



# Toshiba 19L4200U User Manual

Integrated high definition led television



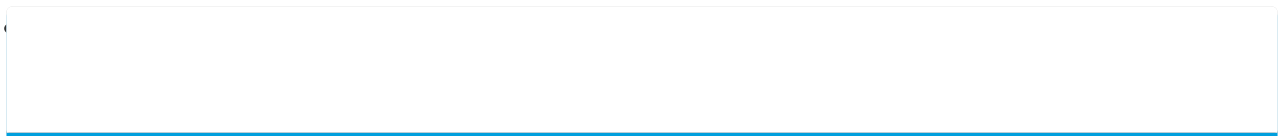
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Troubleshooting

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## Bookmarks

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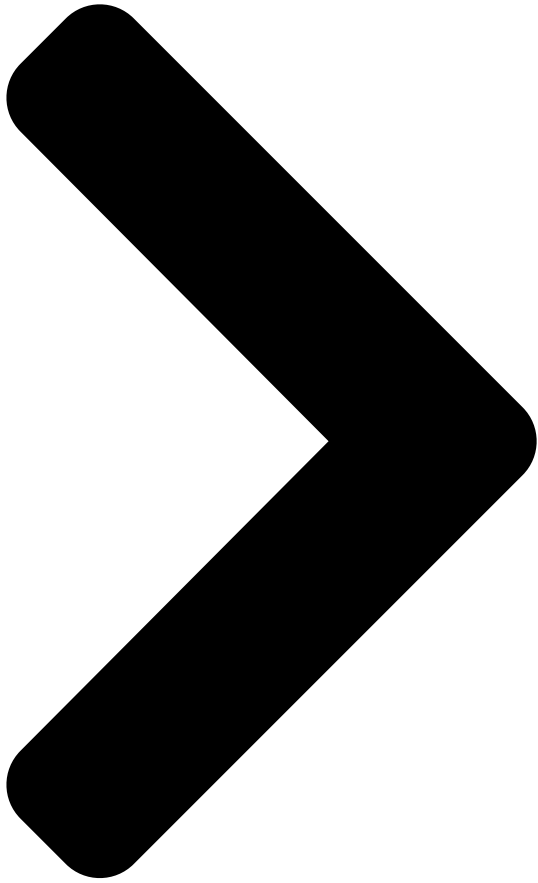
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Integrated High

Definition

**TOSHIBA**

**LED** Leading Innovation >>>

# Television

19L4200U

24L4200U

32L4200U

# TOSHIBA

## Leading Innovation >>>

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

ManualsLib.com

# User's Guide:

40L5200U

46L5200U

50L5200U

[support.toshiba.com](http://support.toshiba.com)

"Troubleshooting" on page 122  
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## Related Manuals for Toshiba 19L4200U

[LED TV Toshiba 19L4200UOM User Manual](#)

Integrated high definition led television (139 pages)

[HDTV Toshiba 19L4200U Specifications](#)

Brochure (2 pages)

[TV Toshiba 19L4200U Energy Manual](#)

Energy guide (1 page)

[TV Toshiba 24L4200U User Manual](#)

Integrated high definition television (141 pages)

[Laptop Toshiba 24L4200U Product Specification](#)

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Led hdtv (2 pages)

[HDTV Toshiba 40L5200U Specifications](#)

Specifications (2 pages)

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[LED TV Toshiba Digital 19EL93 Series Owner's Manual](#)

(41 pages)

[LED TV Toshiba 32LF221U19 Quick Setup Manual](#)

Fire tv edition 32"/43"/49" 60 hz led tv (2 pages)

## Summary of Contents for Toshiba 19L4200U

**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: Child Safety**

Dear Customer, 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, carefully read this manual completely. WARNING To prevent injury, this apparatus must be securely attached

to the floor/wall in accordance with the installation instructions.

[Page 3](#) Important Safety Instructions 1) Read these instructions. 2) Keep these instructions. 3) Heed all warnings. 4) Follow all instructions. 5) Do not use this apparatus near water. 6) Clean only with dry cloth. 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

[Page 4](#) TV top Care For better performance and safer operation of your TOSHIBA TV, follow these recommendations and precautions: 35) If you use the TV in a room whose temperature is 32° F (0° C) or below, the picture brightness may vary until the LED warms up.

### [Page 5: Display Using Wall Bracket](#)

42) During normal use, the TV may make occasional snapping or popping sounds. This is normal, especially when the unit is being turned on or off. If these sounds become frequent or continuous, unplug the power cord and contact a Toshiba Authorized Service Provider.  
WARNING: RISK OF SERIOUS...

[Page 6](#) Removing the Pedestal Stand 1) Carefully lay the front of the unit face down on a 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: Fcc Declaration Of Conformity](#)

- Consult the dealer or an experienced radio/TV technician for help. Caution: Changes or modifications to this equipment not expressly approved by Toshiba could void the user's authority to operate this equipment. ® ENERGY STAR...

### [Page 8: Trademark Information](#)

Systems, Inc. with all rights reserved. Under the copyright laws, this guide cannot be reproduced in any form without the prior written permission of Toshiba. No patent liability is assumed, however, with respect to the use of the information contained herein.

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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 "Tuning" on page For details on using the TV's features, see chapters 6 and 7. For help, refer to For technical specifications, see For the End User License Agreement, see "Agreement"...

## [Page 19: 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 buttons function as up/down/left/right menu navigation buttons.

[Page 20](#) Introduction TV back panel connections device. HDMI signals. PC/HDMI-1 (Audio) IN—PC audio input terminal is shared with an HDMI-1 analog audio input terminal, and its use can be configured in the Audio Setup menu, see "Audio" on page ANT/CABLE—Antenna input that supports analog (NTSC) and digital (ATSC) off-air antenna signals and analog and digital cable TV (QAM) signals.

[Page 21](#) Digital AUDIO OUT—Optical audio output in Dolby® Digital or PCM (pulse-code modulation) format for connecting an external Dolby Digital decoder, amplifier, or home theater system with optical audio input. ANALOG AUDIO OUT—Analog audio outputs for connecting an audio amplifier. See with ColorStream®...

## [Page 22: 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 23: 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 24: Optical Audio Cable](#)

Connecting Your TV Overview of cable types NOTE ® HDMI Optical audio cable (Sample Illustration) Optical audio cable Optical audio cable connects receivers with Dolby (pulse-code modulation) optical audio input to the TV's Digital Audio Out terminal, see page Analog RGB

(15-pin) computer cable (Sample Illustration) Analog RGB (15-pin) computer cable Analog RGB (15-pin) computer cable connects a computer to the TV's PC IN terminal, see...

### [Page 25: Connecting A Vcr, Antenna, Cable Tv, Or Camcorder](#)

Connecting a VCR, antenna, cable TV, or camcorder Connecting a VCR, antenna, cable TV, or camcorder Camcorder AUDIO VIDEO (Sample Illustration) L4200U Series—Connecting to a VCR, antenna, or cable TV or camcorder Camcorder (Sample Illustration) L5200U Series—Connecting to a VCR, antenna, or cable TV or camcorder Items needed: ♦...

### [Page 26: Connecting Dvd Player With Colorstream & Satellite Receiver](#)

Connecting Your TV Connecting DVD player with ColorStream 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 appropriately. To view the antenna or cable signal: Select ANT/CABLE video input source on the TV.\* To view basic and premium cable channels: Turn Off the VCR.

[Page 27](#) Connecting DVD player with ColorStream NOTE ColorStream simultaneously. TV back panel Satellite Receiver AUDIO VIDEO COMPONENT VIDEO Satellite S-VIDEO (Sample Illustration) L5200U Series—Satellite receiver with component video or DVD player with component video Items needed: ♦ Coaxial cables ♦ Standard AV cables If you have a mono VCR, connect L/MONO on the TV to your VCR's audio out terminal using the white audio cable only.

[Page 28](#) Connecting Your TV Connecting DVD player with ColorStream ♦ 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 to the HDMI® input” on page NOTE When you use ColorStream appropriately.

### [Page 29: Connecting An Hdmi® Or Dvi Device To The Hdmi® Input](#)

Connecting an HDMI® or DVI device to the HDMI® input Connecting an HDMI ® The HDMI input on your TV receives digital audio and uncompressed digital video from an HDMI uncompressed digital video from a DVI (Digital Visual Interface) source device. This input is designed to accept HDCP (High- Bandwidth Digital-Content Protection) program material in digital form from EIA/CEA-861-D-...

[Page 30](#) Connecting Your TV Connecting an HDMI® or DVI device to the HDMI® input TV back panel Playback device (Sample Illustration) L5200U Series—HDMI To view the HDMI Select HDMI 1, HDMI 2, or HDMI 3 (for L5200U Series) video input source on the TV. (Press the INPUT button on the remote control.

[Page 31](#) Connecting an HDMI® or DVI device to the HDMI® input For more information, see on page 56 TV back panel Playback device (Sample Illustration) L4200U Series—DVI connections TV back panel Playback device (Sample Illustration) L5200U Series—DVI connections Connecting Your TV “Setting the HDMI®...

### [Page 32: Hdmi® Cec Connection](#)

Connecting Your TV HDMI® CEC connection NOTE To ensure that the HDMI ♦ When turning on your electronic components, turn on the TV first, and then the HDMI ♦ When turning off your electronic components, turn off the HDMI NOTE EIA/CEA-861-D compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, which is being standardized for reception of...

[Page 33](#) 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. NOTE This feature may not work properly depending on the devices that are connected.

### [Page 34: 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 35](#) Press the ( / Format. Press the ( / PCM, depending on your device, see Television™” on page (Sample Image) Audio Setup screen - Done To save the new settings, highlight Done, and then press the ENTER button. To revert to the factory defaults, highlight Reset, and then press the ENTER button.

### [Page 36: 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 (Sample Illustration) L4200U/L5200U Series—Connecting an analog audio system Connecting a computer...

[Page 37](#) 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 38: 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 HDMI®”...

[Page 39](#) TV back panel Computer ® HDMI to DVI adapter cable (Sample Illustration) L4200U Series Connections to HDMI terminal TV back panel Computer HDMI (Sample Illustration) L5200U Series Connections to HDMI terminal Connecting Your TV Connecting a computer PC audio cable PC audio output PC audio cable PC audio output...

[Page 40](#) 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 signal formats for PC IN, HDMI®” on page NOTE ♦...

### [Page 41: 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 42: 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. ♦...

### [Page 43: 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 playback device (DVD player, etc.) control” on page (Sample Illustration) Remote control overview NOTE The error message “NOT AVAILABLE” may appear if you press a button for a function that is not available.

[Page 44](#) 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 45](#) Channel Browser” on page The MENU button accesses the main TV menu system. See “Navigating the menu system” on page 48 The following key functions allow you to control Toshiba HDMI® CEC compatible devices via HDMI “Using HDMI® CEC” on page 111 The STOP button stops playback of the loaded DVD or tape.

### [Page 46: 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 Picture...

[Page 47](#) Icon Item Preferences CC Selector Base CC Mode Digital CC Settings Input Labeling AV Input Menu Language Channel Browser Setup HDMI® CEC Player Control Energy Saving Settings Locks Enable Rating Blocking Edit Rating Limits Input Lock Panel Lock GameTimer New PIN Code Setup Installation HDMI®...

### [Page 48: 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 49](#) 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 50: 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 ( / select your preferred language. Press the ( / Then set your desired time zone, using the ( / buttons and press the ENTER button.

[Page 51](#) 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. Press the ( / arrow) buttons to select your preferred language.

### [Page 52: 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 ( / to select the input source (Cable or Antenna). (Sample Image) Input Configuration screen To save your new settings, highlight Done, and then press the ENTER button.

[Page 53](#) Storing channels in memory (optional) NOTE ♦ You must set up the ANT/CABLE input source before programming channels. See ♦ The automatic channel programming process will erase channels that were previously programmed into the TV's memory. ♦ To tune the TV to a channel not programmed in the channel memory, you must use the Channel Number buttons on the remote control.

[Page 54](#) 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 55: 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. Press the ( / then press the ENTER button. The list of channels appears. (Sample Illustration) List of channels Press the ( / be skipped, and then press the ENTER button.

### [Page 56: 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 57: Viewing The Digital Signal Meter](#)

mode.) See HDMI® input" on page (Sample Image) HDMI Mode: Description: When viewing the HDMI 1 input, if digital audio from the HDMI Auto input is available, it will be output. If not, the

TV will automatically detect and output analog audio from the PC Audio input. When viewing the HDMI 1 input, digital audio from the HDMI Digital input will be output.

### [Page 58: 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 ( / / and digital channel signal you wish to check.

### [Page 59: Resetting Factory Defaults](#)

Open the System Status menu, highlight System Information, and then press the ENTER button. Press the ( / to select Factory Defaults or Support Information. The related information appears. To close the screen and return to the Installation menu: ♦ Highlight Done in the Support Information screen, and then press the ENTER button.

### [Page 60: 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). ♦...

[Page 61](#) ♦ 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 HDMI 3 (Sample Image) L5200U Series Input Selection screen NOTE...

### [Page 62: Labeling The Video Input Sources](#)

Using the TV's features Labeling the video input sources If a HDMI® CEC device with HDMI (e.g. Audio Receiver) is connected to the HDMI INPUT button on the remote control or TV control panel repeatedly to highlight HDMI 1 or HDMI 2. If the connected CEC device has any connected devices, a separate device selection pop-up window appears: (Sample Illustration) HDMI...

[Page 63](#) ♦ 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 “-”, “Game Console”, or “Hide” as the label. To label the video input sources: Press the MENU button and open the Preferences menu.

[Page 64](#) Using the TV's features Labeling the video input sources 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. Input labeling example: The screen below left shows the default Input Selection screen (with none of the inputs labeled as a specific device).

### [Page 65: Tuning Channels Using The Channel Browser](#)

Tuning channels using the Channel Browser Tuning channels using the Channel Browser The Channel Browser provides an easy navigation interface for all your channels and inputs. This feature allows you to: ♦ Navigate and select entries. ♦ Keep a list of your favorite channels, see on page ♦...

### [Page 66: 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 67: Elements Of The Channel Browser](#)

Tuning channels using the Channel Browser Press the ( / Press the ( / Press the ( then press the ( / Press the ( and then press the ( / NOTE HDMI® CEC List is automatically grayed out and set to Off when Enable HDMI®...

[Page 68](#) 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 ( / to toggle through the History, ANT/CABLE, Inputs, Favorites, or HDMI®...

### [Page 69: Adding And Clearing Channels And Inputs In The History List](#)

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 70: 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 71: 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. The TV will return to the memorized channel one time only.

### [Page 72: 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 ( / 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 screen).

### [Page 73: Theaterwide 1](#)

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 screen.

### [Page 74: 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 75: Normal](#)

(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. Some input signal formats will display with sidebars and/or bars at the top and bottom.

### [Page 76: 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 (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 77: 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 78: 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

video), or HDMI obtained by setting the Cinema Mode to Film. To set the Cinema Mode to Film: (available for 480i and 1080i signals) Press the MENU button and open the Picture menu.

### [Page 79: 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 Preference Your personal preferences...

### [Page 80: Adjusting The Picture Quality](#)

Using the TV's features Adjusting the picture Press the ( / 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 81: Using Closed Captions](#)

Press the ( / wish to adjust (Contrast, Backlight, DynaLight, Brightness, Color, Tint, or Sharpness), and then press the ( / buttons to adjust the setting. To save the new settings, highlight Done, and then press the ENTER button. You can use any of the picture modes (see "Selecting the picture mode"...

### [Page 82: 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 83: Cc Selector](#)

Press the ( / you wish to change, and then press the ( / select the format for that characteristic. To save the new settings, highlight Done, and then press the ENTER button. To revert to the factory defaults, highlight Reset, and then press the ENTER button.

### [Page 84: 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 85: Selecting Stereo/Sap Broadcasts](#)

Highlight Digital Audio Selector, and then press the ENTER button. (Sample Image) Sound menu - Digital Audio Selector selection Press the ( / the ( / Press the EXIT button. Selecting stereo/SAP broadcasts The multi-channel TV sound (MTS) feature allows you to output high-fidelity stereo sound.

### [Page 86: 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 ( / To listen to a second audio program on an analog station, if available, select SAP in step 3 above.

### [Page 87: Audyssey Premium Television](#)

Audyssey Premium Television™ These televisions use a suite of technologies for better sound including: ♦ Audyssey EQ right out of the box. This technology ensures you enjoy your audio experience as much as your video. ♦ Audyssey ABX™—technology uses sophisticated driver analysis and low frequency monitoring to extend the range and bass of small speakers.

### [Page 88: Selecting The Optical Audio Output Format](#)

Using the TV's features Adjusting the audio When you use ColorStream mode appropriately. Selecting the optical audio output format You can select the optical audio output format when you connect a ® Dolby Digital decoder or other digital audio systems to the TV's Optical Audio Out terminal (see system"...

## [Page 89: Using The Locks Menu](#)

Using the Locks menu The Locks menu includes the Enable Rating Blocking, Edit Rating Limits, Input Lock, Panel Lock, GameTimer and New PIN Code features. You can use these features after entering the correct PIN code. Entering the PIN code Press the MENU button and highlight the Locks menu icon.

## [Page 90: Forgotten Pin Code](#)

Using the TV's features Using parental controls (for USA region) ♦ Use the Number buttons to enter your four-digit code, and then press the ENTER button. If the wrong PIN code is entered, the message "Incorrect PIN code, please try again!" appears. ♦...

## [Page 91: Downloading An Additional Rating System](#)

Press the MENU button and highlight the Locks menu icon. Press the ( screen. Enter your four-digit PIN code, and then press the ENTER button. Press the ( Blocking. Press the ( ENTER button. (Sample Image) Locks menu - Enable Rating Blocking selection Press the ( and then press the ENTER button.

[Page 92](#) Using the TV's features Using parental controls (for USA region) NOTE The currently tuned station must be receiving a digital signal before an additional rating system can be downloaded.

[Page 93](#) 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 94](#) ♦ 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 95: Displaying Ratings](#)

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) Parents Guidance Suggested (Some material may be not be suitable for children)

[Page 96](#) 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 ( Blocking. Press the ( Press the ( and then press the ENTER button. The Edit Rating Limits screen appears. Highlight Canada RS, and then press the ENTER button.

## [Page 97: Unlocking Programs Temporarily](#)

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 98: 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 99: Using The Gametimer](#)

Using the GameTimer You can use the GameTimer game (30-120 minutes). When the GameTimer enters Input Lock mode and locks out the input source for the video game device. To set the GameTimer From the Locks menu, press the ( the PIN code entering screen.

## [Page 100: Using The Pc Settings Feature](#)

Using the TV's features Using the PC settings feature Press the ( When the control panel is locked and any button on the control panel (except POWER) is pressed, the message "NOT AVAILABLE" appears. (Sample Illustration) Locks menu - Panel Lock selection To unlock the control panel, select Off in Step 5 in this section or press and hold the VOLUME (-) button on the TV control panel for approximately 15 seconds until the volume icon appears.

## [Page 101: Setting The Pc Audio](#)

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 ( / Press the ( / adjustments. (Sample Image) PC Settings - adjustments screen NOTE The screen is disrupted momentarily while adjusting the PC settings.

## [Page 102: Using The Media Player](#)

Using the TV's features Using the Media Player Highlight Audio Setup, and then press the ENTER button. Press the ( / press the ( / ♦ Yes: When viewing the PC input, the audio from the PC Audio input can be heard. ♦...

## [Page 103: Auto Start Function](#)

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.

[Page 104](#) 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 ( / ENTER button. The Media Player menu appears. (If you select No, nothing happens.) (Sample Image) Media Player - open screen NOTE ♦...

## [Page 105: Viewing Photo Files](#)

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. (Sample Image) Media Player - photos screen To use multi view: Press the ( //...

## [Page 106: 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 107: Viewing Photo Files And Playing Music Files At The Same Time](#)

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. Press the STOP button to stop playback NOTE ♦...

## [Page 108: 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 RTN 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 109: Setting The Sleep Timer](#)

Contents Description Music list (Multi View) 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. NOTE Sorting, Total Time display may not be available in all cases. Setting the sleep timer You can set the sleep timer to turn off the TV after a set length of time (maximum of 12 hours).

## [Page 110: 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 111: 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 page 32).

[Page 112](#) 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. (Sample Image) Preferences menu - HDMI® CEC Player Control Press the ( / control and press the ENTER button.

## [Page 113: Other Hdmi® Cec Functions](#)

HDMI® CEC input source selection If a HDMI® CEC device with HDMI (e.g. Audio Receiver) is connected to the HDMI select another HDMI® CEC device that is connected to the master ® HDMI device using the TV's INPUT button, see video input source”...

## [Page 114: 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 115: Understanding The Last Mode Memory Feature](#)

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 mode, Dolby Digital, or PCM) ♦ Video resolution ♦...

## [Page 116: 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 117: Static Gamma](#)

Press the ( / 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. Highlight Picture Settings, and then press the ENTER button. Highlight Advanced Picture Settings, and then press the ENTER button.

## [Page 118: 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 119: Film Stabilization \(L5200U Series\)](#)

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. NOTE ♦...

## [Page 120: Cableclear® Digital Noise Reduction](#)

Using the TV's Advanced Features Using the advanced picture settings ® CableClear digital Noise Reduction The CableClear 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. To change the CableClear settings: Press the MENU button and

open the Picture menu.

### [Page 121: Game Mode](#)

**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). This feature is more effective for 480i and 1080i input signals. **NOTE** To use the Game Mode feature, the current video input must be Video, ColorStream...

### [Page 122: Chapter 8: Troubleshooting](#)

**Troubleshooting** General troubleshooting Before calling a service technician, review this chapter or visit the Toshiba technical support Web site at 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 123: 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 TV will not turn on. Ensure the power cord is plugged in properly, and then press the POWER button.

[Page 124](#) **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 125: 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)" on page only) **Sound problems** Check the antenna/cable connections, see...

### [Page 126: 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 channels in memory (optional)"...

### [Page 127: No Hdmi® Cec Operation](#)

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 No HDMI® CEC operation ®...

### [Page 128: 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...

### [Page 129: Power Source](#)

**Power source** 120V AC, 60 Hz **Power maximum current** 19L4200U 0.9 A 24L4200U 0.8 A 32L4200U 0.9 A 40L5200U 0.9 A 46L5200U 1.1 A 50L5200U 1.3 A **Power consumption** 19L4200U 0.2 W in Standby mode 24L4200U 0.2 W in Standby mode 32L4200U 0.2 W in Standby mode...

### [Page 130: 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 131: Dimensions](#)

Dimensions Width 19L4200U Height Depth Width 24L4200U Height Depth Width 32L4200U Height Depth Width 40L5200U Height Depth Width 46L5200U Height Depth Width 50L5200U Height Depth Mass (weight) 19L4200U 7.7 lbs (3.5 kg) 24L4200U 9.9 lbs (4.5 kg) 32L4200U 17.6 lbs (7.9 kg) 40L5200U 36.4 lbs (16.5 kg)

## [Page 132: Supplied Accessories](#)

Specifications Supplied accessories Supplied accessories ♦ Remote control with two size “AAA” batteries ♦ Warranty ♦ 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;...

[Page 133](#) Acceptable signal formats for PC IN, HDMI® Format Resolution V. Frequency 480i 720 x 480i 59.940 Hz 480p 720 x 480p 59.940 Hz 720p 1280 x 720p 60.000 Hz 1080i 1920 x 1080i 60.000 Hz 24.000 Hz 1080p 1920 x 1080p 60.000 Hz NOTE ♦...

## [Page 134: Appendix B: License Agreement](#)

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This manual is also suitable for:

[24I4200u40I5200u32I4200u46I5200u50I5200u40I5200u1om](#)