "Navigation" screen.

- Press NAVI button.

2 Select title which you want to watch.

- Press ▲ or ▼ button.
- Press ►► or ◀◀ button to review next page (or previous page).

Navigation						
Name	Length	Date	Program	Watch	Resume	Delete
COAST	1:32:35	10/Jan	PRO7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BOAT	2:30:43	09/Jan	DSF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIEN	2:00:00	09/Jan	NTV	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
OSAKA	1:00:22	30/Dec	RTL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MUSIC	0:30:11	24/Dec	LINE1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Total Titles 12 1/3 page				Small Screen		
Time Shift				(Current Picture)		

3 Press OK button.

- Playback will start from the beginning of the title on the small screen.
- To watch on the full screen, press OK button again.

Navigation						
Name	Length	Date	Program	Watch	Resume	Delete
COAST	1:32:35	10/Jan	PRO7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BOAT	2:30:43	09/Jan	DSF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIEN	2:00:00	09/Jan	NTV	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
OSAKA	1:00:22	30/Dec	RTL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MUSIC	0:30:11	24/Dec	LINE1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Total Titles 12 1/3 page				Small Screen		
Playback: WIEN Mode:SQ				"WIEN"		

4 Press STOP button to stop playback.

Helpful Hints

- If you press PLAY button after step [2], playback will start on full screen.

SPECIAL PLAYBACK

To freeze the picture on TV screen

- Press PAUSE button during playback.
- You can advance the picture by one frame at a time by pressing PAUSE button.

To see the slow motion

- Press SLOW button during playback or the pause mode.
- You can play the picture at 1/8, 1/4, or 1/2 of the normal playback speed by pressing SLOW button repeatedly.

To play back fast forward or fast reverse

- Press ►► or ◀◀ button.
- You can forward or reverse the picture at x2, x4, x32, or x128 the normal playback speed by pressing ►► or ◀◀ button repeatedly.

To return to normal playback

- Press PLAY button.

RESUMING PLAYBACK

You can resume playback from the part at which the playback was stopped.

1 Press NAVI button.

2 Select title which you want to watch.

- Press ▲ or ▼ button.
- Press ►► or ◀◀ button to review next page (or previous page).

3 Move the cursor onto Resume button.

- Press ◀ or ► button.

Navigation						
Name	Length	Date	Program	Watch	Resume	Delete
COAST	1:32:35	10/Jan	PRO7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BOAT	2:30:43	09/Jan	DSF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIEN	2:00:00	09/Jan	NTV	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
OSAKA	1:00:22	30/Dec	RTL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MUSIC	0:30:11	24/Dec	LINE1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Total Titles 12 1/3 page				Small Screen		
Time Shift				(Current Picture)		

4 Press OK button.

- Playback will start on the small screen from the part which the playback was stopped.
- To watch on the full screen, press OK button again.

DELETE TITLE STORED ON HDD

1 Press NAVI button.

2 Select title which you want to delete.

- Press ▲ or ▼ button to select your desired title. Then, press ◀ or ► button to move the cursor onto the Delete button.
- Press ►► or ◀◀ button to review next page (or previous page).

Navigation						
Name	Length	Date	Program	Watch	Resume	Delete
COAST	1:32:35	10/Jan	PRO7	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
BOAT	2:30:43	09/Jan	DSF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIEN	2:00:00	09/Jan	NTV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
OSAKA	1:00:22	30/Dec	RTL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MUSIC	0:30:11	24/Dec	LINE1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Total Titles 12 1/3 page				Small Screen		
Time Shift				(Current Picture)		

3 Press OK button.

- A message to confirm the deletion will appear. If it is OK, press OK button again. The chosen title is erased.

Navigation						
Name	Length	Date	Program	Watch	Resume	Delete
COAST	1:32:35	10/Jan	PRO7	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
BOAT	2:30:43	09/Jan	DSF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Delete "COAST" ?						
Yes: OK No:RETURN						

AUTOMATIC TIMER RECORDING

Follow the steps below to program your HDR1000 to record TV programs whilst you're away from home.

Before you begin:

- You can set 20 timer programs for one time recording or recordings to be made on a daily or weekly basis.
- Setup the tuner of the HDR1000. Details are on pages 21-22.
- Set the clock. Details are on pages 16-17.
- Before you begin, press HDD button so that the blue HDD light appears on the front panel on the HDR1000.

In the example below, the timer is being set to record:

SETTING TIME: from 19:30 to 20:30
 DATE: 6th May
 PROGRAM: P02/DSF
 FREQUENCY: One Time
 EPISODE: 1
 REC MODE: SQ
 VPS/PDC: On

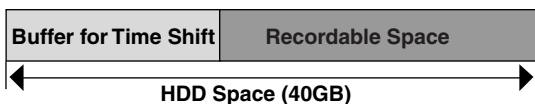
Record Time

This chart shows the recording time for the HDD. There are three modes: LP, SQ, and HQ.

For example; When Buffer for Time Shift is set to 30 minutes.

Recording Mode	Recordable Time
LP (Long Play)	About 36.5 hours*
SQ (Standard Quality)	About 18.5 hours*
HQ (High Quality)	About 12.0 hours*

*The time on chart is approximated time. They will be changed according to the setting of TIME SHIFT. The longer the buffer Time Setting is set, the shorter the recording time will be.

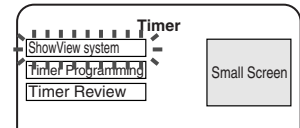


Helpful Hints

- After step [2], a warning message appears when there are more than 50 titles stored. In this case, press NAVI button, then delete unwanted titles in Navigation menu. Or, press RETURN button to remove the message.
- After step [2], a warning message appears when more than 20 timer programs have been setup. In this case, press TIMER button to remove the message.

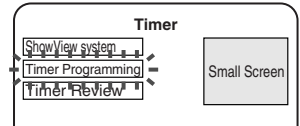
1 Display "Timer" screen.

- Press TIMER button.



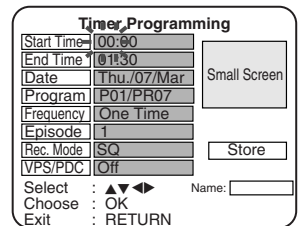
2 Select "Timer Programming".

- Press ▲ or ▼ button. Then, press OK button.



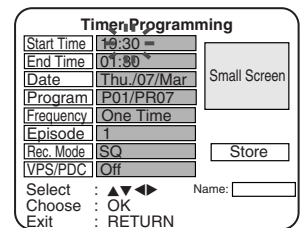
3 Move the cursor to setting position.

- Press ► button.



4 Set "Start Time". (hour and minute)

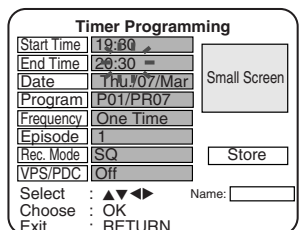
- First, press ▲, ▼, or Number buttons to select your desired hour. (Example: 19)
- Then, press ► button to move the cursor.
- Next, press ▲, ▼, or Number buttons to select your desired minute. (Example: 30)



- Then, press ► button twice to move the cursor.
- If the hour or minute is below 10 then you first have to enter a "0" followed by the number. This is in case you enter the time with Number buttons.

5 Set "End Time". (hour and minute)

- First, press ▲, ▼, or Number buttons to select your desired hour. (Example: 20)
- Then, press ► button to move the cursor.
- Next, press ▲, ▼, or Number buttons to select your desired minute. (Example: 30)
- Then, press ► button twice to move the cursor.
- If the hour or minute is below 10 then you first have to enter a "0" followed by the number. This is in case you enter the time with Number buttons.



AUTOMATIC TIMER RECORDING (Cont'd)

6 Set "Date". (Day/Month)

- First, press ▲/▼, or Number buttons to select your desired day. (Example: 06 for 6th)
- Then, press ► button to move the cursor.
- Next, press ▲ or ▼ button to select your desired month. (Example: May)
- Then, press ► button twice to move the cursor.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P01/PR07
Frequency	One Time
Episode	1
Rec. Mode	SQ
VPS/PDC	Off
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN

9 Set "Episode".

- Press ▲/▼, or Number buttons to select your desired episode (1~9).
 - Then, press ► button twice to move the cursor.
- NOTE:**
When you select "One Time" at step [8], only episode 1 is available.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P02/DSF
Frequency	One Time
Episode	1
Rec. Mode	SQ
VPS/PDC	Off
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN

10 Set "Rec. Mode".

- Press ▲ or ▼ button to select "SQ", "LP", or "HQ".
- Then, press ► button twice to move the cursor.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P02/DSF
Frequency	One Time
Episode	1
Rec. Mode	SQ
VPS/PDC	Off
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN

7 Set "Program".

- Press ▲ or ▼ button to select your desired program.
- Then, press ► button twice to move the cursor.
- If you are recording from line input (SCART1), select LINE1.
- If you are recording from line input (SCART2), select LINE2.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P02/DSF
Frequency	One Time
Episode	1
Rec. Mode	SQ
VPS/PDC	Off
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN

8 Set "Frequency".

- Press ▲ or ▼ button to select "One Time", "Daily" or "Weekly".
- Then, press ► button twice to move the cursor.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P02/DSF
Frequency	One Time
Episode	1
Rec. Mode	SQ
VPS/PDC	Off
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN

11 Set "VPS/PDC".

- Press ▲ or ▼ button to select "On" or "Off". (If you want VPS/PDC control, set to "On". Refer to page 31.)
- Then, press ► button to move the cursor.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P02/DSF
Frequency	One Time
Episode	1
Rec. Mode	SQ
VPS/PDC	On
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN

Continued on next page.

- **One Time:** The HDR1000 will record a TV program on any day you choose, up to 12 months in advance.
- **Daily:** The HDR1000 will record the same program every day from Monday to Friday – starting at the same time and recording for the same length of time.
- **Weekly:** The HDR1000 will record the same program on the same day, at the same time, and for the same length of time every week.

NOTE:

If you select "Daily" or "Weekly" you can also use the "Episode" option. This will allow you to keep up to 9 episodes of the programmed recording. The oldest one will be deleted when a new recording is started and the amount of Episodes is more than the selected amount.

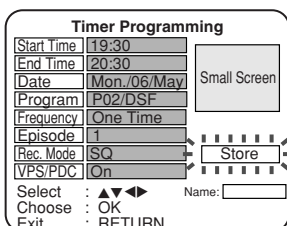
Helpful Hints

- If you need to make a correction whilst programming a timer recording, press ◀ button until the cursor is moving on the item you want to change. Then enter the correct information.
- **EPISODE:** The HDR1000 can record the same program for the selected times, -starting at the same time and recording for the same length of time.
For example; Episode = 5
If the number of recorded episodes is more than 5 times, the HDR1000 will continue to record the same program on the next day/week and delete the oldest one. The HDR1000 will store the latest 5 recorded episodes.
- It is recommended to set Episode to more than 2 in order to avoid overwriting the title just recorded.

AUTOMATIC TIMER RECORDING (Cont'd)

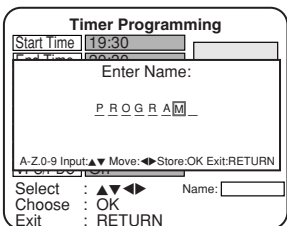
12 To save the data.

- Confirm that “Store” is selected.
- Then, press OK button.
- After step [12], the warning message may appear on the TV screen. Please refer to “Timer Hints” below.



13 Set the Name.

- Press ▲ or ▼ button to select your desired character.
- Press ◀ or ▶ button to move the cursor.



14 Then, press OK button.

- Timer Review menu appears on the TV screen. If setting is OK, press TIMER button or press RETURN button twice to exit. The TIMER light will appear on the front of the HDR1000.

Notes:

- When “Less than one minute before Timer Recording starts.” appears on the TV screen, follow the step [a] or [b] below.
 - To perform the Timer Recording: Press OK button, and then the program will be changed for programmed timer automatically. Program will be locked during Timer Recording.

OR
 - To cancel the Timer Recording: Press RETURN button, and then the warning message will be removed and Timer Recording will be cancelled.
- When the VPS/PDC option is set to ON, a warning message appears on the TV screen 15 minutes and 1 minute before the Timer Recording start.

Helpful Hints

- If the HDR1000 is in standby and a timer recording is programmed to start then the HDR1000 will turn on automatically and will turn off after the timer recording has finished.
- You also can use the DVD features during timer recording. Press DVD button to choose DVD mode, then continue with other features as described in this manual.
- To stop a timer recording that has started, press STOP button. The message will appear to confirm. If it is OK, press STOP button again.
- If the power fails for more than five minutes, programmed timer recording data will be restored when the clock is reset. (The clock will reset itself automatically if you are using AUTO CLOCK. If you are not using AUTO CLOCK, reset the clock manually. Details are on pages 16-17.)
- See Helpful hints on page 24 for more information.

Timer Hints

After step [12], the following messages may appear on the TV screen. In this case, please refer to below.

“Maximum number of Timer Recording is 20.”

The HDR1000 has only 20 timer. Press TIMER button, then change the Timer Recording setting or reduce the number of episodes.

“Maximum recording time of a Timer Recording is 5 hours.”

The HDR1000 cannot record a video title of more than 5 hours. Press TIMER button, then reduce the record duration within 5 hours.

“Not enough space left.”

There is not enough space to record. Press TIMER button, then change the Timer Recording setting. Or, press NAVI button, then delete unwanted Titles in Navigation menu to make space.

“The Number of the valid VPS/PDC “On” is over 6 !”

The HDR1000 cannot record more than 6 programs with VPS/PDC. Press TIMER button, then reduce the number of timers using VPS/PDC.

“This Timer Recording is scheduled for a past time.”

The date or end time of the programmed timer is past. Press TIMER button, then correct them or delete the programmed timer.

“Program No. not set.”

The programmed timer data isn't complete. Press RETURN button, then enter Timer Recording completely.

“Timer Recording is overlapping another Timer Recording.”

Two timer recordings are scheduled to take place at the same time. Press TIMER button, then change the programmed timer.

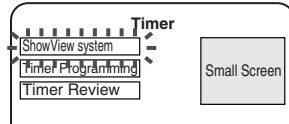
TIMER REVIEW

To Check or Correct Timer Recordings

- Before you begin, press HDD button so that the blue HDD light appears on the front panel of the HDR1000.

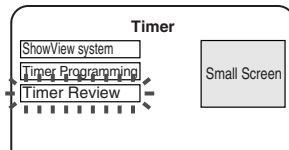
1 Display "Timer" screen.

- Press TIMER button.



2 Select "Timer Review".

- Press ▲ or ▼ button. Then, press OK button.



3 Select your desired timer program.

- Press ▲ or ▼ button.
- Press ►► or ◀◀ button to review next page (or previous page).

Timer Review						
No.	Name	Date	Start	Stop	V/P	Program
1	ABC	19/Jan	15:30	16:30	—	ARD
2	SPORTS	24/Jan	18:00	19:30	✓	DSF
3	NEWS	26/Jan	08:00	08:30	✓	NTV
4	WIEN	29/Jan	20:00	22:00	—	RTL
5	YACHT	06/May	19:30	20:30	—	DSF

4 To correct the timer recording.

- Press OK button. The Timer Programming setting menu will appear.
- You can correct using cursor buttons.

Timer Programming	
Start Time	19:30
End Time	20:30
Date	Mon./06/May
Program	P02/DSF
Frequency	One Time
Episode	1
Rec. Mode	SO
VPS/PDC	Off
Select	: ▲▼◀▶
Choose	: OK
Exit	: RETURN
Name:	YACHT

5 To save the data.

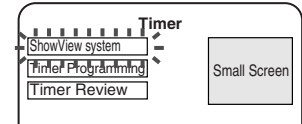
- Press OK button until Timer Review menu appears on the TV screen. If setting is OK, press TIMER button or press RETURN button twice to exit. The TIMER light will appear on the front of the HDR1000.

To Cancel Timer Recordings

- Before you begin, press HDD button so that the blue HDD light appears on the front panel of the HDR1000.

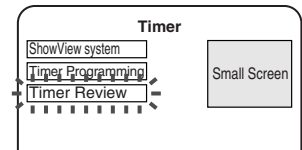
1 Display "Timer" screen.

- Press TIMER button.



2 Select "Timer Review".

- Press ▲ or ▼ button. Then, press OK button.



3 Select your desired timer program.

- Press ▲ or ▼ button.
- Press ►► or ◀◀ button to review next page (or previous page).

Timer Review						
No.	Name	Date	Start	Stop	V/P	Program
1	ABC	19/Jan	15:30	16:30	—	ARD
2	SPORTS	24/Jan	18:00	19:30	✓	DSF
3	NEWS	26/Jan	08:00	08:30	✓	NTV
4	WIEN	29/Jan	20:00	22:00	—	RTL
5	YACHT	06/May	19:30	20:30	—	DSF

4 To cancel the timer recording.

- Press CLEAR button. "Delete this Timer Recording?" will appear. If it is OK, press OK button. The timer program will disappear from the Timer Programming List.

Timer Review						
No.	Name	Date	Start	Stop	V/P	Program
Delete this Timer Recording ?						
Yes: OK No: RETURN						
Select	: ▲▼	Choose:OK				
Exit	: RETURN	Delete: CLEAR				
Prev5	: ◀◀	Next5: ▶▶				

5 Exit the Timer Review Mode.

- Press TIMER button or press RETURN button.

Helpful Hints

- Text colour gives you the information on the current timer status.
 - * Black: in Standby
 - * Blue: in recording
 - * Red: Programmed Timer is overlapping another Timer Recording. (Refer to Timer Hints on page 28.)

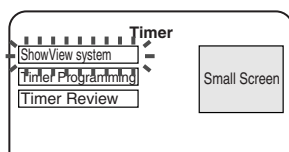
TIMER RECORDING USING THE SHOWVIEW SYSTEM

Follow these steps to set a timer recording with the ShowView number in your TV guide. Before you begin:

- Set up the TV programs at the HDR1000. Details are on pages 21-22.
- Set the clock. Details are on pages 16-17.
- Before you begin, press HDD button so that the blue HDD light appears on the front panel of the HDR1000.

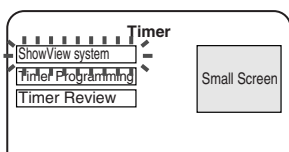
1 Display “Timer” screen.

- Press TIMER button.



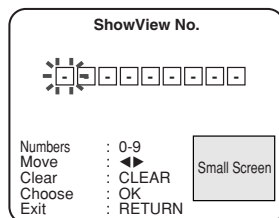
2 Select “ShowView system”.

- Press ▲ or ▼ button. Then, press OK button.



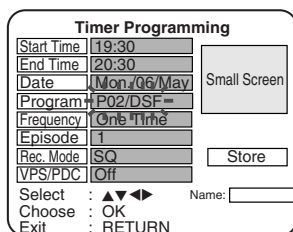
3 Set the ShowView number.

- Press Number buttons to input the ShowView number of the TV program you want to record. Then, press OK button.
- Press CLEAR button to cancel ShowView number.
- Press ◀ or ▶ button to move the cursor.



4 Confirm the timer program.

- If you correct the program, press ▶ button to move the cursor to program setting position. Then, press ▲ or ▼ button to select your desired program.



5 Continue with step [8] at “AUTOMATIC TIMER RECORDING” on page 27.

You can correct the data for Frequency, Episode, Rec. Mode, VPS/PDC if you need.

Helpful Hints

- To stop a timer recording that has started, press STOP button. The message will appear to confirm. If it is OK, press STOP button again.
- “Given Number not correct.” may appear on the TV screen after step [3] if you enter an incorrect ShowView number (for example, one that is too short). In this case, press RETURN button. Then, enter the correct ShowView number.
- After step [2], a warning message appears when there are more than 50 titles stored. In this case, press NAVI button, then delete unwanted titles in Navigation menu. Or, press RETURN button to remove the message.
- After step [2], a warning message appears when more than 20 timer programs have been setup. In this case, press TIMER button to remove the message.

VPS (Video Program System)/PDC (Program Delivery Control)



The Video Program System (VPS) or the Program Delivery Control (PDC) is a very convenient system sent by the broadcaster to ensure that the TV programs you have programmed for timer recording, will be recorded exactly from beginning to end, even if the actual broadcasting time differs from the scheduled time due to delayed start or extension of the program duration. Also, if a program is interrupted and, for example, some special news are inserted, the recording can also be interrupted automatically and resumed when the program continues.

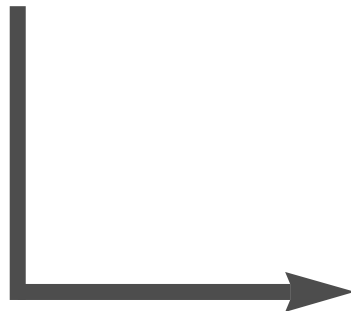
Example:

To record the Movie from 19:00 to 21:00.

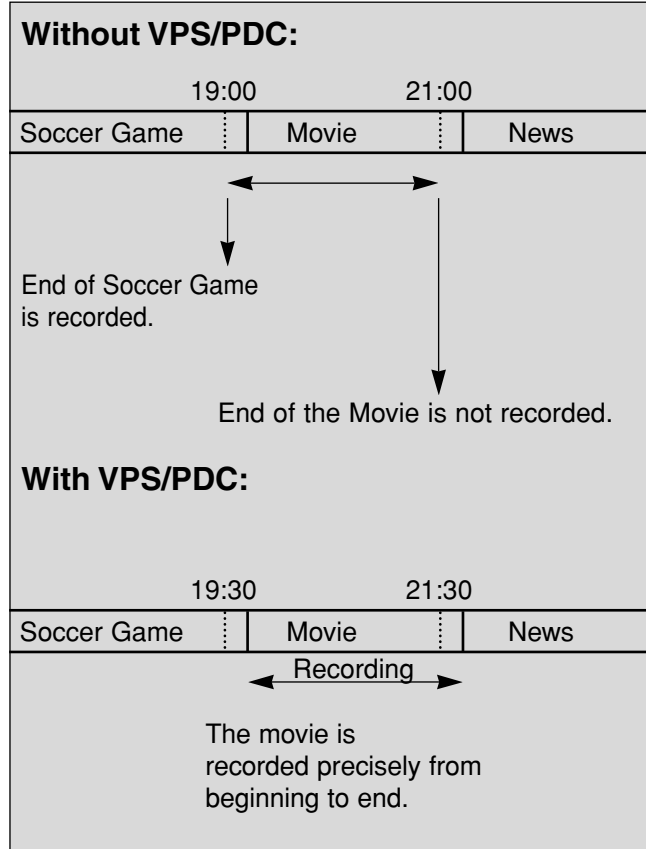
19:00		21:00	
Soccer Game	Movie	News	

Actual Broadcasting Time
(Soccer Game ends 30 minutes later)
The Movie is delayed until 19:30.

19:30		21:30	
Soccer Game	Movie	News	



Recording Result:



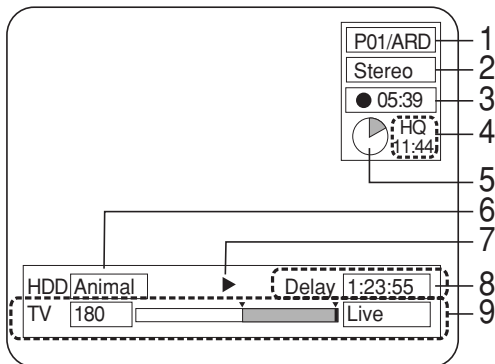
NOTE

- When the VPS/PDC signal disappears because the broadcast signal is weak, or when a broadcasting station does not transmit a regular VPS/PDC signal, the timer recording will be performed in the normal mode (without VPS/PDC) even if it was programmed for VPS/PDC. If a deviating VPS/PDC time is stated, i.e. "20.15 (VPS/PDC 20.14)", the VPS/PDC time 20.14 has to be entered to the minute. If one does not enter the exact VPS/PDC time, then VPS/PDC must be switched off. Otherwise the recording will not take place.

THE INFORMATION DISPLAY

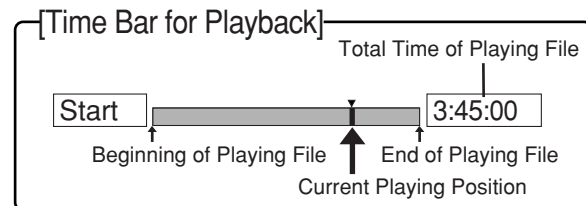
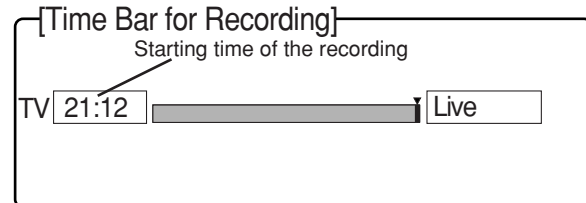
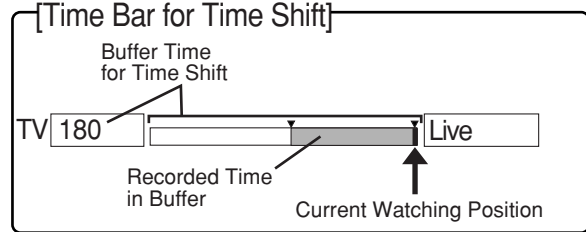


Press DISPLAY button to access or remove the Information Display.



1. TV program Display
2. Audio Mode (Stereo, Main, or Sub)
3. **When Recording:**
“●” and End time of recording
4. Record Mode and Time of free HDD space
5. HDD Space (The blue part shows the used disc.)
6. **When Time Shift:** TV program Display
When Recording: “TV program”
When Playing: Playing title Name
7. Action Status Display
(▶ =Playing, II=Pausing playback, etc.)
8. **When Time Shift & Recording:**
Delay Status from the playing time to the live time
When Playing: Time Counter Status
9. Status Bar (See right.)

[Status Bar in the Information Display]



RECORDING FROM DVD DISC TO HDD

The instructions on this page show you how to record to HDD from DVD.

1 Turn on the TV and set it to video program.

2 Press DVD button.

- The digital display appears on the front of the HDR1000.

3 Press OPEN/CLOSE button.

- The disc loading tray will open.

4 Place a disc into the tray.

- Make sure the disc is positioned properly in the correct recess, with the label visible.

5 Press PLAY button.

6 Press REC/OTR button.

- The blue HDD light and “®” indicator appear on the front panel on the HDR1000.

7 To stop recording, press STOP button.

- “Do you want to stop the recording?” will appear. If it is OK, press STOP button again.

Helpful Hints

- *There is no direct digital copy from the DVD disc to the HDD.*
- *It is not possible to record from DVD on HDD if the DVD disc is copy protected. In this case, a warning message will appear.*
- *When the HDR1000 is already making a recording a program or from an external source, it is not possible to record the DVD on HDD.*
- *See Helpful hints on page 24 for more information.*

DVD OPERATION

PLAYING A DVD VIDEO, AN AUDIO CD, OR A VIDEO CD



Getting started

Turn on the power of the TV, amplifier and any other components which are connected to the HDR1000. (Change the input system to suit the HDR1000, and check that the sound volume is correct.)

1 Press STANDBY button.

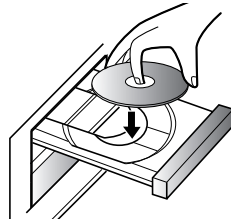
- After around 15 seconds, the HDR1000 will turn on.

2 Press DVD button.

- The digital display appears on the front of the HDR1000.

3 Press OPEN/CLOSE button.

- The disc loading tray will open.



4 Place a disc into the tray.

- Make sure the disc is sitting properly in the correct recess, with the label visible.
- Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.

5 Press PLAY button.

- The tray will close automatically, and playback will then start from the first chapter or track of the disc.
- When you play back the DVD or VIDEO CD on which a disc menu is recorded, it may appear on the screen. In this case, refer to "USING THE DISC MENUS" or "USING THE TITLE MENU".

6 Press STOP button to stop play.

NOTE

- A "prohibited icon" may appear at the top-right on the TV screen during operation, warning that a prohibited operation has been encountered by the HDR1000 or the disc.
- If a disc is dirty or has scratches, the pictures may appear distorted and the playback operation may stop. In such cases, clean the disc before resuming playback.
- With DVDs that use some titles for playback program signals, playback may start from the second title, or it may skip these titles.



DISC MENUS

DVD **VCD** (with PBC function)

Some DVDs or VIDEO CDs contain their own menus, such as a guidance menu which describes the contents of the disc or a selection menu for sound, language and other customised settings.

- Before you begin, press DVD button.

1 Press MENU button.

- The disc menu will appear.

2 Select the desired title.

- **In the case of DVD:** Press arrow buttons (▲/▼/▶/◀) to change the setting, and then press OK button.
- **In the case of VCD:** Press Number button.

3 Playback will start from the selected title.

TITLE MENU

DVD

With a DVD containing a title menu, you can select desired titles from the menu.

- Before you begin, press DVD button.

1 Display "Title" screen.

- Press TITLE button.

2 Select the desired title.

- Press arrow buttons (▲/▼/▶/◀) to change the setting, and then press OK button.

CALLING UP A MENU SCREEN DURING PLAYBACK

For DVDs

- Press MENU button to call up the DVD menu.
- Press TITLE button to call up the title menu.

NOTE

- Contents of menus and corresponding menu operations may vary between discs. Refer to the manual accompanying the disc for details.

VCD

- Before you begin, press DVD button.

1 Display "Title" screen.

- Press TITLE button.

2 Select the desired title.

- Press Number buttons to change the setting. Playback will start.

DVD OPERATION

PAUSE



- Before you begin, press DVD button.
- 1 Press **PAUSE** button during playback.
- Playback will pause, with sound muted.
- 2 Press **PLAY** button to resume playback.

STEP BY STEP PLAYBACK



- Before you begin, press DVD button.
- 1 Press **PAUSE** button during playback is paused.
- The next picture frame is displayed with sound muted each time the button is pressed.
- 2 Press **PLAY** button to resume playback.

RESUME



- Before you begin, press DVD button.
- 1 Press **STOP** button during playback.
- Playback will stop, and then appear the resuming message at the centre.
- 2 Press **PLAY** button.
- Playback will start from the point where playback stopped.

NOTES

- The resume function can be reset by pressing **STOP** button **twice** or by opening the disc loading tray.
- Some Video CDs with PBC function resume playback from the beginning of the track.

FAST FORWARD/REVERSE SEARCH



- Before you begin, press DVD button.
- 1 Press **▶▶** or **◀◀** button during playback.
- For DVDs, pressing **▶▶** or **◀◀** button repeatedly to select the required forward or reverse speed: x2, x8, x30, x60.
- For VCDs, pressing **▶▶** or **◀◀** button repeatedly to select the required forward or reverse speed: x2, x8, x30.
- For CDs, the playback speed is x16 fixed.

- 2 Press **PLAY** button to return to normal playback speed.

SLOW MOTION



- Before you begin, press DVD button.
- 1 Press **PAUSE** button during playback.
- 2 Press **▶▶** button.
- Slow motion mode will be activated. (Sound remains muted.)
- Pressing **▶▶** button to select the required speed: 1/16, 1/8, 1/2 of the normal playback.
- 3 Press **PLAY** button to return to normal playback speed.

NOTE

- Slow playback is not available with audio CD's or VIDEO CDs.
- In reverse slow playback is not available.

DVD OPERATION

ZOOM



Images can be enlarged on the screen.

NOTE

- Zooming function does not work in a disc menu.
- Before you begin, press DVD button.

1 Press ZOOM button during playback.

- Playback will continue.

2 Press ZOOM button repeatedly to select the required zoom factor: x2, x4 or OFF.

3 To move the zoomed image left, right, up, or down.

- Press cursor (▲/▼/▶/◀) button during zoom play.

4 To exit zoom mode

- Press ZOOM button to OFF in the menu bar.

STARTING FROM A DESIRED TRACK



- Before you begin, press DVD button.

1 Press Number buttons to enter the desired track number.

- The selected track will be located, and playback will start.

You can also press SEARCH MODE button, use Number buttons to enter the track number. When the track number is entered in the entry box, playback of the desired track will start automatically.

TRICKS WITH SKIP BUTTONS (◀◀, ▶▶)

If SKIP button ▶▶ is pressed during playback or whilst playback is paused, the current track is skipped and the next track is played. When SKIP button ◀◀ is pressed once, the beginning of the current track is located for replaying. When SKIP button ◀◀ is pressed again within 2-second playback, the previous track is located.

TITLE/CHAPTER



- Before you begin, press DVD button.

1 Press SEARCH MODE button to display the Title/Chapter Search on the TV screen.

2 Press Number button to set your desired title or chapter.

- During playback, you can select title.
- When playback is stopped, you can select chapter.

TIME SEARCH



- Before you begin, press DVD button.

1 Press SEARCH MODE button twice during playback.

2 Press Number buttons to set the desired time count.

- **Example:** 1 hour, 23 minutes and 30 seconds
1, 2, 3, 3, 0

NOTE

- In the case of DVD, Time Search in Title is possible. (But Time Search in Chapter is not possible.)
- In the case of CD or VIDEO CD, Time Search in Track is effective. (But Time Search in the entire disc is ineffective.)
- Playback from a desired time count is not available with some discs.
- Time search is not available with some discs.

DVD OPERATION

REPEAT PLAYBACK



- REPEAT are available only during playback.
- Before you begin, press DVD button.
- To repeat the current chapter, press REPEAT button.
REPEAT [CHAPTER] appears on the TV screen.
- To repeat the current title, press REPEAT button a second time.
REPEAT [TITLE] appears on the TV screen.
- To exit Repeat mode, press REPEAT button a third time.
REPEAT [OFF] appears on the TV screen.

REPEAT TRACK



- Before you begin, press DVD button.
- To repeat the current track, press REPEAT button.
REPEAT [TRACK] appears on the TV screen.
- To repeat the entire disc, press REPEAT button a second time.
REPEAT [ALL] appears on the TV screen.
- To exit Repeat mode, press REPEAT button a third time.
REPEAT [OFF] appears on the TV screen.

NOTE

- Repeat playback is not available when you play the Video CD with PBC function.

A-B REPEAT



You can define a section to be played back repeatedly.

- Before you begin, press DVD button.

- 1 Press A-B REPEAT button at your chosen starting point.**
- **REPEAT [A-]** appears briefly on the TV screen, and the TV screen.
- 2 Press A-B REPEAT button again at your chosen end point.**
- **REPEAT [A-B]** appears briefly on the TV screen, and the repeat sequence begins.
- 3 To exit Repeat mode, press A-B REPEAT button.**

PROGRAM



You can determine the order in which Tracks will play.

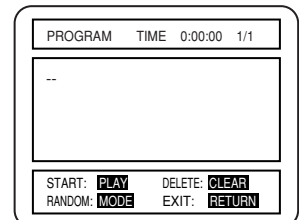
- Before you begin, press DVD button.

1 Press MODE button in stop mode.

- The program screen will appear.

2 Enter the desired track numbers.

- Press Number buttons to select the Track number you want.



3 Press PLAY button.

- Playback will start in the programmed order.

RANDOM PLAYBACK



- This shuffles the playing order of tracks instead of playback in the sequence.
- Before you begin, press DVD button.

1 Press MODE button twice in stop mode.

2 Press PLAY button.

- Random playback will then start.

DVD OPERATION

MP3 PLAYBACK

MP3

When you insert a CD with MP3 files in the HDR1000, the MP3 menu will appear on the TV screen.

1 In stop mode, press **▲** or **▼** button to select the desired Album or Track.

- To play a chosen track, press PLAY button or OK button.
- When you select an album, press OK button. The track selection screen will appear. Press **▲** or **▼** button to select the desired track, then press PLAY button or OK button.
- Choose FIRST PLAY to start playback from the beginning of the listed tracks.
- Press TITLE button to return to the first item.

2 Press STOP button to stop playback.

NOTE:

- Folders are known as Albums; files are known as

DISPLAY INFORMATION

MP3

You can check the MP3 files during playback.

1 Press DISPLAY button during playback.

- The playing track will be highlighted.

2 Press DISPLAY button again to show the elapsed playing time at the top on the TV screen.

- T - indicates Track repeat
- A - indicates Album (folder) repeat
- D - indicates Disc repeat

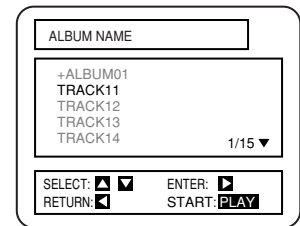
3 Press DISPLAY button again to exit.

TRACK SELECTION

MP3

1 Press SEARCH MODE button during playback.

- The SEARCH menu will appear.
- The current track will be highlighted.



2 Press **▲** or **▼** button to select a desired track.

3 Press PLAY button to start playing.

4 Press RETURN button or SEARCH MODE button to exit.

RANDOM PLAYBACK

MP3

1 Press MODE button twice during playback is stopped.

2 Press PLAY button to play the tracks in random order.

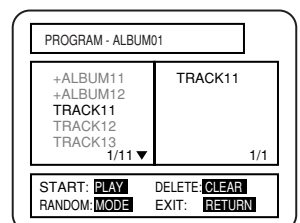
PROGRAM

MP3

1 Press MODE button during playback is stopped.

2 Press **▲** or **▼** button to select a track, then press OK button.

- Press CLEAR button to erase the incorrect input.



3 Press PLAY button to start programmed playback.

DVD OPERATION

AUDIO LANGUAGE



The HDR1000 allows you to select a language during DVD disc (if multi language available) playback.

- Before you begin, press DVD button.

- 1 Press AUDIO button during playback.**
- 2 Press AUDIO button repeatedly to select your desired language.**

STEREO SOUND MODE



- 1 Press AUDIO button repeatedly during playback to select between AUDIO STEREO, AUDIO L-CH or AUDIO R-CH.**

AUDIO STEREO - both right and left channels are active (stereo)
AUDIO L-CH - only left channel is active
AUDIO R-CH - only right channel is active

SUBTITLE LANGUAGE



The HDR1000 allows you to select a language (if available) during DVD disc playback.

- Before you begin, press DVD button.

- 1 Press SUB T. button during playback.**
- 2 Press SUB T. button repeatedly to select your desired subtitle language.**
- The available languages appears on the right of the subtitle display.
- 3 To turn off subtitles, press SUB T. button repeated until OFF appears.**

CAMERA ANGLE



Some DVD discs contain scenes which have been shot simultaneously from various angles.

- Before you begin, press DVD button.

- 1 Press ANGLE button during playback.**
- 2 Press ANGLE button repeatedly to select your desired different angle appears on the right of the angle display.**

CHANGING THE ON-SCREEN DISPLAY



You can check information about the current disc by pressing DISPLAY button on the remote control.

- Before you begin, press DVD button.

- 1 Press DISPLAY button during playback to show current Chapter.**
- The elapsed and remaining playing time of the current chapter will be displayed.
- 2 Press DISPLAY button again to show current Title.**
- The elapsed and remaining playing time of the current title will be displayed.
- 3 Press DISPLAY button the third time.**
- The BIT RATE, layer number (if available) and the current repeat setting will be displayed.
- 4 Press DISPLAY button the fourth time to remove the display.**



- 1 Press DISPLAY button during playback, the current Track will be displayed on the TV screen.**
- The elapsed and remaining playing time of the current track will be displayed.
- 2 Press DISPLAY button again to show current Total Track.**
- The elapsed and remaining playing time of the current total track will be displayed.
- 3 Press DISPLAY button the third time to remove the display.**

DVD OPERATION

PARENTAL LOCK

You need a password to change the levels of the Parental Controls. Follow the steps below to entry (or change) the your password.

- Before you begin, press DVD button.

- 1 Press SETUP button during playback is stopped.**
- 2 Press ▲ or ▼ button to select “PARENTAL”, then press OK button.**
- 3 Enter your four-digit password.**
 - If for the first time, enter any four digits, then press OK button.
 - To change the password, press ▲ or ▼ button to select CHANGE, then press OK button. Enter the four-digit password, then press OK button.
- 4 Press SETUP button to exit.**

NOTE:

If you forget the password, enter 4737 at step [3]. Password will be cleared and parental level will be set to ALL.

PARENTAL LEVEL

Parental Level allows you to set the rating level of your DVD discs. Playback will stop if the disc's ratings exceed the level you set.

- Before you begin, press DVD button.

- 1 Press SETUP button during playback is stopped.**
- 2 Press ▲ or ▼ button to select “PARENTAL”, then press OK button.**
- 3 Enter your four-digit password.**
- 4 Press ▲ or ▼ button to select “PARENTAL LEVEL”, then press OK button.**
- 5 Press ▲ or ▼ button to select the desired level, then press OK button.**
 - **Level 8**
DVD software of any grade (adult/general/children) can be played back.
 - **Levels 7 to 2**
Only DVD software intended for general use and children can be played back.
 - **Level 1**
Only DVD software intended for children can be played back, with those intended for adult and general use prohibited.
- 6 Press SETUP button to exit.**

MARKER SETUP SCREEN

DVD **CD** **VCD** (with PBC function)

Use markers to memorise your favourite places on a disc.

- Before you begin, press DVD button.

1 Press **SEARCH MODE** button three times during playback.

- The display screen and Markers will appear on the TV screen.

2 Press **◀** or **▶** button to select 1, 2, 3, 4 or 5 and ensure that "NOT SET" appears in the display.

3 When reaches the desired point, press **OK** button.

- The Title or Track and elapsed playing time will appear in the TV screen.

4 To return to the Marker later, press **SEARCH MODE** button three times during playback and **◀** or **▶** button to choose the desired marker, then press **OK** button.

NOTE:

- Opening the disc tray or turning off the power or select AC at step [2] and press OK button will erase all Markers.

CHANGE THE DVD PLAYER SETTINGS

AUDIO SETTINGS FOR DVD

- Before you begin, press DVD button.

- 1 Press **SETUP** button during playback is stopped.
- 2 Press **▲** or **▼** button to select "AUDIO", then press **OK** button.
- 3 Press **▲** or **▼** button to choose the below items and press **OK** button repeatedly to turn the setting **ON** or **OFF**.

DRC (Dynamic Range Control):

- To compress the range of sound volume.

DOLBY DIGITAL:

- If you connected the HDR1000 to a stereo with Dolby Digital compatible.

DTS:

- If you connected the HDR1000 to a stereo with DTS compatible.

MPEG:

- If you connected the HDR1000 to an MPEG-compatible stereo.

DOWN SAMPLING:

- Press **OK** button, then **▲** or **▼** button to select AUTO, 48kHz or 96kHz. Press **OK** button again to confirm selection.
- Select 96kHz if the disc was recorded in PCM 96kHz, otherwise select 48kHz.

- 4 Press **SETUP** button to exit.

TRUSURROUND SETTING

You can enjoy improved stereo sound when you play disc in Dolby Digital, PCM 48kHz or MPEG Audio.

- 1 Press **MODE** button during playback.
- 2 Press **OK** button repeatedly to select **ON** or **OFF**.

- The factory default setting is OFF. Select ON only is you connected the DVD/VCR to a stereo with Dolby Digital or MPEG decoder.

NOTE:

- If you use the COAXIAL out connector, turn off SRS TruSurround, otherwise there will be no sound.

CHANGE THE DVD PLAYER SETTINGS

DISPLAY SETTINGS

- Before you begin, press DVD button.

- 1 Press **SETUP** button during playback is stopped.
- 2 Press **▲** or **▼** button to select “**DISPLAY**”, then press **OK** button.
- 3 Press **▲** or **▼** button to select the below items, then press **OK** button.

TV ASPECT:

Press **▲** or **▼** button for an item selection, then press **OK** button.

- Select 4:3 LETTER BOX for a black bars appears on the top and bottom of the screen.
- Select 4:3 PAN & SCAN for a full height picture with both sides trimmed.
- Select 16:9 WIDE if a wide-screen TV is connected to the HDR1000.

PANEL DISPLAY:

Press **▲** or **▼** button to select **BRIGHT**, **DIMMER** and **AUTO**, then press **OK** button.

- This adjusts the brightness of the display panel with the factory default **BRIGHT**.
- When **AUTO** is selected, the display dims only during playback.

ANGLE ICON:

Press **OK** button repeatedly to turn Angle icon **ON** or **OFF**.

- The default setting is **ON**.

- 4 Press **SETUP** button to exit.

CHANGE THE DVD PLAYER SETTINGS

LANGUAGE SETTINGS

Initial Setting (On-screen display)

You can set the language for on screen menu.

- Before you begin, press DVD button.

- 1 Press **SETUP** button when not in playback.
- 2 Press **▲** or **▼** button to select “LANGUAGE”, then press **OK** button.
- 3 Press **▲** or **▼** button to select “PLAYER MENU”, then **OK** button.
- 4 Press **▲** or **▼** button to select a setting, then press **OK** button.
- 5 Press **SETUP** button to exit.

NOTE:

- You need to set up the on-screen language of HDD and DVD separately. Details are on page 18.

Language options

Language options are not available on all discs.

- Before you begin, press DVD button.

- 1 Press **SETUP** button during playback is stopped.
- 2 Press **▲** or **▼** button to select “LANGUAGE”, then press **OK** button.
- 3 Press **▲** or **▼** button to select “AUDIO”, “SUBTITLE”, “DISC MENU” or “PLAYER MENU”, then **OK** button.
- 4 Press **▲** or **▼** button to select a setting, then press **OK** button.
 - If OTHER is selected in the AUDIO, SUBTITLE or DISC MENU screen, press four-digit number to enter the code for the desired language.
 - You can only select other languages if its available on the disc.
- 5 Press **SETUP** button to exit.

Language	Code	Language	Code	Language	Code	Language	Code
A-B		French [FRE]	5264	Macedonian	5957	Siswat	6565
Abkhazian	4748	Frisian	5271	Malagasy	5953	Slovak	6557
Afar	4747	Galician	5358	Malay	5965	Slovenian	6558
Afrikaans	4752	Georgian	5747	Malayalam	5958	Somali	6561
Albanian	6563	German [GER]	5051	Maltese	5966	Spanish [SPA]	5165
Amharic	4759	Greek [GRE]	5158	Maori	5955	Sundanese	6567
Arabic	4764	Greenlandic	5758	Marathi	5964	Swahili	6569
Armenian	5471	Guarani	5360	Moldavian	5961	Swedish [SWE]	6568
Assamese	4765	Gujarati	5367	Mongolian	5960	T	
Aymara	4771	Hausa	5447	Nauru	6047	Tagalog	6658
Azerbaijani	4772	Hebrew	5569	Nepali	6051	Tajik	6653
Bashkir	4847	Hindi	5455	Norwegian [NOR]	6061	Tamil	6647
Basque	5167	Hungarian [HUN]	5467	O-R		Tatar	6666
Bengali;Bangla	4860	I-K		Occitan	6149	Telugu	6651
Bhutani	5072	Icelandic [ICE]	5565	Oriya	6164	Thai	6654
Bihari	4854	Indonesian	5560	Oromo(Afan)	6159	Tibetan	4861
Bislama	4855	Interlingua	5547	Panjabi	6247	Tigrinya	6655
Breton	4864	Interlingue	5551	Pashto;Pushto	6265	Tonga	6661
Bulgarian	4853	Inupiak	5557	Persian	5247	Tsonga	6665
Burmese	5971	Irish [IRI]	5347	Polish	6258	Turkish [TUR]	6664
Byelorussian	4851	Italian [ITA]	5566	Portuguese [POR]	6266	Turkmen	6657
C-E		Japanese [JPN]	5647	Quechua	6367	Twi	6669
Cambodian	5759	Javanese	5669	Rhaeto-Romance	6459	U-Z	
Catalan	4947	Kannada	5760	Romanian [RUM]	6461	Ukrainian	6757
Chinese [CHI]	7254	Kashmiri	5765	Russian [RUS]	6467	Urdu	6764
Corsican	4961	Kazakh	5757	S		Uzbek	6772
Croatian	5464	Kinyarwanda	6469	Samoa	6559	Vietnamese	6855
Czech	4965	Kirghiz	5771	Sangho	6553	Volapuk	6861
Danish [DAN]	5047	Kirundi	6460	Sanskrit	6547	Welsh	4971
Dutch [DUT]	6058	Korean [KOR]	5761	Scots Gaelic	5350	Wolof	6961
English [ENG]	5160	Kurdish	5767	Serbian	6564	Xhosa	7054
Esperanto	5161	L-N		Serbo-Croatian	6554	Yiddish	5655
Estonian	5166	Laothian	5861	Sesotho	6566	Yoruba	7161
F-H		Latin	5847	Setswana	6660	Zulu	7267
Faroese	5261	Latvian;Lettish	5868	Shona	6560		
Fiji	5256	Lingala	5860	Sindhi	6550		
Finnish [FIN]	5255	Lithuanian	5866	Singhalese	6555		

If you choose a Language that has a 3 letter language code, the code will be displayed everytime you change the Audio or Subtitle language setting on page 39. If you choose any other languages, ‘---’ will be displayed instead. (3 letter language code is written in bracket.)

TROUBLESHOOTING GUIDE

If the unit does not perform properly when operated as instructed in this Owner's Manual, consult the following checklist.

No power

- Make sure the mains cord is connected to the wall socket.
- Make sure the power is turned on.

TV programs cannot be seen.

- Re-check the ANT.IN and ANT. OUT connections.
- Set your TV to the correct TV program.

No operation by infrared Remote Control.

- Check the batteries in the remote control.
- Aim the remote control directly at the remote sensor of the HDR1000. See page 10 point 15.
- Press HDD button on the remote control to operate in the HDD mode, then try again.
- Press DVD button on the remote control to operate in the DVD mode, then try again.
- Remove the obstacles from the signal path.
- Use the remote control within 7m of the HDR1000.

HDR1000 does not operate at all even if you press any buttons.

- Press the RESET button on the rear panel of HDR1000 with the tip of a pen etc. The hard disc setting of HDR1000 will reset. Then, press STANDBY button to turn on the HDR1000.

[HDD mode]

Power Failure

- If the power fails for more than five minutes, programmed timer recording data will be restored when the clock is reset. (The clock will reset itself automatically if you are using AUTO CLOCK. If you are not using AUTO CLOCK, reset the clock manually. Details are on pages 16-17.)
- Power failures that last for more than five minutes can cause you to lose your clock setting if you set the clock manually. If this happens, set the clock again.

Timer recording is not possible.

- Make sure the timer recording is set correctly.
- Make sure the clock is set correctly.

Recording mode cannot be engaged.

- You cannot copy a copyrighted program. You are experiencing copy guard protection.
- It is not possible to record from DVD on HDD if the DVD disc is copy protected. In this case, a warning message will appear.

No picture or poor picture on HDD playback.

- Set your TV to the video program.
- Fine tune your TV.

[DVD mode]

Disc cannot be played

- Make sure a playable disc is inserted.
- Make sure the disc is placed correctly, with the label side up.
- Clean the disc.
- Cancel the parental lock or change the control level.

No sound

- Make sure the audio cables are connected firmly.
- Make sure the power of the audio component is turned on.
- Correct the audio output settings.
- Correct the input settings on the audio component.

No DTS audio at analog output

- Use a DVD DIGITAL OUT connectors when outputting the DTS audio.

Distorted picture

- Connect the HDR1000 directly to the TV via scart, Y/C, or RF cable.
- There are some cases where pictures may be slightly distorted, which are not a sign of a malfunction.

Audio or subtitle language does not match the setup.

- The selected language is not available for audio or subtitles on the DVD. (No malfunction.)

The camera angle cannot be changed.

- The DVD does not contain sequences recorded from different camera angles. (No malfunction.)

Audio or subtitle language cannot be changed.

- The DVD does not contain audio source or subtitles in the selected language. (No malfunction.)

"X" (Prohibited icon) appears on the screen, prohibiting an operation.

- That operation is prohibited by the player or disc. (No malfunction.)

NOTES

- Some functions are not available in specific modes, but this is not a malfunction. Read the description in this Owner's Manual for details on correct operations.
- Playback from a desired track and random playback are not available during program playback.

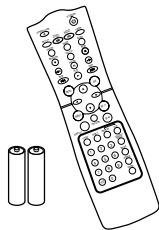
SPECIFICATIONS

Product type :	HDR 1000/01	Connections	
Playable Discs :	DVD video / DVD+RW / Audio CD / CD-R / CD-RW Video CD	Antenna input:	Coaxial type, male
Television System :	PAL B/G, PAL I, SECAM L/L'	Antenna output:	Coaxial type, female
Colour System :	PAL	Scart connector input/output:	21 pin scart connector x 2 (For TV x1 / For DECODER x1)
Frequency response		Video output/input	Video output/input
DVD (linear sound) :	20 Hz to 22 kHz (sample rate: 48 kHz)	Audio output/input	Audio output/input
	20 Hz to 44 kHz (sample rate: 96 kHz)	RGB output	RGB output (For TV & DVD only)
CD, Video CD:	20 Hz to 20 kHz	Pin 8 switching	Pin 8 switching (For TV)
Signal-to-noise ratio (S/N ratio)		2LEVEL(HDD)	2LEVEL(HDD)
DVD (linear sound) :	100 dB	3LEVEL(DVD)	3LEVEL(DVD)
Dynamic range		Pin 16 switching	Pin 16 switching (For TV & DVD only)
DVD (linear sound) :	90 dB	Y/C output :	Mini DIN 4-pin connector (75 ohm)
CD, Video CD:	90 dB	Coaxial DVD digital output :	One pin connector, 500mVpp (75 ohm)
Frequency range:	43 to 863 MHz (Hyperband, UHF, VHF)	Optical DVD digital output :	Optical connector
RF modulator:	Built-in UHF modulator	Analog audio output :	Two RCA connectors (one left channel, one right channel)
Modulator frequency output:	559 to 623 MHz (Adjustable)		2 Vrms (47 kilo-ohm)
Preset Modulator output:	591 MHz	Power requirement :	AC 220 - 240 V ~ , 50 Hz
HDD Deck		Power consumption :	42 W (standby: 3.8 W)
Record Format		Operating temperature :	5°C to 35°C
Video:	MPEG2 CBR	Dimensions :	W 435mm H 87mm D 339.5mm
Audio:	ADPCM/LPCM	Weight :	6.0kg (Approx.)
Internal HDD space:	40GB		

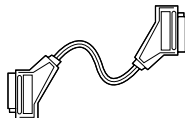
- Designs and specifications are subject to change without notice.
- If there is a discrepancy between languages, the default language will be English.

SUPPLIED ACCESSORIES

- Remote Control with two R6 (AA) Batteries



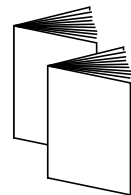
- Scart Cable (Euro Audio/Video Cable)



- Coaxial Cable (For ANT. OUT)



- Owner's Manuals (English/German/Dutch manual & French/Spanish/Italian manual)



- World Wide Guarantee

