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Toshiba 19L4200UOM User Manual

Integrated high definition led television

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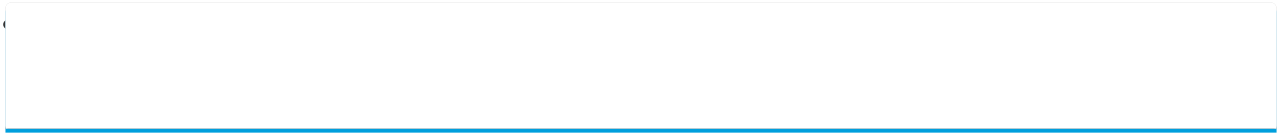

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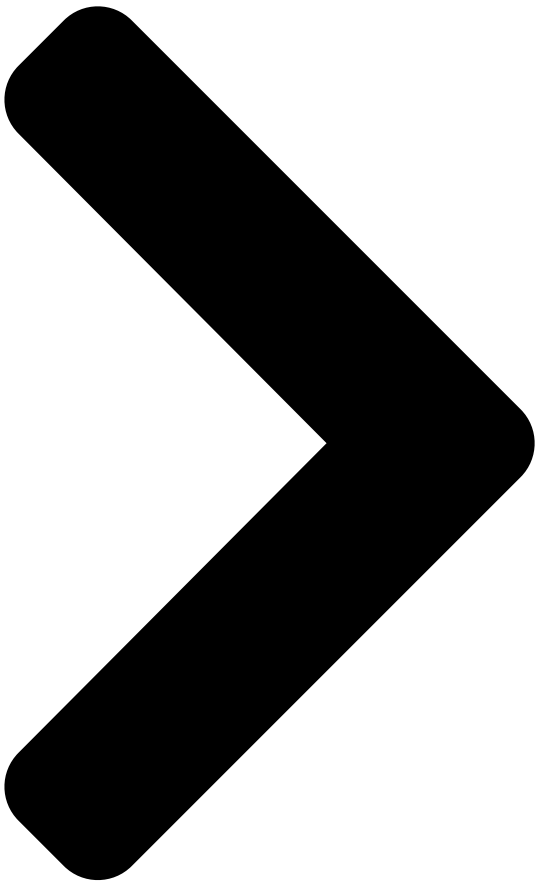

Integrated High Definition LED

TOSHIBA

Leading Innovation

Television

19L4200U

24L4200U

32L4200U

If you need assistance:

Toshiba's Support Web site

Call Toshiba Customer Support Center:

Within the United States at (800) 631-3811

Outside the United States at (949) 583-3050

For more information, see

Owner's Record

The model number and serial number are on the back and side of your TV. Record these numbers in the spaces below. Refer to these numbers whenever you

communicate with your Toshiba dealer about this TV

Model number: _____

Serial number: _____

Note: To display a High Definition picture, the TV must be receiving a High Definition signal (such as an over-the-air High Definition TV broadcast, a High Definition digital cable program, or a High Definition digital satellite program). For details, contact your TV antenna installer, cable provider, or satellite provider

User's Guide:

40L5200U

46L5200U

50L5200U

support.toshiba.com

"Troubleshooting" on page 120
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Related Manuals for Toshiba 19L4200UOM

LED TV Toshiba 19L4200U User Manual

Integrated high definition led television (141 pages)

TV Toshiba 24L4200U User Manual

Integrated high definition television (141 pages)

Laptop Toshiba 24L4200U Product Specification

Detailed product specification (4 pages)

TV Toshiba 46L5200U Specifications

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HDTV Toshiba 40L5200U Specifications

Specifications (2 pages)

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TV Toshiba 40L5200U Energy Manual

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LED TV Toshiba 32L4200U Energy Manual

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LED TV Toshiba 19SL400U Datasheet

720p hd led tv (2 pages)

LED TV Toshiba Digital 19EL93 Series Owner's Manual

(41 pages)

LED TV Toshiba 58UL2B63DB Quick Start Manual

(17 pages)

Summary of Contents for Toshiba 19L4200UOM

Page 1 The model number and serial number are on the back and side of your TV. Record these numbers in the spaces below. Refer to these numbers whenever you communicate with your Toshiba dealer about this TV Model number: _____ Serial number: _____...

Page 2 Dear Customer, CHILD SAFETY: Thank you for purchasing this Toshiba LED TV. This manual will help you use the many exciting features of your new LED TV. Before operating your LED TV, It Makes A Difference How and Where You Use Your Flat carefully read this manual completely.

Page 3 Important Safety Instructions glass and a toxic liquid. If the liquid comes in contact with your mouth or eyes, or your skin is 1) Read these instructions. cut by broken glass, rinse the affected area 2) Keep these instructions. thoroughly with water and contact your doctor immediately.

Page 4 27) The product shall not be exposed to dripping or For better performance and safer operation of your splashing, and that no objects filled with liquids, TOSHIBA TV, follow these recommendations and such as vases, shall be placed on the apparatus. precautions:...

Page 5 If To Display your LED TV using a Wall Bracket: these sounds become frequent or continuous, unplug the power cord and contact a Toshiba If you decide to wall mount your LED TV, always use a Authorized Service Provider.

Page 6 Removing the Pedestal Stand 40”/46”/50” TV 1) Carefully lay the front of the unit face down on a VESA Mounting Pattern flat, cushioned surface such as a quilt or blanket. Leave the stand protruding over the edge of the surface. Note: Extreme care should always be used when removing the pedestal stand to avoid damage to the LCD panel.

Page 7 This is a structural property of LCD Caution: Changes or modifications to this equipment technology, is not a sign of malfunction, and is not not expressly approved by Toshiba could void the covered under your warranty. Such pixels are not user's authority to operate this equipment.

Page 8 GameTimer, SurfLock are trademarks or registered laws, this guide cannot be reproduced in any form without trademarks of Toshiba America Information Systems, the prior written permission of Toshiba. No patent liability Inc. and/or Toshiba Corporation. is assumed, however, with respect to the use of the information contained herein.

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Page 13 Contents Sorting photo or music files .....106 Setting the sleep timer .....107 Automatic Power Down .....108 No Signal Power Down .....108 Using HDMI ® -CEC.....109 HDMI ® -CEC playback device (DVD player, etc.) control.....109 Other HDMI ® -CEC functions .....111 Setting up HDMI ®...

Page 14 Contents Appendix A: Specifications.....126 Television system .....126 Channel coverage.....126 Power source.....127 Power maximum current .....127 Power consumption.....127 Audio power.....127 Speaker type .....128 Video/audio terminals .....128 Video/audio input.....128 ColorStream ® (component video) HD input.....128 HDMI ® input .....128 Digital audio output.....128 PC input 128

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Page 15: Chapter 1: Introduction

Chapter 1 Introduction Safety icons This manual contains safety instructions that must be observed to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data. These safety cautions have been classified according to the seriousness of the risk, and icons highlight these instructions as follows: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Page 16: Features

Features Features The following are just a few of the many exciting features of your new Toshiba wide screen, integrated HD, LED TV: Integrated digital tuning (8VSB ATSC and QAM)—Eliminates the need for a separate digital converter set-top box (in most cases).

Page 17: Overview Of Installation, Setup, And Use

Place the TV far enough from walls and other objects to allow proper ventilation. Inadequate ventilation may cause overheating, which will damage the TV. THIS TYPE OF DAMAGE IS NOT COVERED UNDER THE TOSHIBA WARRANTY. Do not plug in any power cords until after you have connected all cables and devices to your TV.

Page 18: Tv Front And Side Panel Controls And Connections

Introduction TV front and side panel controls and connections Program channels into the TV's channel memory, see "Auto Tuning" on page For details on using the TV's features, see chapters 6 and 7. For help, refer to "Troubleshooting" on page 120.

Page 19: Tv Back Panel Connections

Introduction TV back panel connections POWER—Turns the TV On/Off. If the TV stops responding to the buttons on the remote control or TV control panel and you cannot turn off the TV, press and hold the POWER button on the TV control panel for a few seconds to reset the TV. / / / ARROWS —When a menu is onscreen, these...

Page 20

Introduction TV back panel connections Power Cord (Sample Illustration) L5200U Series back panel connections PC IN—Connects a personal computer. ® HDMI IN—High-Definition Multimedia Interface input receives digital audio and uncompressed digital video from an ® HDMI device or uncompressed digital video from a DVI ®...

Page 21: Chapter 2: Connecting Your Tv

Chapter 2 Connecting Your TV Overview of cable types Before purchasing cables, know the connector types your devices require. You can purchase cables from most stores that sell audio/video devices. Coaxial (F-type) cable (Sample Illustration) Coaxial cable Coaxial (F-type) cable connects your antenna, cable TV service, and/or cable converter box to the ANT/CABLE input on your TV.

Page 22: Standard A/V Cables (Red/White/Yellow)

Component video cables come in sets of three and connects with ® video devices with component video output. (ColorStream Toshiba's brand of component video.) These cables are typically color-coded red, green, and blue. Separate audio cables are required for a complete connection.

Page 23: Optical Audio Cable

Connecting Your TV Overview of cable types NOTE HDMI ® cables provide the best audio and picture quality. Optical audio cable (Sample Illustration) Optical audio cable ® Optical audio cable connects receivers with Dolby Digital or PCM (pulse-code modulation) optical audio input to the TV's Digital Audio Out terminal, see "Connecting a digital audio system"...

Page 24: Connecting A Vcr, Antenna, Cable Tv, Or Camcorder

Connecting Your TV Connecting a VCR, antenna, cable TV, or camcorder Connecting a VCR, antenna, cable TV, or camcorder Camcorder From Cable TV Cable box or antenna AUDIO VIDEO CH 3 CH 4 TV back panel Stereo VCR VIDEO AUDIO from CH 3 CH 4...

Page 25: Connecting A Dvd Player With Colorstream ® (Component Video), And A Satellite Receiver

Connecting Your TV ® Connecting a DVD player with ColorStream (component NOTE When you use a cable box, you may not be able to use the remote control to program or access certain features on the TV. When you use ColorStream ®...

Page 26 Connecting Your TV ® Connecting a DVD player with ColorStream (component NOTE ColorStream ® and composite video cables cannot be connected simultaneously. TV back panel DVD player COMPONENT VIDEO AUDIO OUT TV back panel Satellite Receiver AUDIO VIDEO COMPONENT VIDEO Satellite S-VIDEO (Sample Illustration) L5200U Series—Satellite receiver with...

Page 27 Connecting Your TV ® Connecting a DVD player with ColorStream (component If your DVD player or satellite receiver does not have component video, connect a standard A/V cable to the AUDIO/VIDEO terminal. If your DVD player has ® HDMI video, see “Connecting an HDMI®...

Page 28: Connecting An Hdmi® Or Dvi Device To The Hdmi® Input

Connecting Your TV Connecting an HDMI® or DVI device to the HDMI® input Connecting an HDMI ® or DVI device to the HDMI ® input ® The HDMI input on your TV receives digital audio and ® uncompressed digital video from an HDMI source device, or uncompressed digital video from a DVI (Digital Visual Interface) source device.

Page 29 Connecting Your TV Connecting an HDMI® or DVI device to the HDMI® input TV back panel Playback device ® (Sample Illustration) L5200U Series—HDMI connections ® To view the HDMI device video: Select HDMI 1, HDMI 2, or HDMI 3 (for L5200U Series) video input source on the TV.

Page 30 Connecting Your TV Connecting an HDMI® or DVI device to the HDMI® input For more information, see “Setting the HDMI® audio mode” on page 55 TV back panel Playback device (Sample Illustration) L4200U Series—DVI connections TV back panel Playback device (Sample Illustration) L5200U Series—DVI connections...

Page 31: Hdmi ® -Cec Connection

Connecting Your TV HDMI®-CEC connection NOTE To ensure that the HDMI ® or DVI device is reset properly: When turning on your electronic components, turn on the TV ® first, and then the HDMI or DVI device. When turning off your electronic components, turn off the HDMI ®...

Page 32 This feature uses the CEC technology as regulated by the ® HDMI standard. This feature is limited to models incorporating Toshiba’s ® HDMI -CEC. However, Toshiba is not liable for those operations. Refer to the individual instruction manuals for compatibility information.

Page 33: Connecting A Digital Audio System

Connecting Your TV Connecting a digital audio system Connecting a digital audio system ® The TV’s DIGITAL AUDIO OUT terminal outputs a Dolby Digital or 2-channel down-mixed PCM (pulse-code modulation) signal for use with an external Dolby Digital decoder or other external audio system with optical audio input.

Page 34 Connecting Your TV Connecting a digital audio system Press the (/ arrow) buttons to select Digital Output Format. arrow) buttons to select either Dolby Digital or Press the (/ PCM, depending on your device, see “Audyssey ABX™” on page (Sample Image) Audio Setup screen - Done To save the new settings, highlight Done, and then press the...

Page 35: Connecting An Analog Audio System

Connecting Your TV Connecting an analog audio system Connecting an analog audio system This connection allows you to use external speaker with an external analog audio amplifier to adjust the level. You will need standard audio cables. TV back panel Audio system (Sample Illustration) L4200/L5200U Series—Connecting an analog audio system...

Page 36 Connecting Your TV Connecting a computer TV back panel PC audio cable Computer PC audio output Conversion adaptor (if necessary) (Sample Illustration) L4200U Series Computer connections TV back panel PC audio cable Computer PC audio output Conversion

adaptor (if necessary) (Sample Illustration) L5200U Series Computer connections...

Page 37: Connection To The Tv's Hdmi ® Terminal

Connecting Your TV Connecting a computer To use a computer, set the monitor output resolution on the computer before connecting it to the TV. The supported signal formats are VGA, SVGA, XGA, WXGA and SXGA. For detailed signal specifications, see “Acceptable signal formats for PC IN, HDMI®”...

Page 38 Connecting Your TV Connecting a computer TV back panel PC audio cable Computer PC audio output HDMI ® to DVI adapter cable ® (Sample Illustration) L4200U Series Connections to HDMI terminal TV back panel PC audio cable Computer PC audio output HDMI ®...

Page 39 Connecting Your TV Connecting a computer The supported signal formats are VGA, SVGA, XGA, WXGA, SXGA, 480i (60Hz), 480p (60Hz), 720p (60Hz), 1080i (60Hz), and 1080p (24Hz/60Hz). For signal specifications, see “Acceptable signal formats for PC IN, HDMI®” on page 130.

Page 40: Chapter 3: Using The Remote Control

Chapter 3 Using the Remote Control Installing batteries To install batteries: Remove the battery cover from the back of the remote control. Squeeze tab and lift cover (Sample Illustration) Removing the remote back cover Insert two AAA batteries, corresponding to the (+) and (-) markings on the battery compartment.

Page 41: Remote Control Effective Range

Using the Remote Control Remote control effective range NOTE Be sure to use AAA size batteries. Dispose of batteries in a designated disposal area. Always consider the environment when disposing of batteries. Always follow applicable laws and regulations. If the remote does not operate correctly, or if the operating range is reduced, replace the batteries.

Page 42: Learning About The Remote Control

Using the Remote Control Learning about the remote control Learning about the remote control The buttons used for operating the TV are described below. For the ® HDMI -CEC remote control functions, see “HDMI®-CEC playback device (DVD player, etc.) control” on page 109.

Page 43 Using the Remote Control Learning about the remote control The POWER button turns the TV On/Off. When the TV is on, the power LED indicator on the TV front glows green. The PIC SIZE button cycles through the picture sizes, see “Selecting the picture size”...

Page 44 “Tuning channels using the Channel Browser” on page The MENU button accesses the main TV menu system. See “Navigating the menu system” on page 47 The following key functions allow you to control Toshiba ® ® HDMI -CEC compatible devices via HDMI connection.

Page 45: Chapter 4: Menu Layout And Navigation

Chapter 4 Menu Layout and Navigation Main menu layout The tables below and on the next pages provide a quick overview of your TV’s menu system. To open the Installation menus (illustrated below), press MENU on the remote control or TV control panel. Icon Item Option...

Page 46 Menu Layout and Navigation Main menu layout Icon Item Option Preferences CC Selector Launches the temporary CC Selector Base CC Mode Off/CC1/CC2/CC3/CC4/T1/T2/T3/T4 Digital CC Settings Opens the Digital CC Setup menu Input Labeling Opens the Input Labeling menu AV Input Selects ColorStream HD/Video input Menu Language English/Français/Español...

Page 47: Setup/Installation Menu Layout

Menu Layout and Navigation Setup/Installation menu layout Setup/Installation menu layout The Installation menu contains the Terrestrial and System Status menus. To open the Installation menu, press the MENU button on the remote control or TV control panel, open the Setup menu, select Installation, and then press the ENTER button.

Page 48 Menu Layout and Navigation Navigating the menu system Press the ENTER button to save your menu settings or select a highlighted item. A highlighted menu item appears in a different color in the menu. All menus close automatically if you do not make a selection within

approximately 60 seconds, except the signal meter menu, which closes automatically after a few minutes.

Page 49: Chapter 5: Setting Up Your Tv

Chapter 5 Setting up your TV Initial Setup When you first turn on or reset the TV, the Initial Setup window will appear. In the Menu Language field, press the (/ arrow) buttons to select your preferred language. arrow) buttons to select Time Zone Setup. Press the (/ Then set your desired time zone, using the (/ arrow)

Page 50

Setting up your TV Initial Setup Menu language You can choose from three different menu language settings (English, Français, and Español) for the on-screen display of menus and messages. To select the menu language: Press the MENU button and open the Preferences menu, and highlight Menu Language.

Page 51: Storing Channels In Memory (Optional)

Setting up your TV Storing channels in memory (optional) Open the Terrestrial menu, highlight Input Configuration, and then press the ENTER button. (Sample Image) Terrestrial menu - Input Configuration selection Highlight ANT/CABLE In and press the (/ arrow) buttons to select the input source (Cable or Antenna).

Page 52

Setting up your TV Storing channels in memory (optional) NOTE You must set up the ANT/CABLE input source before programming channels. See “ANT/CABLE IN” on page The automatic channel programming process will erase channels that were previously programmed into the TV’s memory.

Page 53

Setting up your TV Storing channels in memory (optional) A new set of Installation menu icons appears. Open the Terrestrial menu, highlight Channel Program to open the Start Scan window, and then press the ENTER button to begin channel programming. (Sample Image) Terrestrial menu - Channel Program selection (Sample Image) Auto tuning program channels The TV will automatically cycle through all the antenna channels,...

Page 54: Setting Channel Skip

Setting up your TV Setting channel skip Setting channel skip To prevent a channel from being viewed, you can set it to be skipped. From the Setup menu, highlight Installation, and then press the ENTER button. arrow) buttons to select Channel Options, and Press the (/ then press the ENTER button.

Page 55: Setting The Av Input Mode

Setting up your TV Setting the AV input mode NOTE Skipped channels cannot be selected with the CH arrow buttons; however, they can be accessed using the number keys on the remote control. If an encrypted channel is accidentally added to the channel list while programming channels, you can remove the unwanted encrypted (non-viewable) channel while you are channel surfing.

Page 56: Viewing The Digital Signal Meter

Setting up your TV Viewing the digital signal meter mode.) See “Connecting an HDMI® or DVI device to the HDMI® input” on page ® (Sample Image) HDMI Audio mode selection Mode: Description: When viewing the HDMI 1 input, if digital audio from the HDMI ®...

Page 57: Setting The Time Zone

Setting up your TV Setting the time zone Highlight Installation, and then press the ENTER button. A new set of Installation menu icons appears. Open the Terrestrial menu, highlight Signal Meter, and then press the ENTER button. Press the (/ / / arrow) buttons to select the antenna input and digital channel signal you wish to check.

Page 58: Resetting Factory Defaults

Setting up your TV Viewing the system status Open the System Status menu, highlight System Information, and then press the ENTER button. Press the (/ arrow) buttons to scroll through the menu bar to select Factory Defaults or Support Information. The related information appears.

Page 59: Chapter 6: Using The Tv's Features

Chapter 6 Using the TV’s features Selecting the video input source To select the video input source to view: Press the INPUT button on the remote control or TV control panel. Do one of the following: Press 0-4 (L4200U Series) or 0-5 (L5200U Series). Repeatedly press the (/ arrow) buttons on the remote control, and then press the ENTER button to change the...

Page 60 Using the TV’s features Selecting the video input source Repeatedly press the INPUT button on the remote control or TV control panel to change the input setting. The current signal source displays in the top right corner of the Input Selection screen. (Sample Image) L4200U Series Input Selection screen (Sample Image) L5200U Series Input Selection screen NOTE...

Page 61: Labeling The Video Input Sources

Using the TV’s features Labeling the video input sources ® ® If a HDMI -CEC device with HDMI switching capability ® (e.g. Audio Receiver) is connected to the HDMI input, press the INPUT button on the remote control or TV control panel repeatedly to highlight HDMI 1 or HDMI 2.

Page 62 Using the TV’s features Labeling the video input sources Video Recorder Hide (to hide an unused input in the Input Selection screen and in the Channel Browser Inputs list) NOTE If you select PC in the Input Selection screen, you can choose only “–...

Page 63 Using the TV’s features Labeling the video input sources (Sample Image) L5200U Series Input Labeling screen To save the new input labels, highlight Done, and then press the ENTER button. To revert to the factory default labels, highlight Reset and press the ENTER button.

Page 64: Tuning Channels Using The Channel Browser

Using the TV’s features Tuning channels using the Channel Browser No inputs labeled All inputs labeled (Sample Image) L5200U - Input selection screens To clear the input labels: Press the MENU button and open the Preferences menu. Highlight Input Labeling, and then press the ENTER button. Highlight Reset, and then press the ENTER button.

Page 65: Favorites Browser

Using the TV’s features Tuning channels using the Channel Browser Favorites browser The Favorites Browser allows you to quickly set up a favorite channels/inputs list that is integrated into the Channel Browser. To add a favorite channel/input: Tune to the channel or input. Press and hold the FAV button for a few seconds.

Page 66: Elements Of The Channel Browser

Using the TV’s features Tuning channels using the Channel Browser arrow) button to highlight Inputs List, and then Press the (arrow) buttons to select On or Off. press the (/ arrow) button to highlight Favorites List, and Press the (arrow) buttons to select On or Off.

Page 67 Using the TV’s features Tuning channels using the Channel Browser Channel or input currently being viewed. Channel or input that is currently highlighted in the browser. Channels stored in the History List. To toggle among the available lists: After opening the Channel Browser, press the (/ arrow) buttons to toggle through the History, ANT/CABLE, Inputs, Favorites, or ®...

Page 68: Adding And Clearing Channels And Inputs In The History List

Using the TV’s features Tuning channels using the Channel Browser Adding and clearing channels and inputs in the History List As a channel or input is tuned, the Channel Browser adds it to the History List and displays it on the right side of the Channel Browser.

Page 69: Tuning To A Specific Channel (Programmed Or Unprogrammed)

Using the TV’s features Tuning channels using the Channel Browser Tuning to a specific channel (programmed or unprogrammed) To tune analog channels: Press the Channel Number (0–9) on the remote control. For example, to select channel 125, press 1, 2, 5, and then press the ENTER button.

Page 70: Selecting The Picture Size

Using the TV’s features Selecting the picture size Press and hold the CH RTN button for a few seconds until the message “Memorized” appears on the screen. The channel has been programmed to the CH RTN button. You can then change channels repeatedly, and when you press the CH RTN button, the memorized channel will be tuned.

Page 71: Full

Using the TV’s features Selecting the picture size To select the picture size using the menus: Select Picture Size in the Theater Settings menu. Press the (/ arrow) buttons to select the desired picture size setting. Highlight Done, and then press the ENTER button. NOTE Some of the picture sizes may not be available depending on the receiving signal format (those will be grayed out in the Picture Size...

Page 72: Theaterwide 1

Using the TV’s features Selecting the picture size The Full setting is for viewing in 1080i, 1080p, and 720p program source. (Sample Illustration) Picture size - Full The edges of the picture may be hidden. TheaterWide 1 This setting is for viewing in 4:3 format programs. (Sample Illustration) Picture size - TheaterWide 1 The center of the picture remains close to its original proportion, but the left and right edges are stretched horizontally to fill the...

Page 73: Theaterwide 3

Using the TV’s features Selecting the picture size TheaterWide 3 This setting is for viewing letter box programs with subtitles. (Sample Illustration) Picture size - TheaterWide 3, letter box with subtitles The picture’s top and bottom edges are hidden*. * To view the hidden areas (such as subtitles or captions), see “Scrolling the TheaterWide®...

Page 74: Normal

Using the TV’s features Selecting the picture size (Sample Illustration) Picture size - 4:3 Some program formats will display with sidebars and/or bars at the top and bottom. Normal This setting is for viewing VGA, SVGA, XGA, WXGA, and SXGA sources. (Sample Illustration) Picture size - Normal This size is a non-stretched display.

Page 75: Scrolling The Theaterwide ® Picture (Theaterwide 2 And 3 Only)

Using the TV’s features Scrolling the TheaterWide® picture (TheaterWide 2 and 3 only) Scrolling the TheaterWide ® picture (TheaterWide 2 and 3 only) You can set separate scroll settings for the TheaterWide 2 and TheaterWide 3 modes for each input. To set the scroll settings: Press the MENU button and open the Picture menu.

Page 76: Using The Auto Aspect Feature

Using the TV’s features Using the Auto Aspect feature Using the Auto Aspect feature When this feature is set to On, the TV will automatically select the picture size when one of the following input sources is received: A 480i, 480p, 720p, 1080i digital signal from the ANT/CABLE input ®...

Page 77: Selecting The Cinema Mode

Using the TV’s features Selecting the cinema mode Selecting the cinema mode When you view a DVD (3:2 pulldown processed) from a DVD ® player connected to the VIDEO, ColorStream HD (component ® video), or HDMI inputs on the TV, smoother motion can be obtained by setting the Cinema Mode to Film.

Page 78: Adjusting The Picture

Using the TV’s features Adjusting the picture Adjusting the picture Selecting the picture mode You can select your desired picture settings from the modes described below. Mode: Description: Dynamic Bright and dynamic picture (factory setting) Standard Standard picture settings (factory setting) Movie Lower contrast for darkened room (factory setting) Designed for viewing of PC tables and documents...

Page 79: Adjusting The Picture Quality

Using the TV’s features Adjusting the picture Press the (/ arrow) buttons to select the picture mode you prefer, and then press the ENTER button. (Sample Image) Mode selections screen

Adjusting the picture quality You can adjust the picture quality (Contrast, Backlight, DynaLight™, Brightness, Color, Tint, and Sharpness.) to your personal preferences.

Page 80: Using Closed Captions

Using the TV's features Using closed captions Press the (/ arrow) buttons to select the picture quality you wish to adjust (Contrast, Backlight, DynaLight, Brightness, Color, Tint, or Sharpness), and then press the (/ arrow) buttons to adjust the setting. To save the new settings, highlight Done, and then press the ENTER button.

Page 81: Digital Cc Settings

Using the TV's features Using closed captions NOTE If the program or video you selected is not closed captioned, no captions will display onscreen. To view text, highlight T1, T2, T3, or T4. (Sample Illustration) Captions - text NOTE If text is not available in your area, a black rectangle may appear on screen.

Page 82: Cc Selector

Using the TV's features Using closed captions Press the (/ arrow) buttons to highlight the characteristic you wish to change, and then press the (/ arrow) buttons to select the format for that characteristic. To save the new settings, highlight Done, and then press the ENTER button.

Page 83: Adjusting The Audio

Using the TV's features Adjusting the audio To save the new settings, highlight Done, and then press the ENTER button. Press the EXIT button. Adjusting the audio Muting the sound Press the MUTE button to partially reduce (1/2 Mute) or turn off (Mute) the sound.

Page 84: Selecting Stereo/Sap Broadcasts

Using the TV's features Adjusting the audio Highlight Digital Audio Selector, and then press the ENTER button. (Sample Image) Sound menu - Digital Audio Selector selection Press the (/ arrow) buttons to select Audio, and then press the (/ arrow) buttons to select the desired service.

Page 85: Adjusting The Audio Quality

Using the TV's features Adjusting the audio To listen to an alternate language on an ATSC digital station (if available), highlight the Language field in step 3 above, and then press the (/ arrow) buttons to select the language you prefer. To listen to a second audio program on an analog station, if available, select SAP in step 3 above.

Page 86: Audyssey Abx

Using the TV's features Adjusting the audio Audyssey ABX™ Audyssey ABX™ technology uses sophisticated driver analysis and low frequency monitoring to extend the range and bass of small speakers. To turn on Audyssey ABX™: Press the MENU button and open the Sound menu. Highlight Audio Settings, and the press the ENTER button.

Page 87: Using The Dolby ® Digital Dynamic Range Control Feature

Using the TV's features Using the Locks menu To save the new settings, highlight Done, and then press the ENTER button. To reset the settings to the factory defaults, highlight Reset, and then press the ENTER button. Using the Dolby ®...

Page 88: Entering The Pin Code

Using the TV's features Using the Locks menu Entering the PIN code Press the MENU button and highlight the Locks menu icon. (Sample Image) Locks menu screen Press the (arrow) button to display the PIN code entry screen. The Lock System screen appears if a PIN code has not been stored.

Page 89: Forgotten Pin Code

Using the TV's features Using parental controls (for USA region) NOTE The PIN code cannot be set to " " 0000. Forgotten PIN code While the PIN code entering screen is displayed, press the INFO button four times within five seconds. The PIN code will be cleared and you can enter a new PIN code.

Page 90: Downloading An Additional Rating System

Using the TV’s features Using parental controls (for USA region) Press the (arrow) button to select On, and then press the ENTER button. (Sample Image) Locks menu - Enable Rating Blocking selection Press the (arrow) button to highlight Edit Rating Limits, and then press the ENTER button.

Page 91 Using the TV’s features Using parental controls (for USA region) To download the additional rating system, if available: Press the MENU button and highlight the Locks menu icon. Press the (arrow) button to display the PIN code entering screen. Enter your four-digit PIN code, and then press the ENTER button.

Page 92 The additional rating system is not designed, transmitted or controlled by the TV or Toshiba, nor is the availability of an additional rating system determined or controlled by Toshiba. Similarly, the rating of programs in an additional rating system is not determined, transmitted or controlled by the TV or Toshiba.

Page 93: Displaying Ratings

Using the TV’s features Using parental controls (for USA region) Independent rating system for movies: Ratings: Description and Content themes: X-rated (For adults only) NC-17 Not intended for anyone 17 and under Restricted (Under 17 requires accompanying parent or adult) PG-13 Parents Strongly Cautioned (Some material may be inappropriate for children under 13)

Page 94 Using the TV’s features Using parental controls (for USA region) Enter your four-digit PIN code, and then press the ENTER button. Press the (arrow) button to highlight Enable Rating Blocking. Press the (arrow) button to select On. Press the (arrow) button to highlight Edit Rating Limits, and then press the ENTER button.

Page 95: Unlocking Programs Temporarily

Using the TV’s features Using the input lock feature Unlocking programs temporarily If you try to tune to a program that exceeds the rating limits you have set, the TV will enter program lock mode and a warning message appears on the screen. (Sample Illustration) Warning - exceeded rating limit You can either temporarily unlock the program or select an unlocked program to watch.

Page 96: Locking Channels

Using the TV’s features Locking channels Locking channels With the Lock feature, you can lock specific channels. Locked channels can only be accessed by entering the PIN code, see “Entering the PIN code” on page To lock channels: From the Setup menu, highlight Installation, and then press the ENTER button.

Page 97: Using The Gametimer

Using the TV’s features Locking channels Using the GameTimer ® ® You can use the GameTimer to set a time limit for playing a video ® game (30–120 minutes). When the GameTimer expires, the TV enters Input Lock mode and locks out the input source for the video game device.

Page 98: Using The Pc Settings Feature

Using the TV’s features Using the PC settings feature Press the (arrow) button to select On. When the control panel is locked and any button on the control panel (except POWER) is pressed, the message “NOT AVAILABLE” appears. HDMI-CEC Setup 00:00 (Sample Illustration) Locks menu - Panel Lock selection To unlock the control panel, select Off in Step 5 in this section or...

Page 99: Setting The Pc Audio

Using the TV’s features Using the PC settings feature NOTE If a computer is not connected or there is no PC input signal, this feature will be grayed out in the Setup menu. Press the (/ arrow) buttons to select an item. Press the (/ arrow) buttons to make the appropriate adjustments.

Page 100: Using The Media Player

Using the TV’s features Using the Media Player Highlight Audio Setup, and then press the ENTER

button. Press the (/ arrow) buttons to select PC Audio, and then press the (/ arrow) buttons to select No or Yes. Yes: When viewing the PC input, the audio from the PC Audio input can be heard.

Page 101: Auto Start Function

Connect the USB device to the TV directly. Do not use a USB Hub. You must obtain any required permission from copyright owners to use copyright content. Toshiba cannot and does not grant such permission. Depending on the file size and amount in your USB storage device, it may take some time to load before content is viewable.

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Using the TV's features Using the Media Player NOTE If you repeatedly insert and remove the USB connector, the prompt may not appear. Press the (/ arrow) buttons to select Yes, and then press the ENTER button. The Media Player menu appears. (If you select No, nothing happens.) (Sample Image) Media Player - open screen NOTE...

Page 103: Viewing Photo Files

Using the TV's features Using the Media Player Viewing photo files There are three types of view modes, multi view, single view, and slide show. Multi View This view allows you to search for photos in a grid format. These pictures are displayed using thumbnail data in each image file.

Page 104: Playing Music Files

Using the TV's features Using the Media Player Press to rotate the image 90° counterclockwise. Press rotate the image 90° clockwise. Slide show This view allows you to watch a slide show of the photos. In this mode, only files located in the selected directory will be played. To use slide show: Press the ENTER button in the Single View mode.

Page 105: Viewing Photo Files And Playing Music Files At The Same Time

Using the TV's features Using the Media Player Select the desired folder and press the ENTER button to move to the next layer. Press the CH RTN button to move back to the previous layer. With the desired file selected, press the ENTER button or the PLAY button to start playback.

Page 106: Sorting Photo Or Music Files

Using the TV's features Using the Media Player Select a music file and press the ENTER button to start playback. Press CH RETURN twice to move back to photo view mode. The music is now playing in the background. Sorting photo or music files From the photos Multi View or from the music list, you can sort your photo or music folders and files.

Page 107: Setting The Sleep Timer

Using the TV's features Setting the sleep timer Contents Description Description Music Music list (Multi View) See page 104 Playback Pause Stop Skip Repeat play Sound Settings (Adjusting the audio quality) NOTE During playback, you can adjust the SOUND menu functions from the Quick Menu.

Page 108: Automatic Power Down

Using the TV's features Automatic Power Down To display the time remaining until the TV turns off, press the SLEEP button. To cancel the sleep timer, repeatedly press SLEEP until it is set to 0 minutes. Automatic Power Down The TV can be configured to automatically turn itself off after 4 hours if you do not operate the TV either from the remote control or the TV control panel.

Page 109: Using Hdmi®-Cec

A warning message will appear 1 minute before the TV turns off. Using HDMI ® -CEC This is a new feature that uses CEC technology and allows you to ® control Toshiba HDMI -CEC compatible devices from the TV ® remote via HDMI connection (see "HDMI®-CEC connection" on page 31).

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Using the TV's features Using HDMI®-CEC HDMI ® -CEC Player Control menu functions ® To control the HDMI -CEC player from the menu: Press MENU and open the Preferences menu. ® Highlight HDMI -CEC Player Control and press the ENTER button. ®...

Page 111: Other Hdmi ® -Cec Functions

Using the TV’s features Using HDMI®-CEC HDMI ® -CEC input source selection ® ® If a HDMI -CEC device with HDMI switching capability ® (e.g. Audio Receiver) is connected to the HDMI input, you can ® select another HDMI -CEC device that is connected to the master ®...

Page 112: Setting Up Hdmi ® -Cec

Using the TV’s features Displaying TV status information NOTE When you turn on the Audio Receiver, change its input source or adjust the sound volume, the sound will be output from the audio receiver’s speakers even if TV Speakers has been selected. Turn the TV off and on again to output the sound from the TV speakers.

Page 113: Understanding The Last Mode Memory Feature

Using the TV’s features Understanding the last mode memory feature Digital signal strength indicator (bar graph in lower right corner of box; for ATSC signals only) ® Stereo, Mono, or SAP audio status (when in HDMI input mode, Dolby Digital, or PCM) Video resolution Aspect ratio of incoming video signal (4:3 or 16:9) V-Chip rating status...

Page 114: Chapter 7: Using The Tv's Advanced Features

Chapter 7 Using the TV’s Advanced Features Using the advanced picture settings Dynamic Contrast Dynamic Contrast detects changes in picture quality that affect the appearance of your contrast settings and then automatically adjusts the video. To select Dynamic Contrast preference: From the Picture menu, highlight Picture Settings and press the ENTER button.

Page 115: Static Gamma

Using the TV’s Advanced Features Using the advanced picture settings Press the (/ arrow) buttons to select High, Middle, Low or Off. Static Gamma The static gamma feature lets you adjust the levels of black in the picture. To adjust the static gamma settings: Press the MENU button and open the Picture menu.

Page 116: Clearframe™ (L5200U Series)

Using the TV’s Advanced Features Using the advanced picture settings To select the color temperature: Press the MENU button and open the Picture menu. Highlight Picture Settings, and then press the ENTER button. Highlight Advanced Picture Settings, and then press the ENTER button.

Page 117: Film Stabilization (L5200U Series)

Using the TV’s Advanced Features Using the advanced picture settings Highlight Advanced Picture Settings and press the ENTER button. In the ClearFrame field, select On. To save the new settings, highlight Done and press the ENTER button. To revert to the factory defaults, highlight Reset and press the ENTER button.

Page 118: Cableclear ® Digital Noise Reduction

Using the TV’s Advanced Features Using the advanced picture settings CableClear ® digital Noise Reduction ® The CableClear digital Noise Reduction feature allows you to reduce visible interference in your TV picture. This may be useful when receiving a broadcast with a weak signal (especially a Cable channel) or playing a noisy video cassette or disc.

Page 119: Game Mode

Using the TV’s Advanced Features Using the advanced picture settings Game Mode You can use the Game Mode feature for shorter frame delays when you need split-second timing between the on-screen display and input from the controller (such as music creation and high-action games).

Page 120: Chapter 8: Troubleshooting

Troubleshooting General troubleshooting Before calling a service technician, review this chapter or visit the Toshiba technical support Web site at support.toshiba.com possible causes/solutions for the problem you are experiencing. Before you begin to troubleshoot any problem, first unplug the TV from the AC wall outlet, wait approximately one minute, and then plug the TV back into the AC wall outlet.

Page 121: Picture Problems

Troubleshooting Picture problems Other problems. If your TV’s problem is not addressed in this Troubleshooting section or the recommended solution has not worked, use the Reset Factory Defaults procedure, see “Resetting Factory Defaults” on page TV will not turn on. Ensure the power cord is plugged in properly, and then press the POWER button.

Page 122

Troubleshooting Picture problems Video Input Selection problems If the Input Selection window does not appear when you press INPUT on the remote control or TV, press INPUT a second time. This will cause a change to the next video input source and display the Input Selection window.

Page 123: Sound Problems

Troubleshooting Sound problems Scrolling text problem When slow motion video is present the units will treat any scrolling text as film and may cause a slight jitter of the scrolling text. Turning off the Film Stabilization feature will correct this issue, see “Film Stabilization (L5200U Series)”...

Page 124: Channel Tuning Problems

Troubleshooting Channel tuning problems Channel tuning problems Ensure that the remote control is set to the correct device mode, see “Learning about the remote control” on page The Auto Tuning feature may have erased the channel from memory. Add the channel to the channel memory, see “Storing channels in memory (optional)”...

Page 125: No Hdmi ® -Cec Operation

“Using the Media Player” on page 100. If the problem persists after trying the solutions Contact Toshiba at: Toshiba’s Support Web site: support.toshiba.com. For technical support, call the Toshiba Customer Support Center: Within the United States, at 800-631-3811 Outside the United States, at 949-583-3050...

Page 126: Appendix A: Specifications

Appendix A Specifications NOTE These models comply with the specifications listed below. Designs and specifications are subject to change without notice. These models may not be compatible with features and/or specifications that may be added in the future. Television system NTSC standard ATSC standard 8VSB...

Page 127: Power Source

Specifications Power source Power source 120V AC, 60 Hz Power maximum current 19L4200U 0.9 A 24L4200U 1.0 A 32L4200U 1.0 A 40L5200U 0.9 A 46L5200U 1.1 A 50L5200U 1.3 A Power consumption 19L4200U 0.6 W in Standby mode 24L4200U 0.6 W in Standby mode 32L4200U 0.6 W in Standby mode 40L5200U...

Page 128: Speaker Type

Specifications Speaker type Speaker type 19L4200U Two 3.7 x 1.06 x 0.8” 24L4200U Two 3.58 x 0.98 x 0.9” 32L4200U Two 3.93 x 1.18 x 0.78” 40L5200U Two 10.38 x 2.6 x 0.71” (Box type) 46L5200U Two 10.38 x 2.6 x 0.71” (Box type) 50L5200U Two 10.38 x 2.6 x 0.71”...

Page 129: Dimensions

Specifications Dimensions Dimensions Width 1'-5 1/2” (445.8mm) 19L4200U Height 1'-3/4” (324.5mm) Depth 7” (445.8mm) Width 1'-10 3/8” (567.52mm) 24L4200U Height 1'-2 1/4” (362.54mm) Depth 7” (177.52mm) Width 2'-5 3/8” (745.4mm) 32L4200U Height 1'-7 7/8” (505.21mm) Depth 7'-1/8” (179.52mm) Width 3'-1/2” (928mm) 40L5200U Height 2”...

Page 130: Supplied Accessories

Specifications Supplied accessories Supplied accessories Remote control with two size “AAA” batteries Resource Guide Quick Start Guide Pedestal and hardware Acceptable signal formats for PC IN, HDMI ® PC IN signal formats NOTE Depending on the connected PC, the following conditions may occur;...

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Specifications Acceptable signal formats for PC IN, HDMI® Format Resolution V. Frequency H. Frequency Pixel Clock Frequency 480p 720 x 480p 59.940 Hz 31.469 kHz 27.000 MHz 720p 1280 x 720p 60.000 Hz 45.000 kHz 74.250 MHz 1080i 1920 x 1080i 60.000 Hz

33.750 kHz 74.250 MHz...

Page 132: Appendix B: License Agreement

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This manual is also suitable for:

24l4200u32l4200u40l5200u46l5200u50l5200u19l4200u