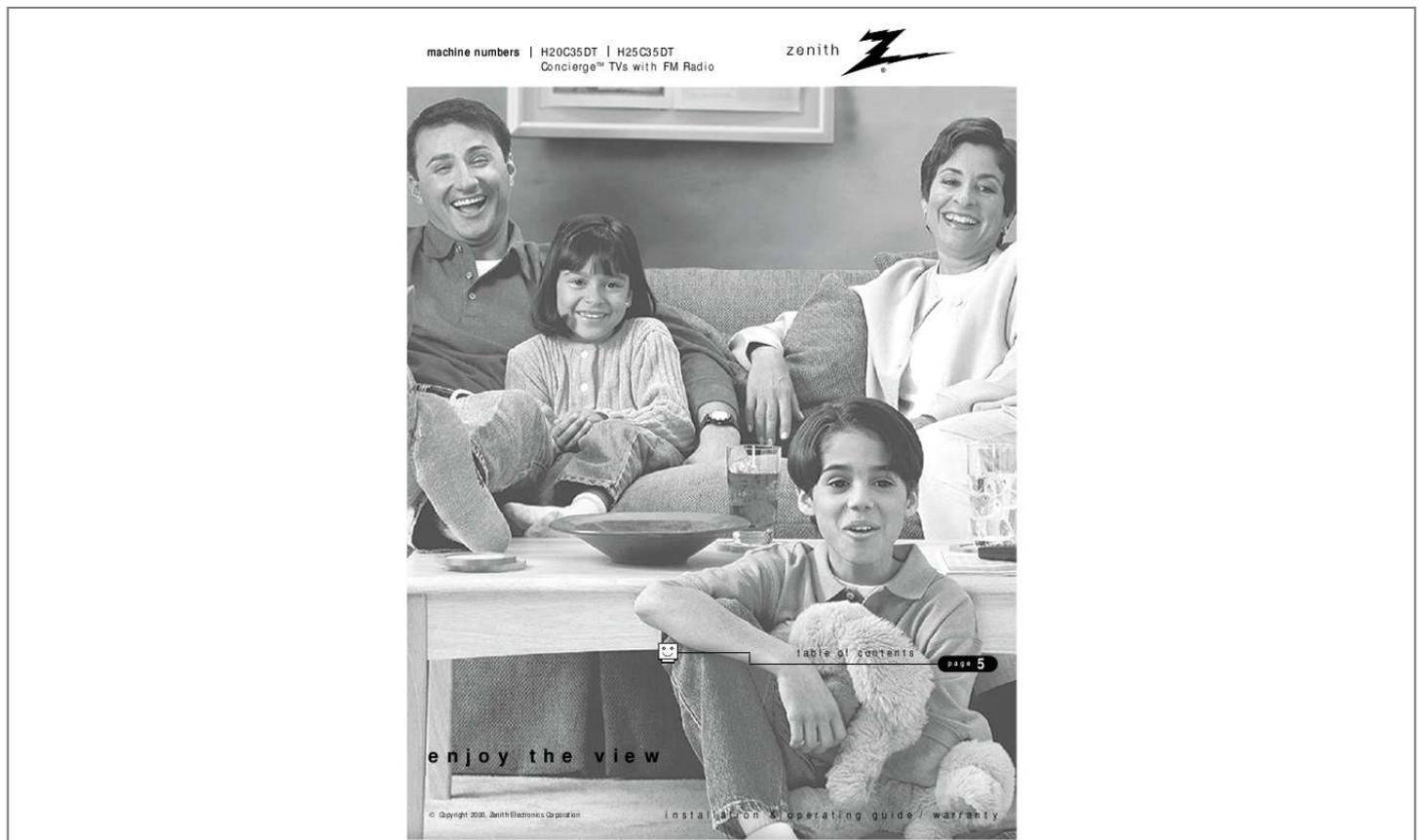# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ZENITH H25C34Y. You'll find the answers to all your questions on the ZENITH H25C34Y in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ZENITH H25C34Y
User guide ZENITH H25C34Y
Operating instructions ZENITH H25C34Y
Instructions for use ZENITH H25C34Y
Instruction manual ZENITH H25C34Y

machine numbers | H20C35DT | H25C35DT
Concierge™ TVs with FM Radio

zenith

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enjoy the view

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Manual abstract:

REFER TO QUALIFIED SERVICE PERSONNEL. @@@@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.

@@@@@@· Increase the separation between the equipment and receiver. @@· 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 Zenith Electronics Corporation. Unauthorized modification could void the user's authority to operate this product. 2-WIRE COMM WARN ConciergeTM is a trademark of Zenith Electronics Corporation © Copyright 2000 Zenith Electronics Corporation IMPORTANT SAFETY INSTRUCTIONS Important safeguards for you and your new product Your product has been manufactured and tested with your safety in mind.

However, improper use can result in potential electrical shock or fire hazards. To avoid defeating the safeguards that have been built into your new product, please read and observe the following safety points when installing and using your new product, and save them for future reference. Observing the simple precautions discussed in this operating guide can help you get many years of enjoyment and safe operation that are built into your new product. This product complies with all applicable U.S.

Federal safety requirements, and those of the Canadian Standards Association. 1. Read Instructions All the safety and operating instructions should be read before the product is operated. 9. Attachments Do not use attachments not recommended by the product manufacturer as they may cause hazards. 2. Follow Instructions All operating and use instructions should be followed. 10. Ventilation Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface.

This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. 3. Retain Instructions The safety and operating instructions should be retained for future reference. 4. Heed Warnings All warnings on the product and in the operating instructions should be adhered to. 5. Cleaning Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. 11.

Power Sources This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions. 6. Water and Moisture Do not use this product near water for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

12. Line-Cord Polarization This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug.

If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. 7. Accessories Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. 13. Power-Cord Protection Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product. 8.

Transporting Product A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn. (Continued on next page) PORTABLE CART WARNING 206-3489-O PAGE 3 IMPORTANT SAFETY INSTRUCTIONS (Continued from previous page) 18. Object and Liquid Entry Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. 14. Outdoor Antenna Grounding If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code (U.S.A.

), ANSI/ NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. 19. Servicing Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. 20.

Damage Requiring Service Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a. If the power-supply cord or plug is damaged. b. If liquid has been spilled, or objects have fallen into the product. c.

If the product has been exposed to rain or water. d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

e. If the product has been dropped or the cabinet has been damaged. f. If the product exhibits a distinct change in performance. Example of Grounding According to National Electrical Code Instructions Ground Clamp Antenna Lead in Wire Antenna Discharge Unit (NEC Section 810-20) Grounding Conductor (NEC Section 810-21) Ground Clamps Power Service Grounding Electrode System (NEC Art 250, Part H) Electric Service Equipment NEC - National Electrical Code 15. Lightning For added protection for this product (receiver) during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

This will prevent damage to the product due to lightning and power-line surges. 21. Replacement Parts When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards. 16. Power Lines An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal. 22. Safety Check Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition. 23.
Wall or Ceiling Mounting The product should be mounted to a wall or ceiling only as recommended by the manufacturer. 17. Overloading Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock. 24. Heat The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

PAGE 4 206-3489-O Table of Contents Turn to the next page to begin the TV set up

VIDEO IN M.P.I. MATRIX OUT R- AUDIO- L IN 300/75 ohm Adapter TV back panel (expanded view) 5 Go to page 12 to Auto Program the TV. Antenna TV back 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) ANTENNA CABLE VIDEO IN M.P.I. MATRIX OUT R- AUDIO- L IN TV back panel (expanded view) Mini glossary 75 OHM RF CABLE 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 your TV. A small device that connects a 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. 300 TO 75 OHM ADAPTER 206-3489-O PAGE 7 Hook Up Cable Service (CATV) Connect cable service to the TV 1 2 3 Locate the Antenna/Cable jack on the back of the TV. Connect the cable that runs from the wall directly to this jack, according to the diagram to the right. Remove the back of the remote and put in two AA batteries.

RF coaxial wirepanel (expanded view) 206-3489-O PAGE 11 Auto Program (Channel Search) Use Auto Program to specify Antenna or cable service incoming signal source and automatically store all of the channels that are found by channel search 1 2 3 4 5 6 7 With the Installer remote control in hand, press the POWER key to turn on the TV. POWER Press MENU repeatedly so the Setup menu appears. Using SELECT on the remote control, highlight Auto Program on the screen. Press a Right or Left ADJ (Adjust) arrow to reach the Auto Program screen. Using SELECT, choose either Cable TV or Off-Air Antenna on your screen. Press a Right or Left ADJ arrow to begin the Channel Search. Press ENTER when finished. 1 CC FLSH TV /FM BK MUTE VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER TIMER MENU ALARM 7 2 3/5 Note: Auto Program finds channels being received by the TV tuner. Cable will not work unless the lodge provides a cable service. ADJ SELECT CH PREVIEW ADJ 4/6 Mini glossary OFF-AIR-ANTENNA CABLE If the guest can only view over-the-air broadcasts, select Antenna.

If you provide cable service to your guests, select Cable. PAGE 12 206-3489-O Front Panel Controls Use the front control panel to access the menus or just operate the TV Note: Item 10 Key Defeat, in the installer's menu allows the installer to: Set Menu Option 10, Key defeat to "0" - Front panel controls give access to menus. Set Menu Option 10, Key defeat to "1" - Menus not available with front panel controls. 1 2 3 4 5 Press ON/OFF to turn on your TV. To access the menus press the MENU button on the control panel.

Cycle through the various menus by pushing the button repeatedly. Press the SELECT button repeatedly to highlight the option you want to modify. Press either the Right or Left ADJUST button to modify the option you have chosen. Press CAPTIONS to turn captions on and off. VIDEO AUDIO CAPTION VOL VOL CH CH OFF ON Typical Front Panel Controls The menu will disappear after a few seconds.

IN LEFT RIGHT There are three jacks on the front of the TV that make connecting Audio/Video devices like camcorders very simple. To use the front jacks as the signal source, simply plug a composite video cable into the VIDEO jack. The TV will automatically change its source setting to CAMPORT, as indicated on the channel selection screen. The Front Audio/Video jacks are a direct source connection.

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If you have a device plugged into the front Video jack, you will not be able to change channels until you have unplugged the front Video jack. Front panel control menu operation buttons are not labeled and are not usually available to the guest. You can use Ch to select channels and Vol to set the volume level regardless of the key defeat setting. 3 4 5 Video Connects the video signals from any piece of equipment. Left/Right Audio Used for stereo sound from various types of equipment. 2 1 206-3489-O PAGE 13 Guest Remote Key Functions A quick list of the keys on the guest remote and what they do CC (CLOSED CAPTIONING) Direct access to closed captions.

Press ENTER to exit. POWER Turns TV On or Off. TV/FM Switches between TV and FM radio modes. FLASHBK (FLASHBACK) Returns to the last channel viewed. MUTE Turns sound Off and On, while the picture remains. POWER FLSH CC BK MUTE TV /FM VO LUM E VOLUME (LEFT/RIGHT) Adjusts the sound level. CHAN NEL 1 4 2 5 8 3 6 9 ENTER CHANNEL (UP/DOWN) Scrolls through available channels, and the Video Channel (Audio/Video source). NUMBER KEYPAD Used to key-in numbers and select channels directly: key-in channel numbers and press ENTER to go to new channel. ENTER Press to view the Channel/Time/Audio display or to remove any on-screen display or menu. 7 0 TIMER ALARM TIMER Press repeatedly to set the TV turn-off time from 10 minutes up to 4-hours.

Sets AM or PM in the Alarm menu. CH PREVIEW ALARM Press to display menu, then follow on-screen instructions to set a time the TV will turn itself on. CHANNEL PREVIEW Displays the available TV channels, including access to guest's Parental Control menu (if Active). Allows guest to select the Video source. (Use the Audio/Video jacks on the back of the TV as the source of the picture and sound.

) remote control part number SC692 124-213-03 NOTE: The channel and volume keys can be used by the guest to select and adjust the Parental Control settings, if the installer activates the Parental Control option in the Installer Menu. PAGE 14 206-3488-O Installer Remote Key Functions A quick list of the keys on the LP702 installer's remote and what they do CC (CLOSED CAPTIONING) Direct access to closed captions. Press ENTER to exit. POWER Turns TV On or Off. FLASHBK (FLASHBACK) Returns to the last channel viewed.

MUTE Turns sound Off and On, while the picture remains. POWER FLSH CC BK MUTE TV/FM Selects TV or Radio mode on TVs equipped with FM radio. VOLUME (LEFT/RIGHT) Adjusts the sound levels. TV /FM VO LUM E CHAN NEL CHANNEL (UP/DOWN) Scrolls through available channels. NUMBER KEYPAD Selects channels directly and enters numeric values for some options. 1 4 7 0 2 5 8 3 6 9 ENTER ENTER Press to view the Channel/Time display or to remove any on-screen display or menu. TIMER Press repeatedly to adjust TV turn-off time from 10 minutes up to 4-hours. Sets AM or PM in the Clock/Alarm menus. MENU/SELECT/ADJ (ADJUST) Adjusts on-screen menus and options. Press MENU repeatedly to scroll through menus.

Use SELECT to choose an option and ADJ (adjust) Left/Right to change the selected option. TIMER MENU ALARM ALARM Press to go to the Alarm menu. Set a time for the TV to turn itself on. CHANNEL PREVIEW Gives installer access to the guest's menus. Displays the available TV channels and hotel guest's Parental Control menu (if active). Selects the Video source. (Use the Audio/Video jacks on the back of the TV as the source of the picture and sound.) SELECT CH PREVIEW ADJ ADJ remote control part number LP702 124-213-04 206-3489-O PAGE 15 On-Screen Menus Overview Descriptions of the menus and on-screen displays available to the installer Menu Name Page Description ON-SCREEN MENUS SETUP MENU Auto Program Add/Del/Blnk Channel Labels Clock Set Captions Language Adjusts the basic operational features of the TV 12 17 18 19 20 21 Automatically finds and stores active channels to scroll through using Channel Up/Down. Manually picks and chooses which active channels will appear when using Channel Up/Down Labels the channels with their network names (ABC, CBS, HBO, etc.).

Sets the time. Chooses the captioning or text option. Picks the language the on-screen menus will appear in. Customizes the sound. Options are: Bass, Treble, Balance, Audio Mode, Front Surround, SoundRite, Audio Preference.

Adjusts the picture for any viewing situation. The options are: Contrast, Brightness, Color, Tint, Sharpness, Picture Preference. Allows installer/user to block program content for up to 12 hours, with the use of a password. A U D I O M E N U 22 VIDEO MENU PARENTAL CONTROL MENU 26 Channel/Time Alarm Sleep Timer Volume Captions Ch Preview Channel Bank 23 24/43 OTHER MENUS AND ON-SCREEN DISPLAYS Shows the current time, channel, (or video source) and type of incoming audio signal. Sets the wake-up time.

Sets the time the TV will turn off. Shows current sound level. Use to select Caption/Text options. Displays the available channels and menus list. Shows currently selected channel bank. FM RADIO MENUS FM Auto Program 27 FM Radio Menus FM Audio Menu 28 29 Automatically finds and stores FM radio stations to scroll through with Channel Up/Down. Adjusts the operational features of the FM radio Adjusts the FM radio audio features. Installer Menus Service Menu 33 Makes adjustments to the TV's operational features. PAGE 16 206-3600-O Setting Add/Delete/Blank Fine-tune the guest's channel selection list 1 2 3 Press the MENU key on the Installer's remote so the Setup menu appears. Press SELECT repeatedly to highlight the Add/Del/Blnk option.

Using either the NUMBER keypad and ENTER or the Channel Up/Down arrows 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 arrows, pick whether that channel is Added, Deleted, or Blank. To continue, select another channel and repeat Step 3. When you are finished, press ENTER to remove menu. POWER CH 44 ADDED 4 5 FLSH CC BK MUTE TV /FM VO LUM E CHAN NEL Adding Aux, VCR 3, VCR 4, or FM to the Channel Preview List Go to the Setup menu, select the Add/Del/Blnk option. Use Channel Up/Down to select the option 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. Notes: Adding VCR 3 and/or VCR 4 as available channels forces TV Channel 3 and/or 4 to be retained, when running Auto Program, even though the equipment connected to the Antenna/Cable (RF) jack (like a cable converter and/or VCR) may be turned off. You can elect to Add, Delete or Blank: VCR 3, VCR 4, and Aux.

FM can be Added or Deleted, but not Blanked. 3 1 2 5 8 3 6 9 ENTER 3 4 7 0 TIMER MENU ALARM 3/5 1 2 ADJ SELECT CH PREVIEW ADJ 4 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. Mini glossary ADD DELETE BLANK Adds new channels to the list that the guest can scroll through when using the remote. Removes channels for one reason or another from the list that the guest can scroll through.

Removes the video signal from a channel so the guest will only receive the audio signal. 206-3488-A PAGE 17 Channel Labels Overview Channel Labels help the user identify the channel or network being viewed. In the Setup menu with the CH LABELS option highlighted, use the Adjust Left/Right arrows to scroll through the available channel labels, such as, A & E, AMC, ESPN, HBO, etc. These are a series of alphabetically organized preset labels from which you can choose the more common networks. Use any of these or create custom labels.

- - - - , The 4 dashes will allow a channel label to appear; if one is provided by XDS. (Extended data service) NONE, prevents any channel label from appearing. LAB 1, thru LAB 20, are the 20 programmable labels. The 20 programmable labels can be customized for your needs. Each programmable label has 5 characters spaces available. A&E POWER FLSH CC BK MUTE TV /FM To Program a Channel Label First select a channel using the NUMBER keypad and ENTER or the Channel Up/Down arrows, on the Installer's remote control. (To select a deleted channel, use the NUMBER keypad and ENTER.) To program a channel label, go to the Setup menu and select CH LABELS. Press the Right/Left adjust arrow to scroll the available preset labels. Scroll past - - - -, scroll past NONE, to go to the first programmable label slot, LAB 1.

Notice that the label appears with the title LAB 1, and is also on a dark background; which will distinguish it from the preset labels. VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER TIMER MENU ALARM Operating the Menu Use Volume Up/Down to select the first letter. Press MUTE to clear the label if necessary. Use Channel Up/Down to change the character to one of the 255 characters available. Adjust Left/Right Switches to the next label. - - moves to the next or previous label. Selects character spaces - - moves to the next or previous character space. Scrolls through the available characters. Accept the channel label and removes the menu. Removes current label, - - if first character space is selected.

SELECT CH PREVIEW ADJ ADJ Volume Up/Down Channel Up/Down ENTER MUTE PAGE 18 Clock Set Sets the TV's internal clock 11:44 PM 1 2 3 4 5 Press MENU repeatedly to show the Setup menu. Press SELECT to highlight the Clock Set option. Set the current time; use the Number keypad to enter the hours, then minutes. For example, enter 06, then 30, to set 6:30 on the clock. Use the TIMER key to specify AM or PM.

Press ENTER to start the clock and return to TV viewing. POWER FLSH CC BK MUTE TV /FM VO LUM E CHAN NEL 1 2 5 8 3 6 9 ENTER 3 4 7 0 The Sleep Timer may be instantly set by pressing the TIMER key repeatedly. When you have made the selection, press ENTER to set the timer and return to TV viewing. 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. 5 4 2 TIMER MENU ALARM SELECT CH PREVIEW ADJ ADJ 1 Mini glossary TIME HOURS A four-digit figure broken down into hours and minutes; first two digits are hours, last two digits are minutes. First two digits that are entered when setting the clock. MINUTES The last two digits that are entered when setting the clock. TIMER Used to choose AM/PM when setting the clock. 206-3600 PAGE 19 Captions (Caption/Text) Set up Closed Caption/Text options for the user CAPTIONS SETUP OPER.

MODE SEL. CC TYPE CC CAPTION CC ON MUTE CAPTION LOCK PRESS SELECT TO CHOOSE PRESS ADJ TO CHANGE ON, OFF ON, OFF ON, OFF CAPTIONS SETUP OPER. MODE SEL. CC TYPE CAPTION LOCK TO SET CAPTIONS PRESS SELECT TO CHOOSE PRESS ADJ TO CHANGE ON, OFF STANDARD CAPTION 1 CAPTION 2 CAPTION 3 CAPTION 4 TEXT 1 TEXT 2 TEXT 3 TEXT 4 OFF QUICK/MUTE TO SET CAPTIONS CAPTION 1 CAPTION 2 CAPTION 3 CAPTION 4 TEXT 1 TEXT 2 TEXT 3 TEXT 4 Closed Captions/Text Operating Modes Setup Use MENU, SELECT, and ADJ Left/Right to choose the Closed Captions/Text mode and to set up the other menu options for the user. Quick/Mute When CC is pressed: User can only turn Captions on/off. (If CC on Mute is on, shows captions option on mute.) (If locked, type is retained with Power on/off.) When CC is pressed: User can choose a captions type. (If locked, type is retained with Power on/off.) POWER FLSH CC BK MUTE TV /FM 1 E V M OLU CHAN NEL Standard 1 4 7 0 2 5 8 3 6 9 ENTER Press ENTER repeatedly to remove menus.

Standard closed captioning is available using the Caption 1 option. TIMER MENU ALARM 2 Caption/Text is a feature which allows the Concierge TV to receive the closed caption and/or text options if made available by the broadcaster. Availability and functionality of Caption/Text features is determined only by each broadcaster and may not be available in your area. Mini glossary CAPTIONS TEXT SELECT CH PREVIEW ADJ ADJ 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.

PAGE 20 206-3600 Language Choose the language for the on-screen menus ENGLISH 1 2 3 4 Press the MENU key on the remote control so the Setup menu appears. Press SELECT on the remote control and repeat, to highlight Language on your screen. Press a Right/Left ADJ arrow to choose one of the following options: English, Spanish or French. Press ENTER to return to TV viewing. POWER FLSH CC BK MUTE TV /FM VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER 4 1 2 TIMER MENU ALARM SELECT CH PREVIEW ADJ ADJ 3 206-3489-O PAGE 21 Audio Menu Adjust the audio options for the guest AUDIO PREF CUSTOM 1 2 Press MENU repeatedly on the installer's remote control until the Audio menu appears.

@@Choose from: · Bass: Increases/decreases lower-end sounds. · Treble: Increases/decreases higher-end sounds. @@ · Audio Mode: Chooses from Stereo sound, Mono, or 2nd Audio/SAP. · Front Surround: Turns Front Surround sound on or off. · Soundrite: Turns the uniform volume feature on or off. · Audio Preference: Chooses Custom or Preset audio settings. (Preset returns settings to default values.) POWER FLSH CC BK MUTE TV /FM VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER 4 1 2/4 TIMER MENU ALARM SELECT CH PREVIEW 3 4 Press a Right/Left ADJ arrow to adjust or change the option you have selected.

Press ENTER to return to TV viewing, or press SELECT and return to the Audio Menu to adjust another option. Not all programming is broadcast in stereo sound or has 2nd Audio SAP.

ADJ ADJ 3 Mini glossary STEREO SOUND MONO SOUND SOUNDRITE 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. Maintains a constant volume level when commercials or channel changing increases or decreases the sound level. PAGE 22 206-3489-O Video Menu Use the Video menu to customize the picture 1 Press MENU 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: Balances between amounts of red and green in the TV picture.

· Sharpness: Raises or lowers the definition of the TV picture. The lower the level, the softer the images will appear. · Picture Preference: Choose either Custom or Preset. Custom allows you to set the picture the way you want. Preset moves all the above options back to their original, factory-set levels.

POWER FLSH CC BK MUTE TV /FM VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER 4 2 3 4 5 6 Use SELECT on the installer's remote control, choose Contrast on your screen. Use a Right/Left ADJ arrow, change the contrast level to your preference. Press ENTER, or MENU one more time to return to TV viewing, or repeat from step two to set the other menu options. Use SELECT to choose Picture Preference on your screen. Use the Right/Left ADJ arrows, to choose either the original settings with Preset, or use your own settings with Custom.

1 2 TIMER MENU ALARM SELECT CH PREVIEW ADJ ADJ 3 Choose the Preset option in Picture Preference to quickly reset the levels to their original values. 206-3489-O PAGE 23 Installer Parental Control Menu If used, this optional feature can "block" undesirable programming from appearing on the TV Parental Control offers the user a wide variety of options and settings that restrict or "block" the programming that can appear on the TV. Parental Control allows the user the capability of defining which program rating they consider acceptable, to the younger or more sensitive viewer. It can be preset and turned either on or off by the user who specifies the secret 4-number code, the password. The number of hours blocked are specified. General audience and children viewer blocks should both be programmed into the TV's memory. Viewer ratings are specified for both TV and the motion picture industry; both rating systems can be used. The ratings are based mainly on the ages of children. Overview To insure complete coverage for all TV programs, (movies and regular TV shows) choose a rating for MPAA, from the selections below AND choose ratings from the TV Parental Guidelines Rating System on pages 44 and 45, using the Age Block option for General Audiences, and for Children. In addition to those, you may wish to add additional restrictions from the Content Block menu.

See the Parental Control menu, and submenus example on the next page. Things to Consider before Setting Up Parental Control Determine which rating you consider acceptable to the viewer. (For example, if you choose TV-PG, all more restrictive ratings will be automatically blocked; the viewer will not be able to see: TV-PG, TV-14, or TV-MA rated programming.) Do you want the auxiliary video source signal blocked entirely? (Block the picture and sound of the equipment, such as a VCR, connected to the TV Audio/Video input jacks; in the Aux. Block option.) Or leave unblocked, and Parental Control will restrict the video picture and sound based on the restrictions you have specified. Block program "Content" based on individual parameters such as: Strong Dialog, Bad Language, Sex Scenes, Violence Scenes, or Fantasy Violence Scenes; in the Content Blk option. How many hours do you want Parental Control to be active? You can set block hours for up to 12 hours. (See page 25) Select a secret password; in the Set Password option. Use the number keys on the remote. If you forget the password see note below. Do you want Parental Control to be active all the time? If not, you can turn it on or off; with the Lock On/Off option. You should set different Parental Control viewing restrictions for general audiences and for children - - both should be active at the same time. Simply specifying one content block such as Sex Scenes, will not automatically block another content in the programs from appearing. Note If you choose to have the Aux inputs unblocked, the ratings you specify will automatically restrict the programming that appears from the video sources.

You cannot disable Parental Control by disconnecting the TV from power. Block hours will automatically reset to the original block time setting specified if power is disconnected. Reset Parental Control Block Hours to Zero and Cancel Password This provides the lodge staff and the installer a means to reset the TV to normal operation, if a guest has either forgotten the password or has left Parental Control Block active after checking out. On the installer's remote control, press and hold down MENU until the menu disappears (about 6 seconds). Immediately press 9, 8, 7, 6 and then CC.

This will reset the Block Hours to Zero and cancel the current 4-number password. PAGE 24 206-3240-O Installer Parental Control Menu After you have read the preceding page, follow instructions below to set up and activate Parental Control 1 AUDIO PREF CUSTOM MPAA RATING TO BLOCK CONTENT BLOCK DIALOG LANGUAGE SEX SCENES VIOLENCE FV VIOLENCE NO RATING Note: Use the installer's remote control to specify Parental Control settings. From TV-PG 2 As shown above, with the Parental Control menu on-screen, use SELECT to choose an option, like Content Block. Use the Left/Right ADJ arrow to show the Content Block menu, to adjust or set the rating for an option. For Sex Scenes for example, use the "From TV-PG" setting. (See the Mini Glossary, Ratings Charts on pages 44 and 45 for rating meanings.) After you have selected and adjusted the parental control menu options to your preferences: - Set the number of hours Parental Control will be on. - Set a 4-number password using the numbers. - Set the Lock On/Off option to either on or off. Note: Some broadcasts and tapes do not include rating information.

POWER FLSH CC BK MUTE 3 TV /FM VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER 4 TIMER MENU ALARM 1 2 ADJ SELECT CH PREVIEW ADJ 3 Notes 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 Service Menu, item: 51 MAX BLK HRS 12, use the Left/Right adjust arrow to set a different default number of hours. To Turn the Parental Control Feature Off/On In the Service Menu, item: 55 V-CHIP 0 or 1, use the Left/Right adjust arrow to set to 0, Parental Control menu will not appear. use the Left/Right adjust arrow to set to 1, Parental Control will be available. 206-3488-A PAGE 25 Other Menus & On-Screen Displays Press the remote keys indicated below to access these menus and displays CH 9 3:12 PM STEREO Channel/Time/Audio Display Press ENTER. Shows currently selected channel or source, current time if the clock has been set, and incoming audio signal. Alarm Menu Press ALARM. TV Mode: Sets a time the TV will turn itself on. FM Mode: Sets a time the FM radio will turn itself on. Sleep Timer Menu Press TIMER.

Sets the time to automatically turn the TV off and shows remaining time before TV shutoff. VOLUME CC CAPTION 1 IS ON CHANNEL PREVIEW 5 ---9 ---20 ---32 ---44 ---AUX ---FM CH TO SELECT, ENTER TO CC FOR PARENTAL CONTROL Volume Display Press VOLUME. Shows currently selected sound setting. Closed Captions Menu Press CC. Sets Caption/Text options: Off, Caption 1, 2, 3, 4, or Text 1, 2, 3, 4.

Ch Preview Menu Press CH PREVIEW. Displays list of the available TV Channels, Guest Parental Control menu (if active) and Video Channel access. Press CHANNEL Up/Down to select a channel, or menu, then ENTER to go to channel or menu. CHANNEL BANK BANK 3 Channel Banks Menu Press SOURCE/BANK on an Installer remote equipped with those keys. Gives access to the Channel Banks menus: Bank 1, Bank 2, Bank 3, Bank 4.

PAGE 26 206-3488-A FM Radio Auto Program FM SETUP MENU Use FM Radio Auto Program to automatically store all of the FM stations that are found by the channel search AUTO PROGRAM TO PROGRAM FM ADD / DEL 88.1 ADDED FM LABELS 107.9 ROCK 11:44 PM CLOCK SET 1 2 3 4 5 6 With the Installer remote control in hand, press POWER to turn on the TV. POWER Press TV/FM to select FM mode. Press MENU repeatedly until the FM menu appears. Using SELECT on the remote control, highlight Auto Program on the screen. Press a Right or Left ADJ arrow to begin the FM Radio stations search. Press ENTER when search is finished. 1 CC FLSH TV /FM BK MUTE 2 VO LUM E CHAN NEL 1 4 7 0 2 5 8 3 6 9 ENTER Use MENU, SELECT, ADJ (Left/Right), and the Number Keypad to access and change the menu options described on the next page. TIMER MENU ALARM 6 3 4 ADJ SELECT CH PREVIEW ADJ 5 Mini glossary FM AUTO PROGRAM FM STATION SEARCH Feature that finds all available FM stations the TV is receiving.

Similar to the Channel search in TV mode, all the FM stations that are found are stored in the FM Radio stations memory. 206-3489-O PAGE 27 FM Radio On-Screen Menus Overview Descriptions of the FM Radio Installer's menus (Station/Time/Audio Display) 88.1 STEREO 3:42 PM FM SETUP MENU AUTO PROGRAM TO PROGRAM FM ADD / DEL 107.9 ADDED FM LABELS 88.1 ROCK CLOCK SET 11:44 PM MUSIC ID 88.1 90.1 90.4 94.1 94.3 95. 5 97.4 101.2 104.2 106.5 CH ---CLASSICAL COUNTRY JAZZ NEWS OLDIES OTHER RELIGIOUS ROCK SPORTS TALK AUDIO MENU AUTO PREF CUSTOM TO SELECT, ENTER TO QUIT In FM mode, using the Menu button on the installer's remote, the installer can access the menus shown above. Press ENTER to show the FM Radio Station/Time/Audio Signal on-screen display. Menu Name Description FM SETUP MENU OPTIONS FM Setup Menu Adjusts the basic characteristics of the FM radio Auto Program FM Add / Del Automatically finds and stores all active FM radio stations within the range of 87.7 - 107.9. The user can then scroll through the FM radio stations stored in memory using Channel Up/Down, in FM radio mode.

Use to edit the list of active FM stations found with auto program. All stations found are automatically included into memory, however, for one reason or another, you may want to delete or add some FM stations. Notes: After using the FM Add/Del function, return to TV mode (press TV/FM key) before turning the TV off. This ensures that the FM Add/Del changes are saved in memory. To add a deleted channel, run FM auto program again. Lets you assign a label for the type of radio station, by highlighting FM Labels, using CH Up/Down to choose a station, then using ADJ to select a classification like ROCK. For example, if the label ROCK is assigned to FM station 88.1, then "ROCK" will appear in the active stations list next to 88.1, whenever the Music ID display is shown. Labels available (besides Blank - - - -) include: CLASSICAL OTHER COUNTRY RELIGIOUS JAZZ = ROCK NEWS = SPORTS OLDIES = TALK Sets the FM radio's clock memory to the correct time.

Highlight the Clock Set option, then use the numbers on the remote to enter the current time directly. Press TIMER to choose AM or PM, then press ENTER to remove menu. Note: You can also enter the time directly using the 24-hour time system. For example, to set 2:30 p.m., key in 1430 then press ENTER and AM/PM will be set for you. Use this method if you use the LT1500 remote which does not have a TIMER key. Shows currently selected FM radio station, current time (if set), and incoming audio signal. Use to adjust the sound options to your preferences. Shows available FM radio stations in memory. @@Press MENU repeatedly until the FM Radio Audio menu appears. @@@@@@· Audio Mode: Choose from Stereo sound, or Mono. · Front Surround: Turn Front Surround sound on or off. · Soundrite: Turn the uniform volume feature on or off. · Audio Pref: Selects Custom or Preset.

Custom: Your audio settings. @@@@Mono (monaural) sound is one channel of sound. @@The user then opts for a package. Below is an example of how TV channels may be grouped. @@@@Sometimes, only one or two channel banks may be needed.

@@@@Then, if someone selects an "unused" bank, that channel will assure them that the TV is functional. Note: Some channels from factory testing may be in the channel banks if you have not yet run Auto Program. ADDING / DELETING CHANNELS A previously prepared programming chart is helpful. 1. Run Auto Program (in the Setup menu). The channels available in your cable/antenna will be entered in the channel banks 1, 2, 3, and 4. @@2. @@CHANNEL BANK and BANK number will be displayed. 3. @@You may delete channels or add some that have not been entered.

@@See the "ADD/DEL/BLNK" menu page for more details. Note: The Blank Channel feature is global. A channel will be blanked in all channel banks. 4. @@@@@@@@@@@@A channel blanked, is blanked in all channel banks. @@@@To exit the Installer's Menu, press ENTER again. Any changes you make will be stored in nonvolatile memory. The Installer's Menu opens with item 03, POWER MANAGE. Press the SELECT key to sequence through the various items. @@@@@@@@@@@@@@@@SCAN MODE TEXT MODE SLEEP TIMER ALARM CH.

@@01 PRESET PX (Preset Picture) Saves your custom video settings (color, tint, contrast, and brightness) in nonvolatile memory (not affected by power loss).

Memory status is indicated by a 1 for "custom settings already stored," or 0 for "custom settings have not been stored." Make all custom video settings before you access the Installer's Menu and PRESET PX. When you use the ADJUST keys to toggle from 0 - 1, any changes in the video settings will be stored sure they are correct! These settings become the PRESET values for the PICTURE PREF option of the Video Menu. (For more information refer to the Video Menu section of this manual.

) 02 PRESET AX (Preset Audio) Saves your custom audio settings in nonvolatile memory (not affected by power loss). Memory status is indicated by a 0 for "custom settings already stored," or 1 for "custom settings have not been stored." Make all custom audio settings before you access the Installer's Menu and PRESET AX. When you use the ADJUST keys to toggle from 0 - 1, any changes in the audio settings will be stored be sure they are correct! These settings become the PRESET values for the AUDIO PREF option of the audio Menu. (For more information refer to the Audio Menu section of this manual.

) 03 POWER MANAGE (Power Management) The POWER MANAGE function is for saving energy. When set to 0, Power Manage is OFF. Settings range from 0 - 7, with 1 - 7 representing the hours that the TV will remain on, unless there has been activity from either the control panel or remote. One minute before turning off, the message "PRESS ANY KEY TO KEEP TV ON" appears. 04 VERT POS (Vertical Position) Moves captions and displays vertically on the screen. Use the ADJUST keys. Typical value is 15. Black bars top and bottom define the active screen area. 05 HORZ POS (Horizontal Position) Moves captions and displays horizontally on the screen. Use the ADJUST keys.

Typical value is 15. Black bars top and bottom define the active screen area. 06 BAND/AFC (Band/Automatic Frequency Control) There are 8 possible settings for this option: 0 = Broadcast Fixed 5 = CATV Fixed 6 = HRC Fixed 4 = Broadcast AFC 1 = CATV AFC 2 = HRC AFC 206-3600 7 = ICC Fixed 3 = ICC AFC Channels are accessed faster when fixed modes are used. The AFC (search modes) should only be used when some channels are not on nominal frequencies. NOTE: BAND is automatically set by AUTO PROGRAM. If some channels were not found by AUTO PROGRAM, select the appropriate AFC setting here and add the channels using the ADD/DEL option in the Setup Menu. 07 MIN VOLUME (Minimum Volume) This function determines the minimum volume level allowable with the VOLUME (VOL) Up/Down control. In this way, for example, someone cannot set the volume too low to hear. The range is from 0 to 63--change values with ADJUST . The factory default is 0, which provides full range of volume control.

It may be best to set the same value on every TV. @@@@@@@@Change values with ADJUST keys. It may be best to set the same value on every TV. @@@@Pressing the ON button is not necessary. @@@@@@@@When set to 0, those keys are functional.

The menus can always be accessed with MENU on the remote. @@This feature is useful for an in-house information channel, since the TV would always select that channel when it is turned on. Setting this to 255 causes the last channel viewed when TV was turned off to be the tuned to channel when the TV is turned on again. PAGE 34 Installer Menus Use the Installer's Menus to make TV operation adjustments The range of values is 0 - 255. Use (adjust) keys to choose numbers that determine the start channel.

12 STRT VOLUME (Start Volume) When active, this function allows you to determine the initial volume level setting when the TV is turned ON. This feature is useful for an in-house information channel, since the TV would always select that channel when it is turned on. When inactive, the volume level and channel retain the settings when the set was last used. The range of values is 0 - 63, 255. Use (adjust) keys to choose: (1) With number 255 the feature is inactive. (2) Other numbers determine the start channel. (3) Set the volume level as desired before exiting the installer menu. 13 HOSPITAL MODE Not used in Concierge-series TVs. Leave at default setting 0. 14 CHAN LOCK (Channel Lock) When set to 1 the CHAN LOCK is ideal if a cable box (or similar) is the sole source for programming--and the TV must always be on the same channel.

Changing channels with the Channel up/down or or keypad numbers is impossible. Channel Lock is inactive when set to 0 (default). Generally, this feature is used in connection with START CHAN/VOL (line 11) where the start channel may, for example, be set to 3 or 4. If the start channel is 3 then the TV will remain on channel 3. NOTE: When channel lock is active AUTO PROGRAM and CH. ADD/DEL in the SETUP MENU are not active. 15 GHOST CH. (Ghost Channel) When set to 1, the current channel number is displayed in the upper right corner of the CRT. The number moves slightly to prevent damage to the screen. The default is "0" or OFF.

NOTE: When captions are on, the "ghost channel" is not displayed. 16 SCAN MODE Allows variation in setting the On/Off with Channel UP/DOWN. You may opt for TV channels only; TV channels + Off/ON; TV channels + FM radio; TV channels + FM radio + Off/On with these settings for Scan Mode: Scan mode 0 1 Characteristics Channel up/down keys change channels only. Channel down below the lowest channel (or channel up higher than the highest) and TV turns off. Channel down below the lowest channel (or up higher than the highest) and TV goes to FM 24 FEATURE LEVEL (Note: Leave set to 1 otherwise the TV cannot be operated unless a Zenith private label remote is used.

) Set to 1 for default Zenith IR Code recognition. Set to 0 for Zenith Private Label IR Code recognition. Installer should leave item 24 FEATURE LEVEL set to 1 (default). Items 25-60 are service-type adjustments and only qualified technicians having specialized test equipment should access them. radio. Channel down below lowest FM station (or Channel up higher than the highest) and TV channels return 3 Channel down below the lowest channel (or up higher than the highest) and TV goes to FM radio. Press channel down below lowest FM station (or Channel up higher than the highest) and TV turns off. 17 TEXT MODE Determines whether TEXT 1, TEXT 2, TEXT 3, and TEXT 4 decoding is enabled when CAPTIONS are turned on (either from the Setup Menu or directly with CC on the remote). When set to 0, only Caption 1, Caption 2, Caption 3, and Caption 4 are accessible. When set to 1, Caption 1, Caption 2, Caption 3, and Caption 4 AND Text 1, Text 2, Text 3, and Text 4 are accessible. TIP: Set Text Mode to 1 only if text is offered in your video system. 18 SLEEP TIMER When set to 1, a patient may use the SLEEP TIMER feature. When set to 0, the sleep timer is not available. 19 ALARM Gives you the option of making the alarm function available to the end-user. Set to 1, alarm function is available.

Set to 0 to withhold this function. 20 CH. OVER RIDE (Channel Override) When set to 1, the user is allowed to select channels with either Channel up/down or by direct keypad entry.

When set to 0, only those channels that are entered in the active channel bank may be selected. 21 OLD OCV (On Command VideoTM) Set to 1 for operation with systems from On Command Corporation. 22 CAPTION LOCK Set to 1 to restore previous caption On/Off state after TV turns off when set to 0, captions are always off when TV is initially turned on. 23 FUNCTION PRE Set to 0 to suppress channel prev function with some pay per view systems. 2 206-3600 PAGE 35 LT2000 Cloning Procedures Teach Other TV Typical MPI Connections TV back Antenna Learn Master TV Use the Zenith LT2000 QuickSet II "Clone" Programmer to copy the setup from a "master" TV then quickly transfer the setup to duplicate TVs must be the same model number as the master TV THE CLONE HAS CONTROL OF THE TV THE CLONE IS VERSION THE TV IS VERSION THE SW IS REVISION XX XX XX Typical MPI Connections TV back Antenna RIGHT LEFT RIGHT LEFT RF coaxial wire (75ohm) ANTENNA CABLE COMPUTER AUDIO INPUT RF coaxial wire (75 ohm) R- AUDIO- L ANTENNA CABLE COMPUTER AUDIO INPUT R- AUDIO- L S-VIDEO INPUT LOOP OUT - S-VHS - IN M.P.I.

M.P.I. S-VIDEO INPUT LOOP OUT - S-VHS - IN AUX INPUT VIDEO R -AUDIO- L AUX INPUT VIDEO R -AUDIO- L CLONE CLOCK TV CLOCK = XX:XX = XX:XX -PRESS ANY KEY TO CONTINUE. ® -DISCONNECT CLONE WHEN DONE.

® QuickSet II Programmer LT2000 QuickSet II Programmer LT2000 Clone Controlling TV Display Clone Clone The optional QuickSet II Clone Programmer (LT2000) allows custom setup and programming information to be quickly copied from a master TV into multiple identical television sets. Once learned from the master, setup data is retained in the LT2000 for future use. When using the LT2000, cloning operations will go easier if the TV set is connected to a good quality signal and operating with a stable picture displayed. To operate the LT2000, use the indicated keys on an HP602, LP702, or MBR3447 remote, or the front panel keys on the TV receiver. Before you begin.

.. · The "master TV" should be connected to a good, stable signal from an over-the-air antenna or cable service and turned on. · Teaching and Learning is only possible between identical model Zenith TVs. (However, the Clone programmer can store 4 different master TV setups.) WARNING: Copying a blank or incorrect memory into a TV will cause the TV to operate erratically or become inoperable. · Use a Zenith MBR Remote like the MBR3447 or the TV front panel controls to operate Learning and Teaching menus. · Make sure that the batteries in the Clone programmer are fresh. · If the batteries are removed, the Clone Clock time will be lost. · Decide if you want to set the time from the Clone programmer or copy the time to the Clone programmer; from a TV which has the clock set to the current time.

· TVs chassis series with the numbers 34, 35, and 50 included in their model numbers (model numbers are on the TV's back) require an additional special procedure to set up Channel Labels. (See next page.) · Follow the connection diagrams above to connect the Clone to a master TV and, after learning is complete, to another TV to "teach" it the setup. · Setting the time and transferring it to the Clone or another TV is a separate procedure. · Once a TV's setup is copied to another TV, that TV needs to be disconnected from power for about 5 seconds to activate the newly copied setup. · See Troubleshooting to solve problems. A. Set Up a Master TV Using a Zenith Multi-Brand remote like the MBR3447, set up a "Master" TV with custom settings and features as described in the master TV's operating guide. (If the TV Model number includes 34, 35, or 50, do not set up Channel Labels at this time.) The master TV's Setup is what you will copy to the Clone Programmer and transfer to TVs of the same model so they will operate identically.

B. Connect Clone to Master TV If there is a good connection, the "Clone has Control of TV" message will appear. (See menu above.) A slow flashing green light indicates there is a problem with the communications between the TV and the programmer. In this case, check for a damaged cable, poor contacts, or other connection troubles.

If the status indicator is red, the programmer batteries are low and should be replaced. Use 4 good-quality alkaline AA batteries. PAGE 36 206-3489-O LT2000 Cloning Procedures Typical Edit Channel Labels on-screen menus THE CLONE HAS CONTROL OF THE TV THE CLONE IS VERSION THE TV IS VERSION THE SW IS REVISION XX XX XX CLONE SELECTION MENU (1) LEARN FROM TV (2) TEACH TO TV (3) SET CLONE CLOCK FROM TV (4) SET TV CLOCK FROM CLONE (5) DISPLAY TV SETUP (6) DISPLAY CLONE SETUP (7) EDIT CHANNEL LABELS (8) SEND CHANNEL LABELS -TO CHANGE MENU ITEMS, PRESS CHANNEL KEYS OR DIGITS. -TO EXECUTE ITEM, PRESS ON/OFF, POWER, OR ENTER SELECT CLONE MEMORY CONTAINING THE LABELS TO BE EDITED. (1) CHANNEL LABELS FOR MEMORY (2) CHANNEL LABELS FOR MEMORY (3) CHANNEL LABELS FOR MEMORY (4) CHANNEL LABELS FOR MEMORY (5) RETURN TO CLONE MENU -TO CHANGE MENU ITEMS, PRESS CHANNEL KEYS OR DIGITS.

*-TO EXECUTE ITEM, PRESS ON/OFF, POWER, OR ENTER. 1 2 3 4 Editing Channel Label Number EDIT CHANNEL LABELS FOR MEMORY 1 LABEL 1: LAB 1 FOR CHANNEL - - - *EDITING LABEL NUMBER* -VOL TO SELECT ITEM TO EDIT -CH UP/DOWN CHANGE ITEM VALUE -MUTE TO CLEAR THIS PROG. LABEL -CC TO CLEAR ALL PROG. LABELS -PRESS ENTER TO STORE THIS LABEL -PRESS POWER OR ON/OFF WHEN DONE CLONE CLOCK= TV CLOCK= XX:XX XX:XX -PRESS ANY KEY TO CONTINUE. -DISCONNECT CLONE WHEN DONE. EDIT CHANNEL LABELS FOR MEMORY 1 EDIT CHANNEL LABELS FOR MEMORY 1 CLONE SELECTION MENU (1) LEARN FROM TV (2) TEACH TO TV (3) SET CLONE CLOCK FROM TV (4) SET TV CLOCK FROM CLONE (5) DISPLAY TV SETUP (6) DISPLAY CLONE SETUP (7) EDIT CHANNEL LABELS (8) SEND CHANNEL LABELS -TO CHANGE MENU ITEMS, PRESS CHANNEL KEYS OR DIGITS. -TO EXECUTE ITEM, PRESS ON/OFF, POWER, OR ENTER SEND SELECTED CHANNEL LABEL MEMORY TO TV (1) CHANNEL LABELS FOR MEMORY (2) CHANNEL LABELS FOR MEMORY (3) CHANNEL LABELS FOR MEMORY (4) CHANNEL LABELS FOR MEMORY (5) RETURN TO CLONE MENU -TO CHANGE MENU ITEMS, PRESS CHANNEL KEYS OR DIGITS. -TO EXECUTE ITEM, PRESS ON/OFF, POWER, OR ENTER. 1 2 3 4 LABEL 1: WYC 1 FOR CHANNEL - - - LABEL 1: WABC FOR CHANNEL 20 *EDITING LABEL CONTENT* -VOL TO SELECT ITEM TO EDIT -CH UP/DOWN CHANGE ITEM VALUE -MUTE TO CLEAR THIS PROG. LABEL -CC TO CLEAR ALL PROG.*

*LABELS -PRESS ENTER TO STORE THIS LABEL -PRESS POWER OR ON/OFF WHEN DONE *EDITING CHANNEL NUMBER* -VOL TO SELECT ITEM TO EDIT -CH UP/DOWN CHANGE ITEM VALUE -MUTE TO CLEAR THIS PROG. LABEL -CC TO CLEAR ALL PROG. LABELS -PRESS ENTER TO STORE THIS LABEL -PRESS POWER OR ON/OFF WHEN DONE Editing Channel Label Content Editing Channel Number C. Learn Setup from Master TV Press 1 to select the "Learn From TV" option, then press ON/OFF, POWER, or ENTER to go to the Memory Bank Selection Menu.*

Pick the Memory "Bank" (1, 2, 3, or 4) you want to store this Master TV's Setup in by pressing either Channel key repeatedly to pick Memory 1, 2, 3, or 4. (If you choose a Memory "Bank" that already has a master TV's setup already in it, it will be overwritten by this Master TV's setup.) Once the Clone memory bank is selected, press ON/OFF, POWER, or ENTER. The Clone memory bank you have selected will be shown. Press ON/OFF or POWER to begin copying the master TV's setup. set the Master TV's clock by copying the time from the Clone programmer.

) The Clone Programmer can copy the current time to both a master TV and to the Clone's internal clock; accurate to within one minute. (Another reason that the Clone programmer should be equipped with fresh, high-quality alkaline batteries is for it to keep the time as accurately as possible.) Since the Clone Programmer's time cannot be set directly, the time needs to be copied from a Zenith TV equipped with MPI input capability. Once the time is copied to the Clone programmer, the current time can then be transferred to another TV. (This can be a Master TV, or another TV which has had the features already set up.

) Ca. 34, 35, 50 Chassis Series TVs Special Edit Channel Labels Feature Use the Clone's EDIT CHANNEL LABELS option to create channel labels for the master TV. (It may be helpful to create a list of the available channels and write them down on paper. Alongside the channels numbers, write in your custom labels. See the Edit Channel Labels menus on the previous page.

With the Clone Selection Menu on-screen, press 7, then ENTER to go to the Channel Labels Edit Menu. Edit the channel labels by following the on-screen instructions. When finished go back to the Clone Selection Menu and choose (8) SEND CHANNEL LABELS, then press ON/OFF, POWER, or ENTER. Pick the Clone memory bank where the channel labels will be stored. (Should be the same Clone memory bank 1, 2, 3, or 4 where you want to store the same TV setup.) Cb. Set the Clock (Optional) Set the time on the Master TV's Clock. (If the time has already been copied from another TV into the Clone programmer, you can D. Teach Master TV's Setup to Other TV Once Learning is complete, remove the MPI cable from the master TV and connect it to the TV that you want to copy the master TV's setup to. With the "TV is Controlled by Clone" message displayed, press 2 or use either Channel key to go to the "Teach to TV" option, press ON/OFF, POWER, or ENTER.

Follow on-screen instructions to transfer the Setup and other information to the "Learning" TV. After the "Teach to TV is Complete" message is displayed, press any key to return to the Clone menus option, then press ON/OFF, POWER, or ENTER. If finished, remove MPI cable from the TV. E. Disconnect TV Power for 5 Seconds Remove the TV power cord of the newly "Cloned TV" from the power outlet for about 5 seconds to activate the newly copied setup. 206-3600-O PAGE 37 LT2000 Cloning Troubleshooting Operation Notes Disconnect the Clone from the TV when you are finished; automatically switching it off. The real-time clock continues to run when the main circuits are switched off. The LT2000 programmer is designed to be used with TVs containing the 221-01006 and later processors. Use with earlier TV sets may give unpredictable results. The specific microprocessor used in any TV set may be determined by activating the Installer Menu.

The microprocessor part number appears at the top of the screen when the Installer Menu is activated. Processors before the 221-01006-04 have a limited screen display capability. They can not display entire screens as shown in the quick setup instructions accompanying the LT2000 clone programmer. Use the printed menu illustrations on the quick setup sheet supplied with the Clone as an aid to making your programming choices. (Although the menus are not all displayed, the clone functions all operate normally.

) Reset Clone After Static Shock After replacing exhausted batteries, or if the programmer behaves strangely after a static shock, use a paper clip or similar instrument inserted through the small hole marked "RESET" to activate the internal reset switch and restore normal operation. After a reset, check the real-time clock setting. It may be necessary to reset the Clone Programmer clock from a TV containing the correct time. Troubleshooting Problem Clone Programmer LED does not blink. Possible Cause(s) Possible Solution(s) · MPI cord not connected.

· TV not turned on. · Weak batteries. · Weak signal. -Connect MPI cord. -TV must be on for clone to work. -Install 4 fresh AA high-quality alkaline batteries. -Connect TV to a reliable signal source. Clone menu hard to read. No time set. · No time on Master TV.

-Set time on master TV, copy time to Clone Programmer. Master and Other TVs Cloning did not work. · Procedure interrupted. · Different TV models. · Batteries were removed. · Saved to other memory. -Wait until procedure complete message is displayed. -Cloning is only possible with identical model TVs. -Batteries must remain installed to retain time settings. -Must save channel labels to same memory bank as master TV setup.

-Disconnect newly cloned TV from power for 5 seconds. Clone time disappeared. Channel Labels not present on cloned TV. New Setup not present. · TV not reset.

When cloning operations are complete, just unplug the LT2000 from the TV. If the TV does not display a picture (blank screen) after a few seconds, just change channels. PAGE 38 206-3600-O Maintenance Routine TV cabinet and screen cleaning Careful and regular cleaning can extend the the useful service life of the TV. Be sure to turn the power off and disconnect the power cord from the wall socket before you begin any cleaning. Screen Cleaning 1.

Here's a great way to keep the dust off the screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish-washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen. 2. Make sure the excess water is off the screen, and then let it air-dry before turning it on. Cabinet Cleaning 1. Use a soft cloth with a mild soap solution to wipe the cabinet. (Avoid using any harsh, industrial strength variety of cleaner.) 2. Rinse the cloth and wipe the cabinet again.

3. Let the cabinet air-dry before turning the TV on. Wood Cabinet Use a quality wood cleaner and polish. This will protect the TV from dirt and dust, as well as keep the cabinet looking new. Minimal Usage If the TV is to be left dormant for a long time, it's a good idea to unplug the power cord and disconnect the off-air-antenna (if used) to protect against possible damage from lightning or power surges. If you unplug the TV, you may have to reset the clock using the Clock Set menu described earlier.