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You can read the recommendations in the user guide, the technical guide or the installation guide for THOMSON CB1160HDD. You'll find the answers to all your questions on the THOMSON CB1160HDD in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual THOMSON CB1160HDD
User guide THOMSON CB1160HDD
Operating instructions THOMSON CB1160HDD
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Instruction manual THOMSON CB1160HDD

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CB1160HDD

EN HDD & DVD / VIDEO CASSETTE RECORDER



VHS DVD disc DIVX HDMI
HDD DOLBY DIGITAL DVB-T DV-in



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Manual abstract:

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. @@Only qualified service personnel should remove the cover or attempt to service this unit, due to the possibility of 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 AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. DO NOT STARE INTO BEAM. LOCATION: INSIDE, NEAR THE DECK MECHANISM.** Caution 1 Do not attempt to open the cabinet. There are no user serviceable parts inside. Refer all servicing to qualified service personnel. Slots and openings in the cabinet at the sides and underneath are provided for ventilation.

To ensure reliable operation and to protect the unit from overheating, these openings must not be blocked or covered. Avoid installation in enclosed spaces such as bookcases unless suitable ventilation is provided. Keep the unit away from radiators and other heat sources. Avoid use near strong magnetic fields. Do not push objects of any kind into the unit through the cabinet slots or openings as they could touch electrically live parts or short circuit parts resulting in a fire or electric shock.

To prevent fire or shock hazard, do not expose this apparatus to dripping or splashing, no objects filled with liquids, such as vases, should be placed on the apparatus. Do not stand the unit vertically. Use the unit in a horizontal (flat) position only. Before attempting to operate the unit, make sure that the timer recording mode is off. This product is in Stand-by mode when turned off while the mains cable is connected.

The front panel display will not light up. This is a Power Saving Mode (ECO) for standby. Do not place any combustible objects on the device (candles, etc.). Before moving the unit, be sure to remove any discs and unplug the mains cable from the AC outlet. Disconnect the mains plug to switch off when the unit becomes faulty or not in use. The mains plug shall remain readily operable. Read the manual instructions to ensure correct and safe installation and interconnection of the unit in multimedia systems. Keep the distances 20 cm around apparatus of ventilation openings. 2 3 4 5 Power Supply The power supply is connected and the unit is live when the mains cable is plugged into a 220 - 240 V~, 50 Hz AC outlet.

To operate the unit, press [STANDBY-ON Q]. **WARNING: LIVE PARTS INSIDE. DO NOT REMOVE ANY SCREWS.** 6 7 8 9 10 11 12 13 14 15 2 EN E3TF0ED_EN.book Page 3 Wednesday, March 17, 2010 11:20 AM 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. This product consists of materials which can be recycled and reused if disassembled by a specialised company. Following information is only for EU-member states: The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Following information is only valid EU-member States: Disposal of batteries and/or accumulators The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste. If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol. By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the Pb, Hg, Cd product. Make your contribution to the environment!!! •Exhausted batteries do not belong in the dustbin.

• You can dispose of them at a collection point for exhausted batteries or special waste. • Contact your council for details. Do not place the unit on the furniture that is capable of being tilted by a child and an adult leaning, pulling, standing or climbing on it. A falling unit can cause serious injury or even death. Installation Location For safety and optimum performance of this unit: • Install the unit in a horizontal and stable position. • Keep the unit away from electronic equipment such as an amplifier, TV, etc. to prevent warping, damage, fire and malfunction. • Do not place anything directly on top of the unit. • Shield the unit from direct sunlight and keep away from sources of intense heat. Avoid dusty or humid locations. Avoid locations with insufficient ventilation for suitable heat dissipation. Do not block the ventilation holes on the sides of the unit. Avoid locations subject to strong vibration or strong magnetic fields. Introduction Connections Basic Setup / TV View Operation Avoid the Hazards of Electrical Shock and Fire • Do not handle the mains cable with wet hands. • Do not pull on the mains cable to disconnect it from the AC outlet.

Grasp it by the plug. • If, by accident, water is spilled on the unit, unplug the mains cable immediately and take the unit to an authorised service centre for servicing. Moisture Condensation Warning Moisture condensation may occur inside the unit when it is moved from a cold place to a warm place, after heating a cold room, or under conditions of high humidity. Do not use the unit for at least 2 hours to allow the inside to dry. Recording About Copyright Unauthorised copying, broadcasting, public performance and lending of discs are prohibited. This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorised by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision. Reverse engineering or disassembly is prohibited. Playback Editing Notice for the Progressive Scan Outputs Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of picture problems with 480 or 576 progressive scan output, it is recommended that the user switch the connection to the 'standard definition' output. If there are questions regarding your TV set compatibility with this 480p or 576p product, please contact our customer service centre.



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LINK button (HDD) Recording Playback Editing Function Setup Note • Button names described in the Owner's Manual : The instructions in this manual are described mainly with the operations using the remote control. Some operations can be carried out using the buttons on the front panel. • If you turn off this unit, [OPEN\CLOSE EJECT A] on the remote control is not available. Be sure to use [OPEN\CLOSE A] or [STOP\EJECT C A] on the unit. VCR Functions Others EN 11 E3TF0ED_EN.book Page 12 Wednesday, March 17, 2010 11:20 AM Installing Batteries in the Remote Control Install 2 R6 (1.5 V) batteries (supplied) into the remote control, carefully match with the polarity indicated inside the battery compartment. Switching HDD / DVD / VCR mode You must select which component you want to operate first. Press [HDD], [DVD] or [VCR] on the remote control or the front panel.

Device select indicators 1 2 3 Caution • Incorrect use of batteries can result in hazards such as leakage and bursting. • Do not mix new and old batteries together. • Do not use different kinds of batteries together. • Make sure that the plus (+) and minus (-) ends of each battery match the indications inside the battery compartment. • Remove batteries if the equipment will not be used for a month or more.

• When disposing used batteries, please comply with governmental regulations or the public instructions for environmental protection that apply in your country or area. • Do not recharge, short-circuit, heat, burn or disassemble batteries. buttons VCR indicator DVD indicator HDD indicator VCR button HDD button DVD button HDD Press [HDD] on the remote control or the front panel. (Verify that the HDD indicator is lit in blue.) DVD Press [DVD] on the remote control or the front panel.

(Verify that the DVD indicator is lit in green.) VCR Press [VCR] on the remote control or the front panel. (Verify that the VCR indicator is lit in orange.) About the Remote Control • Make sure there is no obstacle between the remote control and the remote control sensor on the unit. • Use within the operating range and angle as shown. 5 m (30°) 7m 5 m (30°) Within about 5 m • The maximum operable range as follows: Line of sight: approximately 7 m Either side of centre: approximately 5 m within 30 degrees • Remote control operation may become unreliable if the remote control sensor of the unit is being exposed by the strong sunlight or fluorescent light. • Remote controls for different devices can interfere with each other. Be careful when using remote controls for other equipment located close to the unit. • Replace the batteries when the operating range of the remote control reduces. 12 EN E3TF0ED_EN.

book Page 13 Wednesday, March 17, 2010 11:20 AM Guide to On-Screen Displays DISPLAY Menu HDD DVD With a disc inserted into the unit, press [DISPLAY] to display the on-screen display. The on-screen display shows information about what is recorded on the disc. Press [DISPLAY] repeatedly while the display menu is displayed to display the following information. <Title / File Name Information> Title name information Title Name My Title Introduction Connections 5 6 T 1/5 C 1/5 0:01:00 / 1:23:45 1 -RW 3 VR 1 TF1 ORG 8 2 (only when VR mode DVD-RW, unfinalised video mode DVD-RW/-R disc or HDD is in playback) File name information File Name My File Basic Setup / TV View Operation 7 4 (only when MP3/JPEG/DivX® files is in playback) DVD SP 1:53 <MP3 Tag Information> (only when MP3 file is in playback) Title name information Title Name This is an example screen for explanation. Displayed items vary depending on the actual mode. Recording 1 2 3 4 5 6 Indicates a disc type and format mode. (DVD mode only) Indicates a type of titles for HDD and VR mode DVD-RW disc. Indicates a channel number, station name (analogue channel only) or selected external input mode. Indicates a media, recording speed and possible recording time left. Indicates the current title number/total number of titles, the current chapter number/total number of chapters, and time lapse of the current title playback/total duration of the title.

Each icon means: : Search : Audio : Subtitle : Angle : Repeat : Marker : Noise Reduction : Zoom : Surround Artist name information Playback Artist Name Album name information Album Name Editing <HDMI Information> Video Info. : Audio Info. : 1 480p / 2 YCbCr 3 Bitstream Function Setup (only for the images output through the HDMI output) 1 2 3 7 8 Indicates an operation status. Indicates the component in use. : HDD : DVD : USB device Indicates the resolution of the HDMI output image.

Indicates the HDMI video format. Indicates the HDMI audio format. VCR Functions • “- -” will be displayed, when it does not have any information. Note • For some descriptions on this manual, only one disc type is indicated as an example. Others EN 13 E3TF0ED_EN.

book Page 14 Wednesday, March 17, 2010 11:20 AM VCR While in the VCR mode, the on screen display of the VCR mode is displayed. Press [VCR] first. Press [DISPLAY] to display the on screen display. . Main Menu Press [SETUP] to display the main menu. Then use [K\L] to select a menu and press [ENTER\OK] to display the sub menu. Press [RETURN\BACK] to return to previous screen. Setup 1 2 STEREO 3 12:00 AV2 7 6 SP 0:00:00 STEREO 5 4 A 1 2 B 3 C 4 D 5 E F 6 G H General Setting Timer Programming Title List DVD Menu HDD Menu Dubbing DISC Playback Mode USB Playback Mode This is an example screen for explanation. Displayed items are depending on the actual mode. 1 2 3 4 5 6 7 Current time Position number Audio status of the receiving broadcast or external equipment Audio status of the currently playing back videotape Tape counter Recording or playing back speed Status of the current tape • G is displayed when a disc with CD-DA/MP3/JPEG/ Kodak Picture CD is inserted.

• H is displayed when a USB flash memory with MP3/JPEG is plugged. A General Setting INFO Menu DVB Press [C] while viewing a DVB programme to display the programme information. 1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 General Setting Playback Display Video Recording Clock Channel DivX HDMI DVB Setting Reset All Parental Lock Audio Out Disc Menu Language Audio Language Subtitle Language Angle Icon Still Mode Variable Skip/Replay TV System 3 2 1 13 Channel 4+1 English 4 11:53 Mon 6 5 1 2 3 4 5 6 NOW: Castle Stereo AD Sub Entertainment NEXT: Burning Questions 11:23 – 12:20 27 min left 12:20 – 12:25 Playback: [E Page 68] Display: [E Page 70] Video: [E Page 71] Recording: [E Pages 30-31, 38, 45] Clock: [E Page 71] Channel: [E Pages 21-26] DivX: [E Pages 49, 72] HDMI: [E Page 72] DVB Setting: [E Page 73] Reset All: [E Page 73] DVB Setting Audio language Channel number Channel name Current time and day Next programme information Current programme information General Setting Playback Display Video Recording Clock Channel DivX HDMI DVB Setting Reset All Adult Lock Maturity Lock Language About 1 2 3 4 The window will automatically exit after 4 seconds, or press [RETURN\BACK] to exit.



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While the window appears, press [C] again to display more information. Press [RETURN/BACK] to exit. 1 2 3 4 Adult Lock: [E Page 73] Maturity Lock: [E Page 73] Language: [E Page 73] About: [E Page 73] 14 EN E3TF0ED_EN.book Page 15 Wednesday, March 17, 2010 11:20 AM Introduction B Timer Programming To programme a timer recording. [E Page 33] C Title List To call up the title list. [E Page 58] D DVD Menu G DISC Playback Mode Audio CD DISC Playback Mode 1 2 1 2 Random Play Programme Play Connections DVD Menu Random Play: [E Page 55] Programme Play: [E Page 56] 1 Format 2 Finalise Disc Protect OFF ON 3 Delete All Playlists 4 1 Format (DVD-RW only): [E Pages 30, 31] 2 Finalise: [E Page 45] 3 Disc Protect (VR mode DVD-RW disc only): [E Page 45] CD-RW/-R with MP3 / JPEG / Kodak Picture CD files Basic Setup / TV View Operation 3 4 1 5 3 4 5 DISC Playback Mode Music Photo Random Play Slide Show 4 Delete All Playlists (VR mode DVD-RW disc only): [E Page 63] Music (MP3 files): [E Page 55] Photo (JPEG files): [E Pages 55, 56] Slide Show (JPEG/Kodak Picture CD files): [E Page 56] Recording E HDD Menu H USB Playback Mode HDD Menu 1 2 3 1 2 3 Delete All Titles Delete All Unprotected Titles Delete All Playlists USB Playback Mode 1 2 1 2 Music Photo Random Play Slide Show Playback Delete All Titles: [E Page 63] Delete All Unprotected Titles: [E Page 63] Delete All Playlists: [E Page 63] Music (MP3 files): [E Page 55] Photo (JPEG files): [E Pages 55, 56] F Dubbing Editing Dubbing HDD DVD HDD VCR DVD VCR DVD HDD VCR DVD 1 Function Setup 1 Dubbing menu: [E Page 43] VCR Functions Others EN 15 E3TF0ED_EN.book Page 16 Wednesday, March 17, 2010 11:20 AM Front Panel Display Guide 1 2 3 DTV DB 4 1 DTV indicator : Appears when the channel is in digital mode.

: Appears when a disc is in this unit. : Appears when a videotape is in this unit. 2 Title / Track and Chapter number : : Title / track number Chapter number DB : 4 •••••••• Appears during dubbing. Displays the following Playing back time Current title / chapter / track / file number Recording time / remaining time Clock Channel number One-touch Timer Recording (OTR) remaining time Selected HDMI video resolution 3 Current status of the unit Appears when playback is paused. Appears during step by step playback.

B: Appears when playing back an HDD or disc. F B: Appears during slow forward / reverse playback. : Appears when the timer programming or Onetouch Timer Recording (OTR) is set and operating. Appears when the unit goes into the satellite link standby or recording mode. Flashes when timer programming and satellite recording was not executed because of some error.

I: Appears during recording. Flashes when recording being paused. F: Note • Except when satellite recording is in standby, front panel display stays off while the power is off. This is a new Power Save (ECO) feature. Display Messages The disc tray is opening. Appears when HDMI video resolution (480p) is selected. Appears when HDMI video resolution (576p) is selected. Appears when HDMI video resolution (720p) is selected. Appears when HDMI video resolution (1080i) is selected. Appears when HDMI video resolution (1080p) is selected.

The disc tray is closing. A disc is loading. Data is being recorded on a disc. Appears when the satellite link recording is in standby. 16 EN E3TF0ED_EN.book Page 17 Wednesday, March 17, 2010 11:20 AM Introduction Connections Connecting to a TV Connect the unit to a TV after considering the capabilities of your existing equipment. • Analogue teletext can only be output in VCR mode through AVI (TV) out. Use TV remote control to decode the analogue teletext. • When changing the "Video Out" setting ("SCART (RGB)", "Component (Interlace)" or "Component (Progressive)"), connect to the corresponding jack on the TV. If the setting is changed, for example, to "Component (Interlace)" or "Component (Progressive)" while the scart cable is connected to the TV, a distorted video signal may be output.

Connections Before installation, unplug your TV and this unit Cable Signal Antenna or Basic Setup / TV View Operation Using the COMPONENT VIDEO OUT Jacks and the AUDIO OUT (LR) Jacks If your TV has component video input jacks, use a component video cable and an audio cable (to connect the AUDIO OUT (LR) jacks). When using this type of connection, "Video Out" setting should be set to "Component (Progressive)" or "Component (Interlace)". Refer to "B Video Out (Default: SCART (RGB))" on page 71. • Component connection provides the better quality picture. To Aerial jack Audio IN RF cable (supplied) Component video IN Y PB/CB PR/CR RF cable (not supplied) Recording 1 2 Playback 1 Connect the antenna or cable to the ANTENNA IN jack of this unit.

2 Connect the ANTENNA OUT jack of this unit to the Aerial jack of your TV. Audio cable (not supplied) 2 Component video cable (not supplied) 1 Using the Scart socket Audio/video cable (not supplied) Editing 1 Connect the COMPONENT VIDEO OUT jacks of Scart/RCA cable (not supplied) Scart cable (not supplied) Function Setup Scart adaptor (not supplied) this unit to the component video input jacks of your TV. 2 Connect the AUDIO OUT (LR) jacks of this unit to the analogue audio input jacks of your TV. • After you have made the connections, set the "Video Out" setting. (See page 71.)

) VCR Functions Selecting Progressive Scan (576p/480p or Interlaced 576i/480i) Playback • If your TV is compatible with progressive scanning (576p/480p), connect the TV to the COMPONENT VIDEO OUT jacks of this unit and set "Video Out" setting to "Component (Progressive)" in "Setup" menu. (See page 71.) Next, set your TV to the progressive scan mode. • If your TV is not compatible with progressive scan, set "Video Out" setting to "Component (Interlace)". • Use a commercially available adaptor if the video input jacks of your TVs or monitors are the BNC type. • Only component and HDMI connections are compatible with the Progressive Scan. Connect AVI (TV) Scart socket of this unit to the Scart socket of your TV. Note • If your TV does not have a Scart socket, use a Scart/RCA cable to connect. • Connect this unit directly to the TV. If the AV cables are connected to a VCR, pictures may be distorted due to the copy protection system.

Others EN 17 E3TF0ED_EN.book Page 18 Wednesday, March 17, 2010 11:20 AM Using an HDMI Compatible Port [HDMI CONNECTION] • HDMI outputs the video / audio signals without converting to analogue signals. • No audio connections is required. • Use the HDMI cable (commercially available) for connection. • Connect the HDMI output jack of this unit to the HDMI input jack of TV. HDMI cable (not supplied) To HDMI input jack Note • Because HDMI is an evolving technology, it is possible that some devices with an HDMI input may not operate properly with this unit.



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• When using an HDCP-incompatible display device, the image will not be viewed properly. • Among the devices that support HDMI, some devices can control other devices via the HDMI connector; however, this unit cannot be controlled by another device via the HDMI connector. • The audio signals from the HDMI connector (including the sampling frequency, the number of channels and bit length) may be limited by the device that is connected. • Among the monitors that support HDMI, some do not support audio output (for example, projectors).

In connections with device such as this unit, audio signals are not output from the HDMI output connector. • When this unit's HDMI connector is connected to a DVI-D compatible monitor (HDCP compatible) with an HDMI-DVI conversion cable, the signals are output in digital RGB. • If the connected equipment is not compatible with HDMI BITSTREAM, DTS sound will not be output. • When the power failure occurs, or when you unplug the unit, some problems in the HDMI setting might occur. Please check and set the HDMI setting again.

HDMI IN this unit TV Selecting HDMI video resolution Press [HDMI] to select the HDMI video resolution. The video resolution changes as follows every time [HDMI] is pressed. 576p (PAL) / 480p (NTSC) 720p 1080i 1080p (An HDMI video resolution that is not supported by the display device will be skipped.) Actual Output Modes by Media Dolby Digital / DTS / Audio recording format of MPEG setting of this the disc unit PCM Dolby Digital Stream PCM LPCM Stream DVD-video ON DTS® OFF PCM MPEG Stream PCM Dolby Digital Stream PCM DivX® MP3 Stream PCM MP2 Stream Actual output 2 channel PCM Dolby Digital 2 channel PCM DTS® 2 channel PCM MPEG 2 channel PCM Dolby Digital 2 channel PCM 2 channel PCM MPEG For audio CD and MP3 files, 2 channel PCM will be output regardless of the "Dolby Digital" setting. If the connected device is not compatible with HDMI BITSTREAM, audio will be output as PCM even if you select "Stream" in "Dolby Digital" setting.

(See page 69.) Copyright protection system To play back the digital video images of a DVD via an HDMI connection, it is necessary that both the player and the display device (or an AV amplifier) support a copyright protection system called HDCP (high-bandwidth digital content protection system). HDCP is copy protection technology that comprises data encryption and authentication of the connected AV device. This unit supports HDCP. Please read the operating instructions of your display device (or AV amplifier) for more information. * HDMI: High Definition Multimedia Interface 18 EN E3TF0ED_EN.book Page 19 Wednesday, March 17, 2010 11:20 AM Introduction Connecting to External Equipment This unit has three input terminals. Press [INPUT SELECT] repeatedly to select the external input mode, then press [PROG. G \ H] repeatedly to select AV1, AV2 or DV(AV3). Be sure that all the units are switched off before making connections.

Digital Audio for Better Sound Quality Dolby Digital decoder, DTS decoder or MPEG decoder, etc. Digital audio input jack COAXIAL Connections Recording from a DVD player, Satellite Box or other Audio-Video equipment with a Scart output socket (AV2) COAXIAL Coaxial cable (not supplied) AV output jack (Scart) Scart cable (not supplied) Basic Setup / TV View Operation AV2 (DECODER) The connections illustrated above are optional for better sound For clear digital sound quality, use the DIGITAL AUDIO OUT (COAXIAL) jack to connect your digital audio equipment. If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all. Recording Note • When you record a TV programme from a Satellite Box / decoder, you must connect a Scart cable to AV2 (DECODER). (See page 37.) • The signal from the external device will be output automatically when the TV is connected to AV1 and the external device is connected to AV2 using a Scart cable with its power on. (However, it will not be output when this unit's power is turned off.) If you want to monitor this unit's signal, press [DISPLAY] or turn the external device off. (The signal from this unit can only be monitored during playback.) If you want to monitor the signal from other input, press [DISPLAY], then press [INPUT SELECT] to select the desired external input mode, then select the desired input channel using [PROG.

G \ H]. Playback Connecting a Dolby Digital™ decoder, DTS decoder or MPEG decoder • Connecting multi-channel Dolby Digital decoder allows you to enjoy the Multi-channel Dolby Digital surround system as well as DTS decoder, Multi-channel surround system. • After connecting to a Dolby Digital decoder, set "Dolby Digital" to "Stream" in "Audio Out" menu. (See pages 68-69.) • After connecting to a DTS decoder, set "DTS" to "ON" in "Audio Out" menu.

(See pages 68-69.) • After connecting to a MPEG decoder, set "MPEG" to "Stream" in "Audio Out" menu. (See pages 68-69.) Editing Function Setup Recording from a DV-camcorder (DV(AV3)) When connecting a DV-camcorder, use DV-IN jack of DV(AV3) (Front). DV(AV3) (Front) Connecting to an MD deck or DAT deck • The audio source recorded in Dolby Digital Multi-channel surround format cannot be recorded using an MD or DAT deck as a digital sound.

• If not connected to a Dolby Digital decoder, set "Dolby Digital" to "PCM" in "Audio Out" menu. Playing back a DVD using incorrect settings may generate noise distortion and damage speakers. • Set "Dolby Digital" and "MPEG" to "PCM" and set "DTS" to "OFF" in "Audio Out" menu for connecting to an MD or DAT deck. • You can use AUDIO OUT (LR) jacks for the connection of your audio system. VCR Functions Others DV cable (4-pin) (not supplied) DV OUT EN 19 E3TF0ED_EN.book Page 20 Wednesday, March 17, 2010 11:20 AM Basic Setup / TV View Operation 6 Initial Setting When you turn on this unit for the first time, you need to follow these steps. After finishing channel setting, "Clock Setting" will appear. Clock Setting 01 / 01 / 2010 (FRI) 0 : 00 1 2 3 Press [STANDBY-ON Q]. Turn the TV on. Select the input to which the unit is connected.

"Initial Setting" will automatically appear. • The current date and time will appear automatically. • If the current date and time are correct, press [RETURN\BACK] to exit, if they are incorrect, press [ENTER\OK] and follow to "A Clock Setting" on page 71. Select your desired language for the OSD using [K \ L]. Then press [ENTER\OK] to go to the next step. OSD Language English Áúääãðñè Èesky Français Deutsch Magyar Note • After "Initial Setting", if you need to unplug the mains cable, make sure to turn off the power first and leave it in standby mode for at least 1 minute before attempting to unplug.



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Otherwise, it may cause data loss. If you want to set each item of "Initial Setting" again, you can set them at "General Setting". • Refer to "A OSD Language (Default: English)" on page 70. • Refer to "Country Setting" on page 23.

• Refer to "Auto Tuning (DVB & ANALOG)" on page 21. • Refer to "Auto Tuning (ANALOG)" on page 21. • Refer to "Auto Tuning (DVB)" on page 23. • Refer to "Clock" on page 71. Also you can customize the memorised channel at "General Setting".

Refer to following pages for details. • Refer to "Manual Tuning (ANALOG)" on page 21. • Refer to "Manual Tuning (DVB)" on page 23. • Refer to "Skip a Preset Channel" on page 22. • Refer to "Move" on page 22.

4 Select your desired country for receiving your local channels properly using [K\L]. Then press [ENTER\OK] to go to the next step. This setting is mainly for digital channels. Country France Spain - Peninsula Spain - Canary Islands Germany Italy Switzerland Czech Republic Other Digital channels cannot be received properly for the countries not listed above. In such case, select "Other". Selecting the TV Aspect Ratio Use this feature to adjust the aspect ratio of the video source which is different from your TV's ratio to fit your TV monitor without distorting the picture. 5 Select your desired tuning type according to your area using [K\L], then press [ENTER\OK]. Auto Tuning Make sure the antenna is connected to "ANTENNA IN" jack. Digital tuning Digital & Analog tuning Analog tuning 1 2 3 In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK].

Select "Video" using [K\L], then press [ENTER\OK]. Select "TV Aspect" using [K\L], then press [ENTER\OK]. TV Aspect Video Out The unit will start getting channels available in your area. Digital tuning: Only the DVB channels receivable in your area are automatically scanned and memorised. Digital & Analog tuning: Both analogue and DVB channels receivable in your area are scanned and memorised automatically. Analog tuning: Only the analogue channels receivable in your area are automatically scanned and memorised. • If no channel has been memorised, the antenna confirmation display will appear. Press [ENTER\OK] to start auto scanning again or press [RETURN\BACK] to cancel the initial settings. 4 Select the desired option using [K\L], then press [ENTER\OK]. TV Aspect 4:3 Letter Box 4:3 Pan & Scan 16:9 Wide 5 Press [SETUP] to exit.

20 EN E3TF0ED_EN.book Page 21 Wednesday, March 17, 2010 11:20 AM Note If you have a standard TV: • Select "4:3 Letter Box" for a full width picture with black bars at the top and bottom. • Select "4:3 Pan & Scan" for a full height picture with both sides trimmed. If you have a wide screen TV: • Select "16:9 Wide". Auto Tuning (ANALOG) ANALOG Programme the tuner to scan only the analogue channels you can receive in your area.

Introduction 1 2 In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK]. Select "Channel" using [K\L], then press [ENTER\OK]. Select "ANALOG Channel Setup" using [K\L], then press [ENTER\OK]. Select "Auto Tuning" using [K\L], then press [ENTER\OK]. The unit will start storing channels available in your area. ANALOG Channel Setup Auto Tuning Manual Tuning Move Connections Channel Setting You can retune this unit or edit the channel setting with following methods. 3 4 Basic Setup / TV View Operation Auto Tuning (DVB & ANALOG) DVB ANALOG Programme the tuner to scan both analogue and DVB channels you can receive in your area. 1 2 3 In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK]. "General Setting" menu will appear. Wait for several minutes to finish channel storing. 5 Press [SETUP] to exit. You can select only the channels memorised in this unit by using [PROG. G\H].

Recording Select "Channel" using [K\L], then press [ENTER\OK]. Select "Auto Tuning (DVB & ANALOG)" using [K\L], then press [ENTER\OK]. The unit will start storing channels available in your area. General Setting Playback Display Video Recording Clock Channel DivX HDMI DVB Setting Reset All To cancel auto tuning Press [SETUP] during scanning. Note • The number of TV channels you can get is different depends on your local area. • If the auto tuning is cancelled during scanning, some channels not yet tuned may not be received. • When "Country" setting is set to "France", sorting of TV channels from 1 to 6 will be performed automatically as follows. 1: TF1 2: F2 3: F3 4: CANAL+ 5: F5/ARTE 6: M6 Playback Country Auto Tuning (DVB & ANALOG) DVB Channel Setup ANALOG Channel Setup Editing Manual Tuning (ANALOG) Wait for several minutes to finish channel storing. ANALOG You can preset an analogue channel manually and individually. 4 Press [SETUP] to exit.

You can select only the channels memorised in this unit by using [PROG. G\H]. Function Setup 1 2 3 4 5 To cancel auto tuning Press [SETUP] during scanning. In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK]. Select "Channel" using [K\L], then press [ENTER\OK]. Select "ANALOG Channel Setup" using [K\L], then press [ENTER\OK]. Select "Manual Tuning" using [K\L], then press [ENTER\OK]. Select "Position" using [K\L], then press [1]. Position System Channel Decoder Skip 1 L 1 OFF ON Note • The number of TV channels you can get is different depends on your local area.

• If the auto tuning is cancelled during scanning, some channels not yet tuned may not be received. VCR Functions Others EN 21 E3TF0ED_EN.book Page 22 Wednesday, March 17, 2010 11:20 AM 6 Select the position number you want to use using [the Number buttons] or [K\L], then press [0]. • You can select position number 1-99. • With [the Number buttons], you only need to enter the last 2-digit numbers. Skip a Preset Channel ANALOG You can set the unit to skip channels. You can no longer receive or watch when you access channels using [PROG. G\H]. 7 8 Select "System" using [K\L], then press [1]. Select "L" or "BG" using [K\L], then press [0].

• If your system is SECAM-L, select "L". • If your system is PAL-B/G, select "BG". 1 2 3 4 5 6 Follow steps 1 to 4 in "Manual Tuning (ANALOG)" on page 21. Select "Position" using [K\L], then press [1]. Select the position number using [the Number buttons] or [K\L], then press [0]. Select "Skip" using [K\L], then press [1].



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Select "ON" using [K\L], then press [0]. • To skip another channel, repeat steps 2 to 5. Press [SETUP] to exit. 9 Select "Channel" using [K\L], then press [1].

10 Press [K\L] to start scanning. • The tuner will begin to search up or down automatically. When a channel is found, the unit will stop searching and the picture will appear on the TV screen. • You can select a desired channel number using [the Number buttons]. Refer to the following Channel Plan table and press the three digits to select the channel number.

(To select channel 4, press [0] first and then press [0] and [4]. Or press [4] and then "--4" appears and wait for 2 seconds.) • If desired channel is found, press [0]. [L (SECAM-L)] Channel Plan CH Indication TV Channel 1 – 10 F1 – F10 21 – 69 E21 – E69 74 – 86 B–Q 90 – 106 S4 – S20 121 – 141 S21 – S41 [BG (PAL-B/G)] Channel Plan CH Indication TV Channel 2 – 12 E2 – E12 13 – 20 A – H (only ITALY) 21 – 69 E21 – E69 74 – 78 X, Y, Z, Z+1, Z+2 80 – 99, 100 S1 – S20, GAP 121 – 141 S21 – S41 This unit can receive the Hyper and Oscar frequency bands. • If you want to decode scrambled signals, select "Decoder" using [K\L], then press [1].

Select "ON" using [K\L], then press [0]. • If "Skip" is set to "ON", select "Skip" using [K\L], then press [1]. Select "OFF" using [K\L], then press [0]. • To store another channel, repeat steps 5 to 10. Move ANALOG You can replace two channels. 1 2 3 4 5 In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK]. Select "Channel" using [K\L], then press [ENTER\OK]. Select "ANALOG Channel Setup" using [K\L], then press [ENTER\OK]. Select "Move" using [K\L], then press [ENTER\OK].

Select the position number to change the channel using [K\L], then press [ENTER\OK]. You cannot select a position number where "--" appears next to the number, because "Skip" is set to "ON" for that position number. 6 7 Move the channel to another position number using [K\L], then press [ENTER\OK]. • To move another channel, repeat steps 5 to 6. Press [SETUP] to exit. 11 Press [SETUP] to exit. 22 EN E3TF0ED_EN.book Page 23 Wednesday, March 17, 2010 11:20 AM Auto Tuning (DVB) DVB You can programme the tuner to scan only the DVB channels that you can receive in your area. Manual Tuning (DVB) DVB You can preset a DVB channel manually and individually. Introduction 1 2 3 4 1 2 3 In stop mode, press [SETUP].

Select "General Setting" using [K\L], then press [ENTER\OK]. Select "Channel" using [K\L], then press [ENTER\OK]. Select "DVB Channel Setup" using [K\L], then press [ENTER\OK]. Select "Auto Tuning" using [K\L], then press [ENTER\OK]. The unit will start storing channels available in your area. DVB Channel Setup Edit Channels Auto Tuning Manual Tuning Signal Information Follow steps 1 to 3 in "Auto Tuning (DVB)" on page 23. Select "Manual Tuning" using [K\L], then press [ENTER\OK]. Select your desired position number using [K\L], then press [ENTER\OK]. Channel Auto Connections Basic Setup / TV View Operation • The tuner will begin to search up or down automatically. When a DVB channel is found, the unit will stop searching.

• When "Auto" is selected, the unit will search for the channels which have not been stored in channels memory. 4 Press [SETUP] to activate the setting. The tuner scans and memorises all the active DVB channels (TV / Radio) in your area. Channel Search S.No. TV Channel 14 13 32 28 75 34 E4 More4 Film4+1 ITV4 CITV SETANTA SPORT Service Update DVB This unit has "Service Update" function which searches and stores newly available digital channels automatically at 8:00. If a new channel is found, a message will appear on the screen when you turn on the DVB channel at first time after storing a new channel. Press any button to clear the message. Recording S.No.

Radio Channel 102 Teletext Cars 729 RadioMusicShop 728 Heart Playback Channel 69 UHF Progress OK Exit 858000KHz/8M 100% RETURN Back Country Setting DVB ANALOG You can set the country for receiving your local channels properly. This setting is mainly for digital channels. 5 Press [ENTER\OK] to exit. • After auto tuning is completed, the lowest memorised DVB channels appears on the screen. • You can use [PROG. G\H] to change the DVB channels. 1 2 3 4 In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK]. Select "Channel" using [K\L], then press [ENTER\OK]. Select "Country" using [K\L], then press [ENTER\OK].

Select your desired country using [K\L], then press [ENTER\OK]. Country France Spain - Peninsula Spain - Canary Islands Germany Italy Switzerland Czech Republic Other Editing Note • If you press [RETURN\BACK] or [SETUP] during the scanning, auto tuning will be cancelled. Function Setup VCR Functions Digital channels cannot be received properly for the countries not listed above. In such case, select "Other". 5 Press [SETUP] to exit. Others EN 23 E3TF0ED_EN.book Page 24 Wednesday, March 17, 2010 11:20 AM Quick Select TV View Operation The following operations are available while viewing TV channels through this unit's tuner. DVB With "Quick Select" menu, you can select your favourite DVB channel quickly. Refer to "Edit Group Lists" on page 25. Select a Channel DVB ANALOG To switch DVB, analogue and external input (AV1/AV2/ DV(AV3)) mode.

Press [INPUT SELECT] repeatedly to select DVB, analogue or external input mode. The mode changes as follows: DVB mode Analogue mode External input mode 1 Press [ENTER\OK] while watching a DVB channel. • "Quick Select" menu will appear. Quick Select Group: All S.No. Channel Name 2 Channel4 3 ITV2 4 ITV3 13 Channel4+1 19 More4 28 ITV4 29 E4 You can select external input mode (AV1/AV2/DV(AV3)) by pressing [PROG. G\H] repeatedly. The mode changes as follows: External input mode (with [PROG. G\H] buttons) OK View RETURN Exit 2 Press [0\1] to select your favourite group list. ("All", "Group 1" - "Group 8") • "All" shows a list of all the memorised DVB channels.

• If the favourite group does not have any channels, the group will be skipped. AV1 AV2 DV(AV3) 3 You can select a channel using [PROG. G\H] or directly enter the channel using [the Number buttons]. Notes on using [the Number buttons]: • For one or two-digit number channels, the channels will be identified for 2 seconds after you press the channel number.



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You can only select channels 1~899 (Digital) or 1~99 (Analogue). If you cannot get a "Station Name" of Analogue channel, it is not indicated with a channel number. Select the DVB channel using [K\L], then press [ENTER\OK]. Press [RETURN\BACK] to exit. 4 Edit Channels DVB With "Edit Channels" menu, you can sort all the memorised DVB channels into the group lists ("Quick Select") or set the viewer limitation ("Adult Lock"), etc. Selecting the Audio Mode ANALOG You can switch between TV audio modes by pressing [AUDIO].

Each mode is indicated on the TV screen. Audio mode during reception of analogue bilingual broadcasts: Mode Main Sub Main / Sub Audio output Main audio from both speakers Sub audio from both speakers • Main audio from the left speaker • Sub audio from the right speaker Display on the TV screen Main Sub Main/Sub 1 2 3 4 In stop mode, press [SETUP]. Select "General Setting" using [K\L], then press [ENTER\OK]. Select "Channel" using [K\L], then press [ENTER\OK]. Select "DVB Channel Setup" using [K\L], then press [ENTER\OK].

Select "Edit Channels" using [K\L], then press [ENTER\OK]. • "Edit Channels" menu will appear. 2 Edit Channels S.No. Channel Name Fav. Skip 2 Lock Del. • If the programme does not have more than one sound track, [AUDIO] is not effective. 1 5 1 2 3 5 Five France Réseau Numérial 562000kHz/8M Re Name Skip Lock Delete OK Move RETURN Exit 1...8 Add To Fav. 0 Del. Fav. 3 4 4 5 Channel number Channel name Channel setting 1 to 8: The number of the favourite group list : Skip Channels : Adult Lock : Delete Channels Channel information Operation Guide 24 EN E3TF0ED_EN.book Page 25 Wednesday, March 17, 2010 11:20 AM 5 Press [RETURN\BACK] to exit.

Adult Lock DVB You can set the unit to limit the access to the DVB channels. Introduction Edit Group Lists DVB You can sort each DVB channel into 8 different favourite group lists ("Group 1" - "Group 8"). With "Quick Select" menu, you can select your favourite DVB channel quickly. Refer to "Quick Select" on page 24. 1 2 Follow steps 1 to 4 in "Edit Channels" on page 24. Select the DVB channel you want to limit the access using [K\L], then press [YELLOW]. Edit Channels S.No. Channel Name 5 Five Fav. Skip Lock Del.

Connections 1 2 Follow steps 1 to 4 in "Edit Channels" on page 24. Select the DVB channel you want to add to the favourite group list using [K\L], then select the number of the favourite group list you want to add using [the Number buttons] ([1] - [8]). Edit Channels S.No. Channel Name 5 Five France Réseau Numérial 562000kHz/8M Re Name Skip Lock Delete OK Move RETURN Exit 1...8 Add To Fav. 0 Del. Fav.

Basic Setup / TV View Operation Fav. Skip 2 Lock Del. • " " will appear. • Press [YELLOW] to cancel. " " will disappear. France Réseau Numérial 562000kHz/8M Re Name Skip Lock Delete OK Move RETURN Exit 1...8 Add To Fav. 0 Del.

Fav. 3 Press [RETURN\BACK] to exit. • Once you turn off the unit, Pincode will be required to view the locked channels. • To set the Pincode, refer to "Adult Lock (Default: OFF)" on page 73. Recording • The number you selected will appear. • Press [0] to cancel from the favourite group list. Note • You need to set the Pincode first to activate the "Adult Lock" in "DVB Setting". After you set a Pincode, you have to turn off the power and then turn it on again to activate the setting. 3 Press [RETURN\BACK] to exit. Skip Channels DVB You can set the unit to skip the unwanted DVB channels when you use [PROG. G\H]. Playback Delete Channels DVB You can delete the DVB channels from the memorised DVB channels. 1 2 Follow steps 1 to 4 in "Edit Channels" on page 24. Select the DVB channel you want to skip using [K\L], then press [GREEN]. Edit Channels S.

No. Channel Name 5 Five Fav. Skip Lock Del. 1 2 Follow steps 1 to 4 in "Edit Channels" on page 24. Select the DVB channel you want to delete using [K\L], then press [BLUE].

Edit Channels S.No. Channel Name 5 Five Fav. Skip Lock Del. Editing France Réseau Numérial 562000kHz/8M Re Name Skip Lock Delete OK Move RETURN Exit 1...8 Add To Fav. 0 Del. Fav.

Function Setup France Réseau Numérial 562000kHz/8M Re Name Skip Lock Delete OK Move RETURN Exit 1...8 Add To Fav. 0 Del. Fav. • " " will appear. • Press [GREEN] to cancel. " " will disappear. 3 Press [RETURN\BACK] to exit.

• " " will appear. • Press [BLUE] to cancel. " " will disappear. 3 VCR Functions Press [RETURN\BACK] to exit. • The channel has been deleted from the "Edit Channels" menu.

Others EN 25 30_BasicSetup.fm Page 26 Friday, April 9, 2010 4:20 PM Channel Move DVB You can change the order of the DVB channels when you use [PROG. G\H]. Signal Information DVB You can check the detailed information of the current DVB channel. 1 2 3 Follow steps 1 to 4 in "Edit Channels" on page 24.

Select the DVB channel you want to change the position using [K\L], then press [ENTER\OK]. Pop up window will appear. 1 2 Follow steps 1 to 3 in "Auto Tuning (DVB)" on page 23. Select "Signal Information" using [K\L], then press [ENTER\OK]. • "Signal Information" display will appear. Signal Information 5 Five France 594000KHz 8M TI Select the channel you want to replace with using [K\L], then press [ENTER\OK]. S.No. ChannelsName Edit Channel 5 Five S.No.

Channel Name Fav. Skip Lock Del. 16 Five QVC 5 17 UKTV GOLD Francebid tv Réseau Numérial 562000kHz/8M 23 Re price Skip Lock Delete 24 Name - drop tv 26 UKTV STYLE Move RETURN Exit OK 34 E4+1 1...8 Add To Fav. 0 Del. Fav. Réseau Numéri Frequency Bandwidth 20:00 - 20:58 20:58 - 21:00 Signal Quality A.PID 6018 V.

PID 6017 P.PID 6017 The Property List; Perfect Villa Five News at 9 51% 77% RETURN Back • The channel will be replaced. 4 Press [RETURN\BACK] to exit. 3 Press [RETURN\BACK] to exit. • "Signal Information" is not available for analogue channel and external input (AV1/AV2/DV(AV3)).

• "Signal Information" is also not available while the Pincode input field for locked DVB channel is displayed. Edit Channel Names DVB You can edit the DVB channel names as you want. 1 2 Follow steps 1 to 4 in "Edit Channels" on page 24. Select the DVB channel you want to edit the name using [K\L], then press [RED]. • Name editing display will appear.

A to Z S.No. Channel Name @_ @ \$# ABC Edit ChannelsDEF 1 2 3 S.No. Channel Name 5 Teletext Reception DVB If a broadcaster provides a DVB Teletext service, you can enjoy it. The DVB Teletext service includes news, weather forecast and subtitles. 1 Fav. Skip Lock Del.



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