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You can read the recommendations in the user guide, the technical guide or the installation guide for ZENITH H27H38DT. You'll find the answers to all your questions on the ZENITH H27H38DT in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ZENITH H27H38DT
User guide ZENITH H27H38DT
Operating instructions ZENITH H27H38DT
Instructions for use ZENITH H27H38DT
Instruction manual ZENITH H27H38DT

Installation Guide & Warranty

Model Numbers | H27H38DT • H32H38DT Direct-View Concierge™ TVs



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Manual abstract:

@@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 **WARNING: TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. POWER CORD POLARIZATION: CAUTION:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond. **NOTE TO CABLE/TV INSTALLER:** This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical. **REGULATORY INFORMATION:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna. · Increase the separation between the equipment and receiver. · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

· Consult the dealer or an experienced radio/TV technician for help. **CAUTION:** Do not attempt to modify this product in any way without written authorization from LG Electronics U.S.A., Inc.

Unauthorized modification could void the user's authority to operate this product. **COMPLIANCE:** The responsible party for this product's compliance is: LG Electronics U.S.A., Inc. 1000 Sylvan Avenue, Englewood Cliffs, NJ 07632, USA · Phone: 1-201-816-2000. Marketed and Distributed in the United States by LG Electronics U.S.A., Inc.

2000 Millbrook Drive, Lincolnshire, IL 60069 Concierge™ is a registered trademark of Zenith Electronics Corporation © Copyright 2006, LG Electronics U.S.A., Inc. Page 2 **IMPORTANT SAFETY INSTRUCTIONS SAFETY INSTRUCTIONS** Important safety instructions shall be provided with each apparatus.

This information shall be given in a separate booklet or sheet, or be located before any operating instructions in an instruction for installation for use and supplied with the apparatus. This information shall be given in a language acceptable to the country where the apparatus is intended to be used. The important safety instructions shall be entitled "Important Safety Instructions". The following safety instructions shall be included where applicable, and, when used, shall be verbatim as follows. Additional safety information may be included by adding statements after the end of the following safety instruction list.

At the manufacturer's option, a picture or drawing that illustrates the intent of a specific safety instruction may be placed immediately adjacent to that safety instruction: . . . Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Installation Guide & Warranty Model Numbers | H27H38DT · H32H38DT Direct-View Concierge TVs stoves, or other apparatus (including amplifiers) that produce heat.

5. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety.

If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. 6. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. 7. Only use attachments/accessories specified by the manufacturer. (Continued on next page) 1. Do not use this apparatus near water. 2. Clean only with a dry cloth. 3.

Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. 4. Do not install near any heat sources such as radiators, heat registers, Page 3 **IMPORTANT SAFETY INSTRUCTIONS** 8. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. or branch circuits. Check the specification page of this owner's manual to be certain. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous.

Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. 12.

Outdoor Use Marking: WARNING -To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose This Appliance To Rain Or Moisture 13. Wet Location Marking: Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on or over apparatus.

PORTABLE CART WARNING 9. Unplug this apparatus during lightning storms or when unused for long periods of time. 10.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as powersupply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. 11. **CAUTION, Concerning the Power Cord:** Most appliances recommend they be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets Page 4 Table of Contents Use this page as a reference for finding the pages or sections to go to and set up the TV's features for the end user See the Setup Checklist on page 7 Safety Warnings .



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..... Cable service with VCR

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.. Digital CC Menu ...

.... Volume Display .

..... Closed Captions Menu ... Captions Unknown display Ch Preview Menu .

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.. Digital Captions Menu ...

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... Back Cover Purchase the Optional Installer's Remote and Clone Programmer To perform a normal installation set up, you need an installer's remote such as the LP702, and the LT2000 Quickset II Clone Programmer--both are shown and described in later sections. The installer remote allows access to the Installer and User menus.

The LT2000 Quickset II Clone Programmer is used to duplicate a Zenith TV's setup and install it on another identical Zenith TV. See your LG/Zenith Dealer. Note: Design and specifications are subject to change without prior notice. Page 5 TV Features Overview A brief overview of the features on this TV Analog and Digital Tuners This TV is equipped with both analog and digital tuners. The analog tuner is used for standard over-the-air antenna and cable type (CATV) sources. The digital tuner is provided to receive over-the-air digital programming. After running Auto Program on the TV, analog channels will appear numerically with Channel Up/Down and Digital Channels will appear numerically in the channel scan after either the highest/lowest analog channel or Aux source. Installer Menu Default Items Some items explained in this guide may have different default settings than those shown on the installer menu pages. As a result, those items may need to be reset based on the requirements of the institution. Install a Two-way Signal Splitter? If there is only one RF lead available, install a two-way splitter in order to be able to provide 75 ohm RF leads to both the Antenna and Cable inputs.

Page 8 Installer Remote Control Keys descriptions and their functions for the optional Installer's remote POWER Turns TV On or Off. CC (Closed Captions) Press to turn closed captions on/off. Press ENTER to remove menu. In digital captions, selects next caption language. TV/FM (Down Arrow) Use for the menus down arrow. If TV has FM radio, toggles between TV-FM. VOLUME Down/Up Adjusts the sound level. Number Keypad Select channels directly; key in channel numbers and press ENTER. -DASH (-) For entering digital channel numbers e.g.

7-1, 113 etc. (SLEEP) TIMER Press repeatedly to choose a TV turn-off time up to 4hours. Use to set AM/PM on the Alarm and On/Off Timer menus. AUDIO Selects available audio languages for digital channels only. MENU/SELECT/ADJ (Adjust Left/Right) Selects and adjusts onscreen menu options. Press MENU repeatedly to scroll through menus. Use SELECT to choose options and ADJ (Adjust) Left/Right to change the selected option. FLASHBK (FLASHBACK) Returns to the previously tuned channel. K FLSHB MUTE POWER CC /FM TV E LUM VO NEL CHAN MUTE Turns sound Off and On, while the picture remains. CHANNEL (Up/Down) Scroll available channels, (analog to digital) and the Aux Channel (Audio/Video source).

ENTER Press to view the Channel/Time/Audio display or to remove any on-screen display or menu. 1 4 7 0 2 5 8 3 6 9 ENTER TIMER MENU ALARM AUDIO SELECT CH PREVIEW ALARM Press to display menu. Follow on-screen instructions to set a time for the TV to turn itself on. CHANNEL PREVIEW (Not functional for digital channels - some models.) Displays available analog TV channels, allows hotel guest access to the Aux Channel and (if active) the Guest Parental Control menu: set V-Chip blocks on analog channels only to restrict both analog and digital programming. Aux Channel allows the guest to select the Audio / Video inputs. (Use the A/V jacks on the back of the TV as a source). ADJ ADJ Remote Control part number 6710V00108M Audio Languages: Availability of audio languages are determined only by each broadcaster and may not be available on all digital programs. Page 9 Connections/Installation Overview Rear Connections Panel Use this page for reference when connecting analog or digital signal sources and other source equipment. To hookup source equipment, refer to the next page; shows pages to go to for equipment hookup options.

Also, see the front connection panel hookup options on page 20. Notes: · Digital cable is not available on this TV. · If only one wire provides the signal source, use a high-quality 2-way RF signal splitter and connect it to both the Antenna-Cable and Digital Antenna RF jacks on the TV, see below. Matrix Out Connect external speaker here. Typical TV Back Antenna/Cable Connect analog off air antenna or analog CATV signal source here. Digital Antenna Connect if digital signal source is available. Note: If both digital and analog signals are only available from one RF lead, connect a signal splitter (not provided).
Antenna Cable Digital Antenna Matrix Out Video In M.



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P.I.

M.P.I. R- Audio - L In S-Video In R- Audio - L In MPI Ports Connect LT2000 clone programmer to either MPI port. Note: Do not make connections to both MPI ports at the same time.

Video In R-Audio-L Connect composite Video-Audio source here. S-Video In R-Audio-L Connect S-Video-Audio source here. Digital Cable (DCATV) This TV cannot be used for digital cable signals. Page 10 Hookup Directory Available Source Connections IMPORTANT!!! Use this page to decide where you need to begin your setup. First, find the line below that best describes what you want to do, then go to that page number.

Go to additional pages as required. Off Air Antenna Only (provide digital signal to TV if required by using a signal splitter) If you are using an antenna and no other equipment, go to

.
page 12 Cable Service Only If you have cable service and no other equipment, go to

.
page 13 Off Air Antenna with VCR If you are using an antenna and have a VCR, go to

.
page 14 Cable Service with VCR If you have cable service and a VCR, go to

.
page 15 S-Video If you want to connect an S-Video VCR/DVD Player etc. , go to

.
page 16 Composite Video If you want to hook up a composite video device, go to

.
page 17 External Speaker Send the TV sound to an external audio system or monaural speaker, go to

.
page 18 Install Batteries in User Remote Control Plug TV into Wall Power Outlet After all connections have been made, plug the TV and all system equipment into power sources as applicable. This TV is designed to operate on standard current, 120-volt 60 Hertz AC power. Do not attempt to operate it on DC Current. Back of Remote 120 Volt 60 Hz AC Remove the back of the remote and install two highquality AA batteries. Match "+" with "+", "-" with "-".

Page 11 Hook Up an Off Air Antenna Connect an over the air signal source to the TV Over the Air Antenna 1 2 Locate the Antenna/Cable and Digital/Antenna jacks on the back of the TV.

Connect the RF antenna wires that run from the wall directly to the jacks, according to the connection diagram shown to the right. Antenna Typical TV Back Antenna Antenna Cable Digital Antenna Matrix Out If you have a 75 ohm RF cable, then you don't need any adapters! A 300 to 75 ohm adapter is not included with the Zenith TV. RF Coaxial Wire (75 ohm) RF Coaxial Wire (75 ohm) Video In M.P.I. M.P.I. R- Audio - L In S-Video In R- Audio - L In To get digital with only one RF antenna lead, install a 2- way signal splitter 1 If there is only one antenna lead available from the wall antenna jack, locate the Antenna/Cable and the Digital/Antenna jacks on the back of the TV. Connect the antenna that runs from the wall directly to a 75 ohm 2-way signal splitter (not provided) according to the connection diagram shown to the right.

Connect the two antenna leads to the TV RF inputs: Antenna/Cable and Digital /Antenna. This will provide the same over-the-air signal to both the analog and digital RF inputs. Antenna Typical TV Back 2 RF Coaxial Wire (75 ohm) Antenna Cable Digital Antenna Matrix Out 3 Video In M.P.I. M.P.I. R- Audio - L In S-Video In R- Audio - L In 75 ohm Signal Splitter Mini Glossary 2-Way Splitter 75 ohm RF Cable 300 to 75 ohm Adapter A device that provides two antenna signals from one antenna lead. The wire that comes from an off-air antenna or cable service provider.

Each end looks like a hex shaped nut with a wire sticking through the middle, and it screws onto the threaded jack on the back of the TV. (Not shown) A small device that connects a flat two-wire 300 ohm antenna to a 75 ohm RF jack. They are usually about an inch long with two screws on one end and a round opening with a wire sticking out on the other end. Page 12 Hook Up Cable Service (CATV) Connect cable service to the TV Cable Service 1 2 Locate the Antenna/Cable in jack on the back of the TV set. Connect the CATV cable that runs from the wall according to the connection diagram shown to the right. Typical TV Back Cable TV Wall Jack The TV digital tuner does not work with a Digital Cable signal source. Antenna Cable Digital Antenna Matrix Out RF Coaxial Wire (75 ohm) Video In M.P.I. M.

P.I. R- Audio - L In S-Video In R- Audio - L In Cable Service with a Cable Box 1 2 Locate the Antenna/Cable in jack on the back of the TV set. Connect the CATV cable that runs from the wall to the cable box and TV according to the connection diagram shown to the right. If you're using a cable box, tune the TV to channel 3 or 4 and use your cable box to change channels. If you're using a cable box, Auto Program might only find the channel your cable service is on (usually channel 3 or 4). The TV digital tuner does not work with a Digital Cable signal source. Cable TV Wall Jack Typical TV Back In Out Cable Box output switch 3 4 Antenna Cable Digital Antenna Matrix Out RF Coaxial Wire (75 ohm) Video In M.P.I.

M.P.I. R- Audio - L In S-Video In R- Audio - L In Page 13 Hook Up an Off Air Antenna with VCR Connect an over the air signal source to the VCR and TV Over the Air Antenna with VCR 1 2 Locate the Antenna/Cable In jack on the back of the VCR. Connect the antenna that runs from the wall jack directly to this

jack, according to the connection diagram shown to the right.

Connect a 75 ohm wire to the Digital Antenna input on the TV for digital programming. Make the VCR to TV connections as indicated in the illustration. If you have a 75 ohm RF cable, then you don't need any adapters! A 300 to 75 ohm adapter is not included with the Zenith TV. No A/V cables are included with the TV. Without A/V cables, most VCRs will not play videocassettes in stereo sound.

RF Coaxial Wire (75ohm) Antenna VCR Back 3 VCR Back AV Panel output In switch 3 4 Out Video Audio Typical TV Back Antenna Cable Digital Antenna Matrix Out Video In M.P.I. M.P.I. R- Audio - L In S-Video In R- Audio - L In Off Air Antenna RF Coaxial Wire (75ohm) A/V cables not included with TV
Page 14 Hook Up a Cable Box with VCR Connect a cable box and VCR to the TV Cable Service with VCR Cable TV Wall Jack 1 2 3 4 5 6 Locate the In jacks on the cable box and the VCR. Connect a 75 ohm cable between the cable box wall jack and Cable In on the cable box. Connect a 75 ohm cable from the Cable out jack on the cable box to the Ant In jack on the VCR. Connect a 75 ohm cable between the VCR out jack on the VCR and the Antenna/Cable In jack on the TV.

Connect a 75 ohm wire to the Digital Antenna input on the TV to get digital programming. Make the other VCR-TV connections as indicated in the illustration. For cable service without a cable box, connect a 75 ohm cable between the cable wall jack and the VCR In jack.



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No A/V cables are included with the TV. Without A/V cables, most VCRs will not play videocassettes in stereo sound. VCR Back In Cable Box Out Output Switch 3 4 VCR Back AV Panel output In switch 3 4 Out Video Audio RF Coaxial Wire (75ohm) Typical TV Back Antenna Cable Digital Antenna Matrix Out Video In M.P.I. M.P.

I. R- Audio - L In S-Video In R- Audio - L In A/V cables not included with TV Off Air Antenna RF Coaxial Wire (75ohm) Page 15 Hook Up S-Video DVD Player or VCR Connect an S-Video source to the TV S-Video DVD Player or VCR 1 2 3 Locate the S-Video out jack on the DVD player or VCR. On the DVD player or VCR, connect the S-Video out jack to the S-Video in jack on the TV according to the connection diagram shown to the right. Make the right/left audio connections as indicated. VCR Back VCR Back AV Panel S-Video Out Output Switch 3 4 Audio Out RL S-Video/audio cables not included with TV Typical TV Back Antenna Cable Digital Antenna Matrix Out Video In M.

P.I. M.P.I.

R- Audio - L In S-Video In R- Audio - L In Page 16 Hook Up Composite Audio/Video Connect the TV to a composite audio/video source Composite Audio/Video 1 2 Locate the composite audio/video input jacks on the TV. Connect the composite audio/video input jacks to a composite audio/video device as shown in the illustration. Typical TV Back Composite Audio/Video Device Antenna Cable Digital Antenna Matrix Out Left Audio Out Right Video In M.P.I. M.P.I. R- Audio - L In S-Video In R- Audio - L In Video Out Audio cables not included with TV Page 17 Hook Up an External Speaker Connect the TV to an external speaker or amplifier External Speaker 1 2 Locate the Matrix Out jack on the back of the TV. Connect the Matrix Out jack to an external speaker or audio amplifier as indicated in the illustration.

Speaker Back Typical TV Back Audio In Antenna Cable Digital Antenna Matrix Out Video In M.P.I. M.P.I. R- Audio - L In Audio cable not included with TV S-Video In R- Audio - L In Page 18 Auto Program (Channel Search) Use Auto Program to specify over-the-air Antenna or Cable Service incoming signal source and automatically store all of the channels found by the channel search in non-volatile memory. (Do not connect any device to front video input while

TV is in channel search mode.) SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE TO PROGRAM 1 2 3 4 5 6 7 Using the optional Installer's remote control, press POWER to turn the TV on.

Press MENU repeatedly until the Setup menu appears. Using SELECT on the remote control, highlight Auto Program on the menu. Press the Right or Left ADJ arrow to go to the Auto Program menu. POWER Using SELECT, choose either Cable TV/Digital Air or Off-Air Antenna/Digital Air on the menu (see Mini Glossary below.) Press the Right or Left ADJ arrow to begin the Channel Search.

1 CC K FLSHB MUTE /FM TV E LUM VO NEL CHAN 1 2 5 8 3 6 9 ENTER Press ENTER when the channel search is completed. This is when the progress bars are filled and a message "COMPLETED SUCCESSFULLY" appears on the screen. Auto Program finds channels being received by the TV's analog and digital tuners. Cable will not work unless you subscribe to a cable service. After the channel search is complete, use the features on the following pages to:

Add/delete/blank channels, Include channel labels, so that they appear on the channel / time / audio display.

Choose from the preset label selections. Channels labels are only available for analog channels. Channel search for digital channels is available in either the cable or off air antenna option. 4 7 0 7 TIMER MENU ALARM 2 AUDIO SELECT CH PREVIEW ADJ ADJ 3/5 4/6 Mini Glossary On the Auto Program Menu, select: OFF AIR ANTENNA/DIGITAL AIR If only over-the-air channels are available, select Off-Air Antenna/Digital Air. CABLE/DIGITAL AIR If you subscribe to a cable service, select Cable TV/Digital Air. Page 19 Front Panel Controls / Source Inputs Using the front panel controls to operate the TV A B C D E F G H I CC (Captions/Text) Turns selected caption/text option on and off. Adjust (Left/Right) Changes menu options. Select Chooses menu options. Menu Displays on screen menus. Volume (Down/Up) Decreases/increases sound level.

Channel (Down/Up) Chooses next available channel. Power Turns TV on and off. Video (In) Campport Input for a video signal from auxiliary equipment. L - Audio - R (In) Left/Right Channel audio input jacks. A B C video in L audio R Typical Front Panel Controls captions adjust select menu volume channel power D E F G The front Video jack is an Auto Sense source connection. With a cable connected, the TV will automatically change its source setting to CAMPORT, as indicated on the channel-time display. If you have a device connected to the front Video jack and the Auto sense source connection is turned on, you will not be able to change channels using the TV tuner until you have disconnected the device. H I Installer Note: The Menu, Select, and Adjust Left/Right keys shown above do not have legends on the actual TV. These keys are turned Off in the Installer menu. To enable the Menu, Select and Adjust keys on the front panel, set installer menu item 11-I to 0.

When finished using these keys it is advisable to disable them by setting item 11-I back to 1; this will deny the end/user guest access to the onscreen menus on the TV from the front control panel. Page 20 Picture/Sound Source Selection Note: The Installer by changing options in the Installer menu, can change the default setup and determine which source connections are available. · Auto Source Sensing Connection: The front video input (Campport) overrides all other source inputs. The Auto Sense feature is factory preset to be On -- for the front video input. · The Source menu shows which picture and sound sources are available.

Camcorder Typical TV Front Typical TV Back Video In VCR R-AUDIO -L VDEO I AUDIO / VDEOO I UT R-Audio - L S-Video Antenna Cable Digital Antenna Matrix Out R-AUD IO -L S-VI DEO AUDIO / S- VD I EOO UT DVD Video In M.P.I. . M.P I.

. S-VI DEO R- Audio - L In OUTPUT R-AUD IO -L S-Video In R- Audio - L In Audio/Video VI DEO AUDIO / VI DE OO UT R-AUDI O -L 1 Hook up a device to front Video/Audio In, to use this Auto Sense source. Disconnect the device when finished. To access other available sources, use the Source menu or use Channel Up/Down to select the Aux input. Component Video R -AUD IO -L COM Pr PO EN NT VI DEO Y Pb 2 Connectable sources See pages 12 - 18 Antenna/Cable Campport (Front Video input) Aux Video (Rear Video Inputs) Rear S-Video Auto Source Sensing Connections override all other sources.



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The front Video in jack is an Auto Sense source connection. If you have a device connected to this jack you will not be able to change channels using the TV tuner until you have disconnected the device. Page 21 Source Menu Selecting picture and sound sources SOURCE MENU 1 2 3 Press MENU repeatedly on the optional Installer's remote until the Source menu appears. Choose the input source using SELECT. Press ENTER, or the Left/Right ADJ arrow to go to the selected source and to remove the menu.

ANTENNA/CABLE CAMPORT R S-VIDEO REAR AUX. PRESS TO CHANGE PRESS ENTER OR TO ACTIVATE POWER CC K FLSHB MUTE Notes · The selection of the sources appearing in the Source menu may vary depending on the installation setup for Auto Sense sources in the Installer menu. · If a source is not connected, the not available message is displayed. /FM TV E LUM VO NEL CHAN 1 4 7 0 2 5 8 3 6 9 ENTER 3 TIMER MENU ALARM 1 AUDIO SELECT CH PREVIEW ADJ ADJ 2 3 Mini Glossary SOURCE AUTO SENSE SOURCE Input or device providing picture and sound to the TV. Input(s) that the TV automatically switches to when connected. Page 22 On-Screen Menus/Displays Overview Descriptions of the menus and on-screen status displays Using MENU and the other keys indicated on the optional Installer's remote, the user can access the menus/displays described below. On-Screen Menu Setup Menu Auto Program 19 Source Menu Add/Del/Blk Channel Labels Source Name Clock Set Timer Captions Captions Menu Degauss Language Audio Menu 22 25 26 27 28 29 30 31 32 33 34 Digital Audio Video Menu 35 36 Parental Control Menu 37 Adjusts the basic characteristics of the TV. Automatically finds and stores active channels to scroll through using Channel Up/Down. Selects input sources to see and hear on the TV. Manually pick and choose which active channels will appear when using Channel Up/Down.

Labels the channels with their network names (ABC, CBS, HBO, etc.). Create new names for the sources' on-screen displays. Allows the installer to customize sources names. Sets the time on the TV.

Sets the TV's automatic turn On/Off times. Analog-Digital Captions (Caption/Text) Setup Overview. Analog-Digital Captions Menus Structures. Improves the quality color image on the screen. Chooses the language the on-screen menus will appear in.

Customizes the sound. The options are: Bass, Treble, Balance, Audio Mode/Audio Language, Front Surround, SoundRite, Audio Pref. Digital audio language selection. Customizes the picture. The options are: Contrast, Brightness, Color, Tint, Sharpness, Picture Pref, and Aspect Ratio (Aspect Ratio only for Digital Channels). Allows user to block program content or the A/V sources for up to 99 hours, with the use of a password. Other Menus and On-Screen Displays Volume 24 Shows current sound level setting; press VOLUME Up/Down to activate. Channel/Time 24 Shows the current time, channel, video and type of incoming audio signal, or mute, and XDS info; press ENTER to activate. Ch Preview 24 Displays the available channels list; press CH PREVIEW. (Only Analog Channels are displayed not digital).

Captions/Text 24 Turns selected Caption/Text option On and Off; press CC to activate. Sleep Timer 24 Sets the time the TV will turn off. Ghost Channel 24 Shows the current channel number in red scrolling down the screen. Refer to Installer menu to turn Off. Alarm 24 Sets a time for the TV to automatically turn itself On. Page 23 Other Menus and On-Screen Displays Press the remote keys indicated below to access these menus and displays Ch 25 - PBS 7:15 PM MONO CHANNEL PREVIEW 5 9 20 32 ----- VOLUME XDS Information As Available LENGTH 00:32 TIME LEFT 00:42 AUX - - - 2 ---CH CC TO SELECT, ENTER TO QUIT FOR PARENTAL CONTROL Volume Display Press VOLUME. Shows current sound level. Channel/Time/Audio Display Press ENTER. Shows selected channel or source, time if the clock is set, incoming audio signal, and XDS info if available on program. For XDS, wait 5 seconds then press ENTER.

Ch Preview Menu Press CH PREVIEW. Shows list of TV Analog Channels, AUX source, and provides access to the Parental Control menu. (Some models - not functional on digital channels.) SLEEP TIMER OFF CC CAPTION 1 IS ON PRESS TIMER Closed Captions Menu Press CC. Turns selected option on or off for both analog and digital captions.

See Caption / Text pages to set up options. Sleep Timer Menu Press TIMER. Shows remaining time before TV turns itself off. Select a preset turn-off time from 10 minutes up to 4 hours. Ghost Channel Display Channel number appears in red on the right side of the picture and slowly scrolls downward.

To disable Ghost Channel, see Installers menu. ALARM MENU TIME NOW 6:10 AM 3:11 PM TIMER CC CAPTIONS UNKNOWN PRESS DIGITS TO SET TIME TIMER TO SELECT AM/PM CC CAPTIONS ENGLISH Captions Unknown Display Press CC, if captions are not known, this display appears. Alarm Menu Press Alarm. Sets a time for the TV to automatically turn itself on. Digital Captions Menu Press CC to scroll each digital captions language, if available. Digital Captions On-screen Display Press ENTER twice to see the on-screen display for digital channels. Reveals channel number and program details: Title, day, time, languages available, audio options available, video formats available, Closed captions options available, etc. News and local programming Thu Jan 19, 2007 4:00 PM Multi-lingual 16:9 1080i 5:50 PM DTV 66-1 Dolby Digital 6:00 PM TV-PG HD Page 24 Add/Delete/Blank Channel Setup Fine-tune the channel selection list 1 2 3 Use the MENU key on the optional Installer's remote to access the Setup menu. Use SELECT to highlight the Add/Del/Blk option. Using either the NUMBER keypad and ENTER or the Channel Up/Down arrow on the remote, select a channel.

(If adding a deleted channel, you will need to use the NUMBER keypad and ENTER.) Using the Right/Left ADJ arrow, specify whether the channel is to be Added, Deleted or Blank. To continue, select another channel and repeat Step 4. When you are finished, press ENTER to remove menu. Adding Aux, VCR3, VCR4, to the Channel Preview List. Go to the Setup menu, select the Add/Del/Blk option. Use Channel Up/Down to select Ch 126-0 for VCR3 (Ch 127-0 for VCR4) and choose Added. Note: If the option was turned off in the Service menu, you will have to reinstate it before it can appear as an option in the Channel Preview list. Note: You can specify Add, Delete or Blank for VCR3, VCR4, and Aux. Caution: If you delete Ch 3-0, VCR3 (Ch 126-0) is also deleted. If you delete Ch 4-0, VCR4 (Ch 127-0) is also deleted and vice versa. Channel scanning up: Analog Channels, Digital Channels, VCR3, VCR4 and Aux. Use Channel Up to scan all channels, Ch Preview for analog only. Channel scanning down, reverse order of above. If you delete a channel, it isn't gone for good. Just select it using the NUMBER keypad on the remote, or add it later.



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Blank does not work on Digital channels. To add digital channels that were deleted, run Auto Program again. SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE CH 30-1 ADDED 4 5 POWER CC K FLSHB MUTE /FM TV E LUM VO NEL CHAN 1 2 5 8 3 6 9 ENTER 3 3 4 7 0 3/5 TIMER MENU ALARM 1 AUDIO SELECT CH PREVIEW ADJ ADJ 2 4 Mini Glossary ADDED DELETED BLANK Adds new channels to the list that the user can scroll through using Channel Up/Down.

Removes channels for one reason or another from the channel scan list available using Channel Up/Down. Deletes the video but retains the audio, if present on an analog channel. Page 25 Setting Preset Channel Labels Selecting channel names from the preset Channel Labels 1 Using either the NUMBER keypad or the Channel Up/Down arrows on the optional Installer's remote, select a channel. Press MENU repeatedly on the optional Installer's remote until the Setup menu appears. Choose the Ch Labels option using SELECT. Pressing either the Right/Left ADJ arrow repeatedly, pick the label you want from the available selections; such as A & E. To continue channel labeling, select another channel or if you are finished, press ENTER to remove menu. SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE CH 7-0 ABC 2 3 4 POWER CC K FLSHB MUTE /FM TV E LUM VO 5 NEL CHAN 1 2 5 8 3 6 9 ENTER 1 1 Some channels already provide a channel label which is included with the broadcast signal. Labeling the channels helps identify which familiar nationwide networks are available.

i.e., A & E - Arts and Entertainment, CNN -News, ESPN Sports, HBO - Movies and so on... Channels labels are not available for Digital Channels. 4 7 0 5 TIMER MENU ALARM 2 AUDIO SELECT CH PREVIEW ADJ ADJ 3 4 Mini Glossary ---NONE The 4 dashes will allow a channel label to appear; if one is provided by the broadcaster. Prevents any channel label from appearing. Page 26 Source Custom Name Menu This menu enables the Installer to customize source names 1 Press MENU repeatedly on the optional Installer's remote until the Setup menu appears. Choose the Source Name option using SELECT. Press the Left/Right ADJ arrow to go to the Source Name menu. Use SELECT to choose a Source. Use Volume Up/Down to select letter spaces (space blinks). Use Channel Up/Down to change the character to one of the 255 characters available. (A blank letter space is available after the "!" Symbol).

Continue to set the new source name, 11 digits are available for each source. Repeat from step 4 to rename other sources. If finished, press ENTER to remove menu. SOURCE NAME CAMPORT MY CAMPORT R S-VIDEO AUX VIDEO 2 3 4 5 6 PRESS VOL UP/DN TO SELECT CHAR POWER CC K FLSHB MUTE /FM TV E LUM VO NEL CHAN 5 1 4 7 0 2 5 8 3 6 9 ENTER 6 3/4 TIMER MENU ALARM 1 AUDIO SELECT CH PREVIEW ADJ ADJ 2/4 3 Page 27 Clock Setup (Auto or Manual) SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE CLOCK MENU CLOCK SET TIME ZONE DAY.

SAVINGS AUTOMATIC TO SET CLOCK AUTOMATIC OFF ON AUTOMATIC EASTERN CENTRAL MOUNTAIN PACIFIC SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE CLOCK MENU CLOCK SET TIME SET MANUAL TO SET CLOCK 10:43 AM TIMER Clock Auto/Manual Operating Modes Setup 1 4 7 0 2 5 8 3 6 9 ENTER 1 2 3 On the optional Installer's remote, use MENU, SELECT, and the ADJ Left/Right arrows to choose and set up the Clock menu options. Use the number keypad, or the Left/Right ADJ arrows, to set the time. Use TIMER to set AM/PM. Clock Set Auto: TV automatically sets the time. Time Zone: Installer can choose the time zone or have the TV set it automatically. Day. Savings: Installer can choose to have daylight savings adjust the clock time one hour, or have the TV adjust it automatically. Manual: Installer sets the time on the clock. · Press ENTER repeatedly to remove menus.

TIMER MENU ALARM AUDIO SELECT CH PREVIEW ADJ ADJ The clock can also be set using 24 hour "military time." For p.m. settings add 1200. For example, to set 6:30 p.m., add 1200 to 630, = enter 1830. For Auto Clock Set to work, the TV must be tuned to a local analog (not digital) PBS station. If the TV does not set the time, set the clock time manually. Clock time can be set using either the number keypad or the Left/Right ADJ arrows.

Use TIMER to set AM/PM. Mini Glossary TIME HOURS MINUTES TIMER A four-digit figure broken down into hours and minutes, used to enter the time when setting the clock or programming timers. First two digits that are entered when setting the clock or programming timers. The last two digits that are entered when setting the clock or programming timers. Chooses AM or PM when setting the clock.

Page 28 On-Off Timers Setup Set up On/Off Timers Note: On/Off Timers operate independently SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE ON TIME OFF TIME TO SET TIMER TIMER 9:00 AM 7:00 PM TIMER TIMER ON ON/OFF TIMER 1 2 3 4 On the optional Installer's remote, press MENU repeatedly until the Setup menu appears. Press SELECT repeatedly to highlight the Timer option, press the Left/Right ADJ arrow. Use SELECT to choose an option. Use the number keypad and/or the Left/Right ADJ arrows to enter the times.

Use the TIMER key to set AM/PM. Press ENTER to remove menu and return to TV viewing. Your options are: · On Time: Sets a time that the TV will turn itself On each day. · Off Time: Sets a time that the TV will turn itself Off each day. · On/Off Timer: Enables or disables the On/Off Timer functions. (The On/Off Timer can be disabled but the settings will be retained.) The clock must be set before the Timers will function. The Off Timer can be used to turn the TV off at the preset time. The On Timer does not have to be set to use the Off Timer feature. POWER CC K FLSHB MUTE /FM TV E LUM VO NEL CHAN 1 2 5 8 3 6 9 ENTER 3 4 7 0 4 3 TIMER MENU ALARM 1 AUDIO SELECT CH PREVIEW ADJ ADJ 2/3 2/3 Mini Glossary TIME HOURS MINUTES TIMER A four-digit figure broken down into hours and minutes, used to enter the time when setting the clock or programming timers.

First two digits that are entered when setting the clock or programming timers. The last two digits that are entered when setting the clock or programming timers. Chooses AM or PM when setting the clock. Page 29 Captions: Analog-Digital (Caption/Text) Setup Overview Set up Closed Caption/Text options for the end user Analog-Digital Closed Captions/Text Overview, End-user Setup The caption/text feature is designed to be available to the end user on either an analog or digital channel.



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For the end user to get analog captions, all the user needs to do is press CC on the remote and select On - - same for digital channels, select On and pick a language. The installer can elect to make analog and digital captions available by turning captions on. The installer sets the caption options on both analog and digital menus. To set up digital captions, the installer must tune in a channel with digital captions. Use 'Set by Program' to show digital captions that are similar in appearance to analog captions e.g.

white text on black. End User Captions Operation If both analog and digital captions are turned on by the installer, analog and digital captions will be available to the end user. If digital captions are not available on a digital channel and analog captions are, then analog captions will appear. Analog Closed Captions/Text Operating Modes Setup On the optional Installer's remote, use MENU, SELECT, and ADJ (Left/Right) arrows to choose Closed Captions / Text mode and set up other options for the end user. Quick/Mute When CC is pressed: End user can only turn Captions On/Off.

(If CC on Mute is On, shows captions when sound is muted.) (If locked, caption type is retained with Power On/Off.) Standard When CC is pressed: End user can choose a captions type. (If locked, type is retained with Power On/Off.) Press ENTER to remove menus.

Digital Captions Operating Modes Setup On the optional Installer's remote, use MENU, SELECT, and ADJ (Left/Right) arrows to configure the Digital Captions appearance. Language Selects the default Digital Caption Language. Style: Set By Program Captions appear white text on black, similar to analog captions. Custom The installer configures the Digital Captions appearance, see the next page for the digital captions appearance options available. Press ENTER to remove menus. Standard closed captioning is available using the Caption 1 option. Caption/Text are features which allow the TV to display the closed caption and/or text options if made available by the broadcaster. Availability and functionality of Caption/Text options are determined only by each broadcaster and may not be available on every program. Page 30 Captions: Analog-Digital Menu Structures Review Analog and Digital Captions options available Note: Digital captions are only available on some digital channels. Analog Captions Menu Structure SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH.

LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE CAPTION SETUP OPER. MODE SEL. CC TYPE CC CAPTION CC ON MUTE CAPTION LOCK QUICK MUTE TO SET CAPTIONS ON/OFF ON/OFF ON/OFF CAPTION 1 CAPTION 2 CAPTION 3 CAPTION 4 TEXT 1 TEXT 2 TEXT 3 TEXT 4 SETUP MENU CAPTION SETUP AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE OPER. MODE SEL. CC TYPE CAPTION LOCK TO SET CAPTIONS STANDARD CAPTION 1 CAPTION 2 CAPTION 3 CAPTION 4 TEXT 1 TEXT 2 TEXT 3 TEXT 4 ON/OFF Availability and functionality of Analog Captions are determined only by each broadcaster and may not be available on every program. Digital Captions Menu Structure SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE DIGITAL CAPTIONS SETUP SET BY PROGRAM STYLE SIZE FONT TEXT COLOR TEXT OPACITY BACK COLOR BACK OPACITY EDGE TYPE EDGE COLOR LANGUAGE CAPTION ON/OFF DIGITAL CAPTIONS SETUP STYLE SIZE FONT TEXT COLOR TEXT OPACITY BACK COLOR BACK OPACITY EDGE TYPE EDGE COLOR LANGUAGE CAPTION ON/OFF CAPTION LOCK ON OFF CUSTOM TO SET CAPTIONS ENGLISH ESPA OL FRANCAIS ON OFF SMALL STANDARD LARGE SETUP MENU AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE FONT 0 FONT 1 FONT 2 FONT 3 FONT 4 FONT 5 FONT 6 FONT 7 BLACK WHITE RED GREEN BLUE YELLOW MAGENTA CYAN TO SET CAPTIONS ON ENGLISH OFF SPANISH FRENCH BLACK WHITE RED GREEN BLUE YELLOW MAGENTA CYAN SOLID FLASH TRANSLUCENT TRANSPARENT SOLID FLASH TRANSLUCENT TRANSPARENT BLACK WHITE RED GREEN BLUE YELLOW MAGENTA CYAN NONE RAISED DEPRESSED UNIFORM LEFT SHADOW RIGHT SHADOW Availability and functionality of Digital Captions are determined only by each broadcaster and may not be available on every program. Mini Glossary CAPTIONS TEXT The term for the words that scroll across the bottom of your TV screen; usually the audio portion of the program provided for the hearing impaired. The term for the words that appear in a large black frame and almost cover the entire screen; usually messages provided by the broadcaster. (Only available on analog channels.) Page 31 Degauss the Screen Remove color impurities appearing on the screen 1 SETUP MENU Press MENU repeatedly on the optional Installer's remote until the Setup menu appears. Use SELECT on the remote control, to highlight the Degauss option on the menu. Use the Left/Right ADJ arrow to choose ON or OFF.

(After the screen is degaussed, ON mode switches to OFF mode automatically.) Press ENTER to remove menu. Notes: Do not Degauss the screen too often; the life of the picture tube may be shortened. If you cannot correct the screen condition by degaussing, try degauss again after about 4 minutes. 2 AUTO PROGRAM ADD/DEL/BLNK CH.

LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE ON 3 POWER CC K FLSHB MUTE /FM TV 4 E LUM VO NEL CHAN 1 4 7 0 2 5 8 3 6 9 ENTER 4 TIMER MENU ALARM 1 AUDIO SELECT CH PREVIEW ADJ ADJ 2 3 Page 32 Language for the On-Screen Menus Choose English, Spanish, (Español) or French (Français) for the on-screen menus SETUP MENU 1 On the optional Installer's remote, press MENU repeatedly until the Setup menu appears. Use SELECT on the remote control, to highlight the Language option on the menu. Use the Left/Right ADJ arrow to choose one of the following options: English, Spanish (Español) or French (Français). Press ENTER to remove menu. 2 AUTO PROGRAM ADD/DEL/BLNK CH. LABELS SOURCE NAME CLOCK SET TIMER CAPTIONS DEGAUSS LANGUAGE ENGLISH 3 POWER CC K FLSHB MUTE /FM TV E LUM VO NEL CHAN 4 1 4 7 0 2 5 8 3 6 9 ENTER 4 TIMER MENU ALARM 1 AUDIO SELECT CH PREVIEW ADJ ADJ 2 3 Page 33 Audio Menu Set up the audio menu options for the end user 1 2 On the optional Installer's remote, press MENU repeatedly to go to the Audio menu. Using SELECT on the remote control, highlight the audio menu option you want to change. Choose from: · Bass: Increases/decreases lower-end sounds. · Treble: Increases/decreases higher-end sounds. · Balance: Allows you to put the sound more to the left or right channel.

· Audio Mode: Choose from Stereo sound, Mono, or 2nd Audio/SAP. · Audio Lang: Choose from English, Spanish or French Audio Language default. (Only available on Digital Channels.) · Front Surround: Turns front surround speakers on and off.

· Bass: Increases/decreases lower-end sounds. · Treble: Increases/decreases higher-end sounds. · Balance: Allows you to put the sound more to the left or right channel.

· Audio Mode: Choose from Stereo sound, Mono, or 2nd Audio/SAP. · Audio Lang: Choose from English, Spanish or French Audio Language default. (Only available on Digital Channels.) · Front Surround: Turns front surround speakers on and off.



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· SoundRite: Turns the uniform volume feature on and off. · Audio Pref: Selects Custom or Preset. AUDIO MENU BASS TREBLE BALANCE AUDIO MODE STEREO FRONT SURROUND OFF SOUNDRIPE OFF AUTO PREF CUSTOM Analog Channel Display AUDIO MENU BASS TREBLE BALANCE AUDIO LANG ENGLISH FRONT SURROUND OFF SOUNDRIPE OFF AUTO PREF CUSTOM Digital Channel Display 1 4 7 0 2 5 8 3 6 9 ENTER 3 4 5 Use the Left/Right ADJ arrow to adjust or change the option you have selected. Use SELECT to choose other Audio menu options, or press ENTER to remove menu. Use the Audio button to scan the Audio Languages available for a Digital Channel. Not all programming is broadcast in stereo sound or has 2nd Audio SAP. Not all Digital Channels offer more than one audio language. (See the next page.) The audio language selected must actually contain audio so that it can be heard by the end user. 4 1 5 2 3 TIMER MENU ALARM AUDIO SELECT CH PREVIEW ADJ ADJ Page 34 Audio Menu: Digital Audio Language Selection Use the AUDIO button to select digital audio languages, if available News and local programming Thu Jan 19, 2007 4:00 PM Multi-lingual 16:9 1080i 5:50 PM DTV 66-1 Dolby Digital 6:00 PM TV-PG HD Indicates the broadcast has additional audio languages available. Note: The broadcaster has control of any additional languages available.

If a program display shows another language is being broadcast, press the AUDIO button to select that audio. If however, no other language is being included on the program's signal, no other audio may be heard. This condition is not the fault of the TV. If no other language is being broadcast, the TV can't play it. To hear audio, you must select an active language.

POWER CC K FLSHB MUTE /FM TV E LUM VO NEL CHAN 1 4 7 0 2 5 8 3 6 9 ENTER TIMER MENU ALARM 1 On the optional Installer's remote, press AUDIO repeatedly to scroll the available digital audio languages on the selected channel. · As mentioned above, even if another language is indicated as being available, if it is not being added to the audio signal, no audio will be heard for that additional language. 1 AUDIO SELECT CH PREVIEW ADJ ADJ Mini Glossary STEREO SOUND MONO SOUND CUSTOM PRESET Stereo (stereophonic) sound refers to audio that's divided into right and left sides. Mono (monaural) sound is one channel of sound. On more than one speaker, all the speakers play the same audio. Your own audio menu settings. Resets audio menu values to their original settings. Page 35 Video Menu Use the Video Menu to customize the picture's appearance 1 On the optional installer's remote, press the MENU key repeatedly until the Video menu appears. Your options are: · Contrast: Adjusts the level of difference between white and black in the TV picture. The more contrast, the brighter the picture appears.

· Brightness: Increases or decreases amount of white in the TV picture. · Color: Adjusts levels of all colors in the TV picture. · Tint: Adjusts the relative amounts of red and green in the picture. · Sharpness: Raises or lowers the definition of the picture. The lower the level, the softer the image will appear. · Aspect Ratio: (Digital channels) Modifies height and width ratio of the picture when available from the broadcaster. Aspect Ratio options: Zoom, Full Screen, Letter box. · Picture Preference: Choose either Custom or Preset: Custom = Allows you to set the picture appearance to your requirements. Preset = Resets all the above options back to their original, factory-set levels. VIDEO MENU CONTRAST BRIGHTNESS COLOR TINT SHARPNESS PICTURE PREF CUSTOM Analog Channel Display VIDEO MENU CONTRAST BRIGHTNESS COLOR TINT SHARPNESS ASPECT RATIO LETTER BOX CUSTOM PICTURE PREF Digital Channel Display 1 4 7 0 2 5 8 3 6 9 ENTER 4 1 2 3 2 3 4 Using SELECT on the remote control, choose Contrast on the menu. Use the Left/Right ADJ arrow to change or adjust the contrast level as required. Press ENTER, to remove the menu, or repeat from Step 2 to adjust other Video menu options. Choose the Preset option in Picture Preference to quickly reset the Video menu options to their original default values. Aspect Ratio is only for Digital Channels. The availability of Aspect Ratios are determined only by the broadcaster and may not be available on all programs. Aspect Ratio options are not available for 480i (SD) digital channels. TIMER MENU ALARM AUDIO SELECT CH PREVIEW ADJ ADJ Page 36 Parental Control Menu This feature can "block" undesirable programming from appearing on the TV. Set restrictions using Age Block for all programming, TV and movies. End user can only set restrictions using Ch Preview menu on any Analog channel or Aux source (some models digital channels also). The TV will employ parental control restrictions on analog and digital channels if V-Chip data is included on the program.

@@@- The ratings are based on the ages of children. The number of hours blocked are specified. @@@- Do you want to block the auxiliary video source entirely? @@Sources option.) Or leave unblocked, then choose allowable ratings. @@- How many hours do you want Parental Control to be active? You can set the Hours option for up to 99 hours. · Select a password; in the Set Password option. Use the numbered keys on the remote to set a password. Don't forget the password. @@@- Immediately press 9, 8, 7, 6 and then CC. @@@- For Sex Scenes for example, use the "From TV-PG" setting.

@@- Set a 4-number password. - Set the Lock On/Off option to On or Off. @@@- Unsuitable for children under 14, may contain: Strong Dialog, Foul Language, Sex and Violence Scenes. Adults only, may contain: Strong Dialog, Foul Language, Sex and Violence Scenes. TV-14 TV-MA CHILDREN'S CLASSIFICATIONS TV-Y TV-Y7 Children Children 7 and over Considered suitable for all children under 7 years old. Considered suitable for children over 7, may contain Fantasy Violence Scenes. Motion Picture Association Of America (MPAA) Rating System G PG PG-13 R NC-17 X General Audiences Parental Guidance Suggested Parental Guidance Suggested Content not offensive to most viewers. Content is such that parents may not want their children to view the program. Program is inappropriate for preteens, with a greater degree of offensive material than a PG rated program. Restricted viewing Not for children under age 17.

Strong elements of sex and/or violence. Restricted Viewing Not for children under age 17 under any circumstances. Strong sexual content. Hard Core Films Same as NC-17 rating. Note: LG Electronics Corporation is not liable for any program content that appears when using this rating system; as always, user discretion is advised.

You can set different Parental Control viewing restrictions for general audiences and for children - - both can be active at the same time.



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Simply specifying one TV program content block such as Sex Scenes, will not automatically block another undesirable content in the TV program from appearing. Even if you choose to leave the Aux Sources unblocked, the ratings you specify will automatically restrict the programming from the video sources. You cannot disable Parental Control by disconnecting the TV from power. Block hours will automatically reset to original block time setting specified if power is disconnected.

Page 39 Parental Control Menu Structure/V-Chip Installer Setups Unblocked Blocked Unblocked G and Above PG and Above PG-13 and Above R and Above NC-17 and Above X TO BLOCK Unblocked TV-G and Above TV-PG and Above TV-14 and Above TV-MA Unblocked TV-Y and Above TV-Y7 General Children Dialog Language Sex Scenes Violence F Violence No Rating Unblocked TV-PG and Above TV-14 and Above TV-MA Unblocked TV-Y7 Unblocked Blocked 00 Hours To Set Enter Code: - - - On Off Note: Reset Parental Control Block Hours to Zero and Cancel Password This provides the institution staff and the installer a means to reset the TV to normal operation; if a user has either forgotten the password or has left Parental Control Block active.

@@Immediately press 9, 8, 7, 6 and then CC. This will reset the Block Hours to Zero and cancel the current 4-number password. Reset the Maximum Number of Parental Control Default Block Hours You can change the Block hours from the 12-hour default setting to up to 99 hours. In the Installer's Menu, item: 22-I MAX BLK HRS 12, use the ADJ Left/Right Adjust arrow to set a different default number of hours. Turn Parental Control Feature Off/On In the Installer's Menu, installer items: 21-I V-CHIP, 0 = disable, or 1 = enable 51-I DIS. VCHIP M., 0 = enable, or 1 = disable Make Parental Control restrictions permanent, with no preset or fixed hours time limit In the Installer's Menu, set Item 84: PERMANENT BLK, 0 or 1. 0 Blocking restrictions always active, no time limit. 1 Restrictions limited to specified hours, 12 - 99.

Options Setups for V-Chip Menu and Block Functions For Installer items: 21-I V-CHIP, 51-I DIS VCHIP M 0 0 No menu, no blocking. 0 1 No menu, no blocking. 1 0 Shows menu, Block functions. 1 1 No menu, Block functions. Page 40 Installer Menu Use the Installer Menu to set up or change operational settings. See detailed descriptions of the Installer Menu items on the following pages Installer menu items can be accessed by using the optional installer's remote control. Just press and hold MENU (about 8 seconds) until the menu disappears, then press 9, 8, 7, 6, then ENTER. To remove the Installer's Menu, press ENTER repeatedly. Any changes you make will be stored in nonvolatile memory. The Installer menu opens with the main menu.

Use MENU and SELECT to sequence through the installer menus and submenus. Use SELECT or TV/FM to scroll up/down in the menus and submenus. To change a setting use the Left/Right ADJ keys. Press ENTER to return to main menu. Using the Installer Menu Items 0-I - 103-I are accessible only in the Installer Menu.

Their numbers, descriptions, ranges, factory default settings, and a place for listing any changes made on site are given below and on the following pages. The Factory Menu that is intended for qualified service technicians only, is not shown. XX-F Menu Items (not shown here) are service type adjustments and INSTALLERS INSTALLERS1 4 INSTALLERS2 INSTALLERS3 INSTALLERS4 INSTALLERS5 INSTALLERS6 INSTALLERS7 TV MICRO V2.08 D2A CARD V2.05 D2A CARD 3-4 MICRO COMM STATUS OK only qualified technicians having specialized test equipment should access them.

Typical Installer Menu Menu Function Item 0-I. 1-I. 2-I. 3-I. 4-I. 5-I. 6-I. 7-I. 8-I. 9-I.

INSTALLER SEQ POWER MANAGE AC ON BAND-AFC STRT CHANNEL CHAN LOCK GHOST CH START VOLUME MIN VOLUME MAX VOLUME Value Range 0-3 0-7 0/1 0-7 0 - 255 0/1 0/1 0-63, 255 0 - 63 0/1 0/1 Default Value 0 0 0 0 255 0 0 255 0 63 0 1 Brief Description of Function and Comments Leave default set at 0. Sets number of hours of no activity before auto shutdown. Set to 1 to enable auto turn on at power up. Sets Tuning band. Channel at turn-on (255 for last Channel). For digital channels, use with item 101-I Start Minor Channel. When set to 1, cannot tune from current channel.

Set to 1 to enable Ghost Channel display. Volume level at TV turn-on (Set 255 to retain last level). Minimum volume setting. Maximum volume setting. Set to 1 to disable mute function. Set to 1 to disable the front panel keyboard MENU, SELECT and ADJUST keys. Puts TV On-Off event in Channel Up/Down sequence. Set to 1 to enable Sleep Timer.

Set to 1 to enable Timer. Set to 1 to enable Alarm. 10-I. MUTE DISABLE 11-I. KEY DEFEAT 12-I.

NOT USED 13-I. SCAN MODE 14-I. NOT USED 15-I. SLEEP TIMER 16-I. EN TIMER 17-I. ALARM 18-I. NOT USED 19-I. NOT USED 20-I. FEATURE LEVEL 21-I. V-CHIP 22-I.

MAX BLK HRS 23-I. CAPTION LOCK 24-I. TEXT MODE 0/1 0/1 0/1 0/1 0 1 1 1 0/1 0/1 0 - 99 0/1 0/1 1 1 12 0 1 Zen 1 Leave default set 1 (1 Zen1). Set to 1 to enable V-Chip (Parental Control). Sets number of Parental Control blocking hours. Set to 1 to retain caption setting at turn off. Set to 1 to add Text option to closed caption menu. Page 41 Installer Menu Installer Menu Items 25-I through 62-I Menu Function Item 25-I. FUNCTION PRE. 26-I.

NOT USED 27-I. NOT USED 28-I. CH OVER RIDE 29-I. OLD OCV 30-I. ACK MASK 31-I.

POLL RATE 32-I. TIMING PULSE 33-I. NOT USED 34-I. CAMPORT EN 35-I. SUP.

PORT YUV 36-I. FRNT Y-C EN 37-I. REAR Y-C EN 38-I. YPRPB EN 39-I. REAR VIDEO EN 40-I. AUTO CAMPORT 41-I. NOT USED 42-I. AUTO FRNT Y-C 43-I. NOT USED 44-I. NOT USED 45-I.

NOT USED 46-I. STRT AUX SRCE 47-I. AUX STATUS 48-I. DIS SETUP M 49-I. DIS AUDIO M 50-I. DIS VIDEO M 51-I. DIS VCHIP M 52-I. DIS SOURCE M 53-I. DIS CHTIME M 54-I. EN SET COL 55-I.

FOR SETUP M 56-I. BCK SETUP M 57-I. EN AUDIO COL 58-I. FOR AUDIO M 59-I. BCK AUDIO M 60-I.

EN VIDEO COL 61-I. FOR VIDEO M 62-I. BCK VIDEO M Value Range 0-3 Default Value 0 Brief Description of Function and Comments Controls channel preview in Pay-Per-View function menu. 0/1 0/1 0/1 20 - 169 186 - 227 0/1 0/1 0/1 0/1 0/1 0/1 0/1 1 0 0 94 204 1 0 0 1 0 1 1 0 When set to 0, limits direct access to favorite channels. OCV should set to 1.

M.P.I. communication parameter. M.P.I. communication parameter. M.P.

I. communication parameter. Set to 1 to enable the front AUX (Camport) input. Reserved for future use. Not available. Leave default set at 0. Set to 1 to enable the rear S- Video input. Not available. Leave default set at 0. Set to 1 to enable rear AUX video input.

Set to 1 to automatically switch to Camport. Not available. Leave default set at 0. 0-2, 255 0/1 0/1 0/1 0/1 0/1 0/1 0/1 0/1 0-7 0-7 0/1 0-7 0-7 0/1 0-7 0-7 255 0 0 0 0 0 0 0 6 4 0 3 5 0 4 7 Sets the starting AUX source. Set to 1 for M.

P.I. AUX source reported as Channel number instead of Channel 0. Set to 1 to disable Setup menu. Set to 1 to disable Audio menu.

Set to 1 to disable Video menu. Set to 1 to disable V-Chip (Parental Control) menu.



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