



# Toshiba 39L2300U User Manual

Integrated high definition led television



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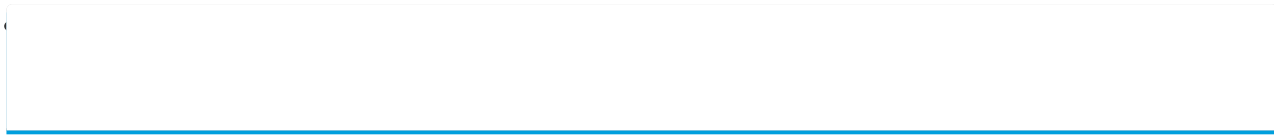
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Troubleshooting



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## Bookmarks

## Quick Links

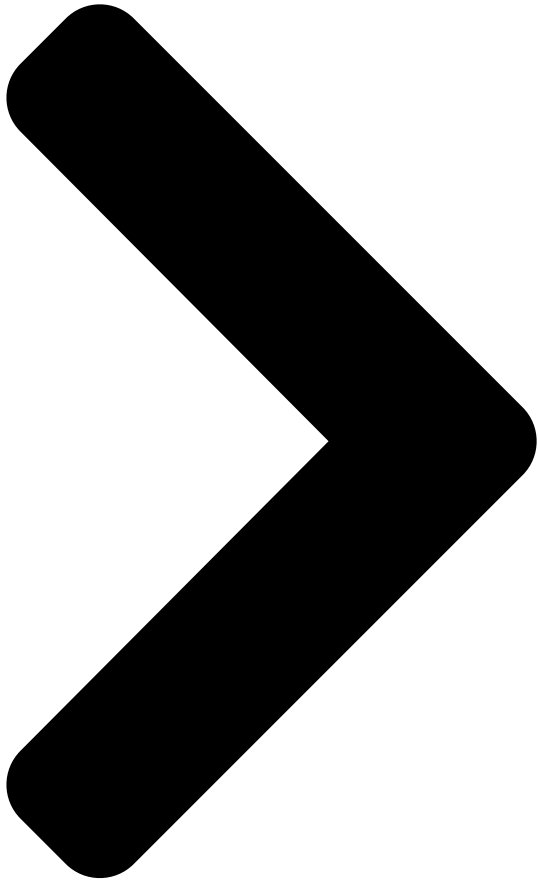
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Leading Innovation

Integrated High  
**TOSHIBA**  
Definition



# LED Television User's

Guide

# TOSHIBA

23L1350U

29L1350U

32L1350U

39L1350U

50L1350U

58L1350U



If you need assistance:

Toshiba's Support Web site

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,

ManualsLib.com

cable provider, or satellite provider

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# TOSHIBA



"Troubleshooting" on page 108

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

in this guide.

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## Related Manuals for Toshiba 39L2300U

[LED TV TOSHIBA 50L2300U User Manual](#)

(123 pages)

[LED TV Toshiba 23L2300U Resource Manual](#)

Integrated high definition led television (2 pages)

[LED TV Toshiba 23L1350U Resource Manual](#)

Integrated high definition led television (2 pages)

[LED TV Toshiba 32L2300UM Resource Manual](#)

Integrated high definition led television (2 pages)

[LED TV Toshiba 50L1350U Specifications](#)

50" class led hd tv (2 pages)

[LED TV Toshiba 39L22U User Manual](#)

Integrated high definition led television (131 pages)

[LED TV Toshiba 39L4300UM User Manual](#)

Integrated high definition led television (186 pages)

[LED TV TOSHIBA 65L7300U User Manual](#)

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[LED TV Toshiba Esteem 399 User Manual](#)

Low nox gas fired boiler (48 pages)

[LED TV Toshiba 39L4300 Series Owner's Manual](#)

With android (60 pages)

[LED TV Toshiba 32L3300 Series Owner's Manual](#)

(54 pages)

[LED TV Toshiba 32P2300 Series Owner's Manual](#)

(34 pages)

[LED TV Toshiba 32L310U20 Manual](#)

32" 720p 60hz led tv (65 pages)

## Summary of Contents for Toshiba 39L2300U

**Page 1** The model number and serial number are on the back and side of your 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: Safety Precautions**

Dear Customer, WARNING To prevent injury, this apparatus must be securely Thank you for purchasing this Toshiba LED TV. This attached to the floor/wall in accordance with the document will help you use the many exciting features installation instructions. See item 26) on page 5 of

your new LED TV.

### [Page 3: Child Safety](#)

CHILD SAFETY: PROPER TELEVISION PLACEMENT MATTERS TOSHIBA CARES • Manufacturers, retailers and the rest of the consumer electronics industry are committed to making home entertainment safe and enjoyable. • As you enjoy your television, please note that all televisions – new and old- must be supported on proper stands or installed according to the manufacturer’s recommendations.

### [Page 4: Important Safety Instructions](#)

Important Safety Instructions • ALWAYS contact a service technician to inspect the TV any time it has been damaged or dropped. 1) Read these instructions. 2) Keep these instructions. 15) CAUTION: 3) Heed all warnings. • To reduce the risk of electric shock, do not use the polarized plug with an extension cord, receptacle, or 4) Follow all instructions.

[Page 5](#) Care For better performance and safer operation of your 27) The product shall not be exposed to dripping or TOSHIBA TV, follow these recommendations and splashing, and that no objects filled with liquids, such precautions: as vases, shall be placed on the apparatus.

### [Page 6: Choosing Location For Led Tv](#)

TV: become frequent or continuous, unplug the power cord 1) CAUTION: Two people are required for installation. and contact a Toshiba Authorized Service Provider. 2) Unplug and remove any cables and/or other component connectors from the rear of the TV...

### [Page 7: Removing Pedestal Stand](#)

Removing the Pedestal Stand 39” 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 8](#) Such pixels are not visible when the picture is viewed Caution: Changes or modifications to this equipment from a normal viewing distance. not expressly approved by Toshiba could void the Note: Interactive video games that involve shooting a user’s authority to operate this equipment.

[Page 9](#) Toshiba laws, this guide cannot be reproduced in any form without America Information Systems, Inc. the prior written permission of Toshiba. No patent liability is • Blu-ray Disc™, Blu-ray™, and the logos are assumed, however, with respect to the use of the information trademarks of the Blu-ray Disc Association.

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a new PIN code .....81...

[Page 14](#) Contents HDMI CEC playback device (DVD player, etc.) control .....99 Other HDMI CEC functions .....101 Setting up HDMI CEC .....101 Using the HDMI settings feature .....101 Using the HDMI settings feature .....102 HDMI 1(2, or 3) RGB Range .....102 HDMI Information Display .....102 Displaying TV status information .....102 Understanding the last mode memory feature ..103...

[Page 15](#) Contents If the problem persists after trying the solutions ..113 Appendix A: Specifications ..... 114 Television system .....114 Channel coverage .....114 Power source .....115 Power maximum current .....115 Power consumption .....115 Audio power .....115 Speaker type .....116 Video/audio terminals .....116 Video/audio input .....116 ColorStream (component video) HD input ..116...

## [Page 16: 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 17: 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 18: Overview Of Installation, Setup, And Use](#)

Introduction Overview of installation, setup, and use HDMI CEC—Allows control of external devices from the HDMI TV remote via HDMI connection, see “Using HDMITM CEC” on page 98 Media Player—Allows you to view photo files and play music files, see “Using the Media Player”...

## [Page 19: 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 52 For details on using the TV's features, see Chapter 6 Chapter 7 For help, refer to “Troubleshooting” on page 108 For technical specifications, see “Specifications”...

[Page 20](#) Introduction TV front and side panel controls and connections USB port—Accesses JPEG or MP3 files, or updates TV firmware. Brightness Sensor ( for 39/50/58L1350U and 39/50L2300U)— Detects the ambient light conditions to optimize the backlighting levels. Left side panel TV front TV top —...

## [Page 21: Tv Back Panel Connections](#)

Introduction TV back panel connections USB port—Accesses JPEG or MP3 files, or updates TV firmware. Brightness Sensor—Detects the ambient light conditions to optimize the backlighting levels. TV back panel connections For explanations of cable types and connections, see on page 23. Power Cord (Sample Illustration) L1350U/L2300U Series (except 58L1350U) —...

[Page 22](#) Introduction TV back panel connections Component/Standard (composite) video cables carry only video information; separate audio cables are required for a complete connection.(Sample Illustration) L1350U/L2300U Series - Back panel connections Power Cord (Sample Illustration) 58L1350U — Back panel connections ColorStream HD—High-resolution component video input ®...

## [Page 23: 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 24: Standard A/V Cables \(Red/White/Yellow\)](#)

Component video cables come in sets of three and connect 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 25: Optical Audio Cable](#)

Connecting Your TV Overview of cable types HDMI cables provide the best audio and picture quality. Optical audio cable (Sample Illustration) Optical audio cable connect 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 26: 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 From cable TV From cable TV Camcorder Cable box or antenna AUDIO VIDEO TV back panel CH 3 CH 4 Stereo VCR VIDEO AUDIO from...

## [Page 27: Connecting A Blu-Ray™ / Dvd Player, Satellite Receiver With Colorstream® Or Vcr](#)

Connecting Your TV Connecting a Blu-ray™ / DVD player, satellite receiver with ColorStream® or VCR 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. Select the ANT/CABLE video input source on the TV.\* Tune the TV to channel 3 or 4 (whichever channel the cable box output is set to).

[Page 28](#) Connecting Your TV Connecting a Blu-ray™ / DVD player, satellite receiver with ColorStream® or VCR TV back panel From antenna Stereo VCR VIDEO AUDIO IN from ANT CH 3 CH 4 OUT to TV From satellite dish AUDIO VIDEO COMPONENT VIDEO Satellite S-VIDEO Satellite receiver, Blu-ray or DVD player...

[Page 29](#) Connecting Your TV Connecting a Blu-ray™ / DVD player, satellite receiver with ColorStream® or VCR When you use ColorStream HD or Video, switch AV input mode® appropriately. To view antenna or Cable channels: Select the ANT/CABLE video input source on the TV.\* To view the DVD player: Turn on the DVD player.

## [Page 30: Connecting An Hdmi](#)

Connecting Your TV Connecting an HDMI or DVI device to the HDMI input Connecting an HDMITM or DVI device to the HDMITM 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)

[Page 31](#) Connecting Your TV Connecting an HDMI or DVI device to the HDMI input Connecting an HDMITM or DVI device to the HDMITM input Side panel HDMI device (Sample Illustration) 58L1350U—HDMI connections To view the HDMI device video: Select HDMI 1, HDMI 2, or HDMI 3 video input source on the TV.

[Page 32](#) Connecting Your TV Connecting an HDMI or DVI device to the HDMI input Connecting an HDMITM or DVI device to the HDMITM input TV back panel VIDEO AUDIO DVI/HDCP (Sample Illustration) L1350U/L2300U Series (except 58L1350U) —DVI connections Side panel TV back panel VIDEO AUDIO DVI/HDCP...

## [Page 33: Hdmi Tm Cec Connection](#)

Connecting Your TV HDMI CEC connection HDMITM CEC connection 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 high- definition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the TV.

## [Page 34: Connecting A Digital Audio System](#)

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 35](#) [Connecting Your TV](#) Connecting a digital audio system external audio system with optical audio input. You will need an optical audio cable (Use an optical audio cable that has the larger “TosLink” connector and not the smaller “mini-optical” connector.) TV back panel Digital decoder or other digital audio system (Sample Illustration) L1350U/L2300U Series (except 58L1350U)—...

### [Page 36: Connecting An Analog Audio System](#)

Connecting Your TV Connecting an analog audio system (Sample Image) Audio Setup screen - Done Some audio systems may not be compatible with Dolby Digital ® bitstream signals. Older audio systems that are not compatible with standard optical out signals may not work properly, creating a high noise level that may damage speakers or headphones.

### [Page 37: Connecting A Computer](#)

Connecting Your TV Connecting a computer TV back panel Audio system (Sample Illustration) 58L1350U—Connecting an fixed audio system Connecting a computer With either the PC IN or HDMI connection, you can view your computer’s display on the TV and hear the sound from the TV’s speakers.

[Page 38](#) [Connecting Your TV](#) Connecting a computer TV back panel PC audio cable Computer PC audio output (Sample Illustration) 58L1350U—Connecting a computer through the TV’s PC IN terminal 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.

### [Page 39: Connection To The Tv's Hdmi](#)

Connecting Your TV Connecting a computer Signal names for mini D-sub 15-pin connector: Pin No.: Signal Pin No.: Signal Pin No.: Signal Name: Name: Name: Ground Reserved Ground Ground H-sync Reserved V-sync Ground Ground Connection to the TV’s HDMI terminal When connecting a computer with a DVI terminal, use an HDMI to-DVI adapter cable and analog audio cables.

[Page 40](#) [Connecting Your TV](#) Connecting a computer TV back panel Side panel PC audio cable Computer PC audio output Conversion adapter (if necessary) (Sample Illustration) 58L1350U—Connecting a computer to the TV through the HDMI terminal. TV back panel Computer Conversion adapter (if necessary) (Sample Illustration) L1350U/L2300U Series (except 58L1350U) —...

[Page 41](#) [Connecting Your TV](#) Connecting a computer Side panel Computer Conversion adapter (if necessary) (Sample Illustration) 58L1350U—Connecting DVI to HDMI terminal For signal specifications, see “Acceptable signal formats for PC IN, HDMI HDMITM” on page 118 The edges of the picture may be hidden. If receiving a 480i (HDMI ), 480p (HDMI ), 720p, 1080i, or...

### [Page 42: 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 43: Remote Control Effective Range](#)

Using the Remote Control Remote control effective range 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 44: 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 “HDMITM CEC HDMI playback device (DVD player, etc.) control” on page 99 (Sample Illustration) Remote control overview The error message “NOT AVAILABLE”...

[Page 45](#) [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 46](#) Channel Browser” on page 61 The MENU button accesses the main TV menu system. See “Navigating the menu system” on page 49. The following key functions allow you to control Toshiba HDMI CEC compatible devices via HDMI connection. “Using HDMITM CEC” on page 98...

### [Page 47: 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 menus (illustrated below), press MENU on the remote control. Icon Item Option Picture Picture Mode...

[Page 48](#) Menu Layout and Navigation Icon Item Option Sound Balance Adjusts Balance Bass Adjusts Bass Treble Adjusts Treble Audyssey ABX On / Off Stable Sound On / Off Dynamic Range Control On / Off TV Speakers On / Off Stereo / Mono / SAP Digital Audio Selection Offers different audio choices for digital channels Primary Audio Language...

### [Page 49: Navigating The Menu System](#)

Menu Layout and Navigation Navigating the menu system Icon Item Option Timers Sleep Timer 10-minute increments, from 0 min to a maximum of 12 hours Game Timer Off/30 min/60 min/90 min/120 min Get Help System Information Opens the System Information screen Auto Demo Opens Auto Demo menu NOTE Only available if in Store mode.

### [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 / (arrow) buttons to select your preferred language. Press the / (arrow) buttons to select Time Zone. Then set your desired time zone, using the / (arrow) buttons and...

### [Page 51: Installation Setup Selection](#)

Setting up your TV Installation setup selection Installation setup selection 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 Installation menu, then highlight Menu Language.

### [Page 52: Storing Channels In Memory \(Optional\)](#)

Setting up your TV Auto Tuning Open the Channel Tuning menu, highlight ANT/CABLE In, and then press the ENTER button. Channel Turning Tuning (Sample Image) Channel tuning menu - Input configuration selection Press the / (arrow) buttons to select the input source (Cable or Antenna), and then press the ENTER button to save your new settings.

### [Page 53: To Program Channels Automatically](#)

Setting up your TV Auto Tuning You must set up the ANT/CABLE input source before programming channels. See “ANT/CABLE IN” on page 51. 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: Manual Tuning](#)

Setting up your TV Setting channel skip The TV will automatically cycle through all the antenna/cable channels, and store all active channels in the channel memory. While the TV is cycling through the channels, the message “Scanning channels, please wait” appears. To cancel channel programming, press the EXIT button on the remote control or highlight Cancel in the on-screen display, and then press the ENTER button.

### [Page 55: Setting The Av Input Mode](#)

Setting up your TV Setting the AV input mode The list of channels appears. (Sample Illustration) Channel Options Press the / (arrow) buttons to select a channel position to be skipped, and then press the ENTER button. A check will appear in the box. To remove the check, press the ENTER button again.

## [Page 56: Setting The Hdmi Tm Audio Mode](#)

Setting up your TV Setting the HDMI audio mode Setting the HDMITM audio mode From Options menu, highlight Input Options, and then press the ENTER button. / (arrow) buttons to select AV Input, and then press Press the ENTER button. / (arrow) buttons to select Video or ColorStream Press HD, and then press the ENTER button to save your new setting.

## [Page 57: Setting The Time Zone](#)

Setting up your TV Viewing the system status Setting the time zone The Time Zone setup allows you to specify the correct time zone for your region. This feature allows the TV status information to display the correct time zone information for your viewing area. To set the time zone: In the Installation menu, highlight Time Zone, and press the ENTER button.

## [Page 58: Chapter 6: Setting Up Your Tv](#)

Chapter 6 Setting up your TV 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 0-5. Repeatedly press the / (arrow) buttons on the remote control, and then press the ENTER button to change the input setting.

[Page 59](#) Setting up your TV Selecting the video input source (Sample Image) L1350/L2300U Series - Input Selection screen You can label the video input sources according to the specific devices you have connected to the TV, see "Labeling the video input sources" on page 60 Sources can be "hidden," ...

## [Page 60: Labeling The Video Input Sources](#)

Setting up your TV Labeling the video input sources When selecting input sources using the CH / (arrow) buttons, you will need to press the ENTER button to actually select a particular device from the pop-up window. Labeling the video input sources You can label each video input source according to the type of device you have connected to each source.

## [Page 61: Tuning Channels Using The Channel Browser](#)

Setting up your TV Tuning channels using the Channel Browser (Sample Image) L1350U/L2300U 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 62: Favorites Browser](#)

Setting up your TV Favorites browser Quickly surf and tune your recently viewed channels/inputs from the Channel Browser History List. Surf via Browse mode (to immediately tune channels as you highlight them in the Channel Browser) or Select mode (to surf over channels in the Channel Browser before you select one to tune).

## [Page 63: Elements Of The Channel Browser](#)

Setting up your TV Favorites browser Press the (arrow) button to highlight History List, ANT/CABLE List, Input List, Favorites List or HDMI CEC List, and then press the / (arrow) buttons to select On or Off. The History List will be cleared every time the TV is powered off. HDMI CEC List is automatically grayed out and set to Off when Enable HDMI...

[Page 64](#) Setting up your TV Favorites browser 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 HDMI CEC options. The Channel Browser opens in History List by default. Once another list has been selected, the Channel Browser will open in the last selected list.

## [Page 65: Adding And Clearing Channels And Inputs In The History List](#)

Setting up your TV Favorites 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 66: Switching Between Two Channels Using Channel Return](#)

Setting up your TV Favorites browser If a digital channel is not programmed, either through the automatic channel scan or the Channel add function, see "Auto Tuning" on page 52, you will



have to tune the RF channel using the Channel Numbers and the (Dash 100) button on the remote control.

### [Page 67: Selecting The Picture Size](#)

Setting up your TV Selecting the picture size Selecting the picture size You can view many program formats in several picture sizes— Native, 4:3, Full, TheaterWide 1, TheaterWide 2, TheaterWide 3, Normal, and Dot by Dot. The picture size illustrations are examples only. The format of the image (in any of the picture sizes) depends on the format of the signal you are currently watching.

### [Page 68: Full](#)

Setting up your TV Selecting the picture size Full The Full setting is for viewing in the 16:9 (480i, 480p) source programs. If receiving a squeezed 4:3 format program, the picture is stretched horizontally to fill the width of the screen but not stretched vertically.

### [Page 69: Theaterwide 3](#)

Setting up your TV Selecting the picture size The picture's top and bottom edges may be hidden\*. 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\*.

### [Page 70: Normal](#)

Setting up your TV 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 71: Scrolling The Theaterwide ® Picture \(Theaterwide 2 And 3 Only\)](#)

Setting up your TV Using the Auto Aspect feature 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: In the Picture Menu, highlight Display Settings, and then press the ENTER button.

### [Page 72: Using The 4:3 Stretch](#)

Setting up your TV Using the FREEZE feature Aspect Ratio of Signal Automatic Aspect Size (automatically selected when Auto Source Aspect is On) 4:3 Normal 4:3 Letter Box TheaterWide 2 16:9 Full Full Not defined (no ID-1 The current picture size you selected, see "Selecting the data or HDMI aspect...

### [Page 73: Adjusting The Picture](#)

Setting up your TV Adjusting the picture To unfreeze the picture, press the FREEZE button again (or any other button). Using the FREEZE function for any purpose other than your private viewing may be prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and criminal liability.

### [Page 74: Adjusting The Picture Quality](#)

Setting up your TV Adjusting the picture To select the picture mode using the menu system: Press the MENU button and open the Picture menu. Highlight Picture Mode, and then press the ENTER button. (Sample Image) Picture menu - Mode selection Press the ▲/▼(arrow) buttons to select the picture mode you prefer, and then press the ENTER button.

### [Page 75: Using Closed Captions](#)

Setting up your TV Using closed captions Any picture setting that you adjust after the current input only. You can adjust the picture quality separately for each input. Using closed captions Base closed captions Closed caption mode has two options: Captions—An onscreen display of the dialogue, narration and sound effects of TV programs and videos that are closed captioned (usually marked "CC"...



## [Page 76: Digital Cc Settings](#)

Setting up your TV Using closed captions To view text, highlight T1, T2, T3, or T4. (Sample Illustration) Captions - text If text is not available in your area, a black rectangle may appear on screen. If this happens, set the Base CC Mode to Off. To turn off closed caption mode, select Off in step 2 above.

## [Page 77: Adjusting The Audio](#)

Setting up your TV Adjusting the audio 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. Mode: Description Caption Size Auto, Small, Standard, Large Caption Text Type Auto, Default, Mono (with Serif), Prop.

## [Page 78: Using The Digital Audio Selection](#)

Setting up your TV Adjusting the audio If you modify items in the Sound menu while Mute is active, Mute is cancelled. Using the Digital Audio Selection You can use the Digital Audio Selection to conveniently switch between audio tracks on a digital channel (for those channels that have multiple audio tracks).

## [Page 79: Adjusting The Audio Quality](#)

Setting up your TV Adjusting the audio Highlight MTS, and then press the ENTER button. Select Stereo, and then press the ENTER button. You can typically leave the TV in Stereo mode because it outputs the type of sound being broadcast (stereo or monaural). If the sound is noisy, select Mono to reduce the noise.

## [Page 80: Audyssey® Technologies](#)

Setting up your TV Adjusting the audio Audyssey technologies® These televisions use the following technologies for better sound quality: Audyssey EQ —Provides clear, accurate and natural® sound 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 81: Using The Dolby® Digital Dynamic Range Control Feature](#)

Setting up your TV Selecting the PIN code Using the Dolby Digital Dynamic Range Control feature® You can further compress Dolby Digital dynamic range, allowing® you to switch from digital to analog broadcasts at the same dynamic range. To use the Dolby Digital Dynamic Range Control:®...

## [Page 82: Using Parental Controls \(For Usa Region\)](#)

Setting up your TV Using parental controls (for USA region) Select Change PIN or Delete PIN. Press the ENTER button. Using parental controls (for USA region) Blocking TV programs and movies by rating (V-Chip) Some TV programs and movies include signals that classify the content of the program (as unsuitable for younger viewers).

## [Page 83: Downloading An Additional Rating System](#)

Setting up your TV Using parental controls (for USA region) Downloading an additional rating system In the future, an additional rating system may become available for use in selectively blocking TV programs and movies. The currently tuned station must be receiving a digital signal before an additional rating system can be downloaded.

## [Page 84: Rating System](#)

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 85: Displaying Ratings](#)

Setting up your TV 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 86: Unlocking Programs Temporarily](#)

Setting up your TV 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. This program exceeds the rating limit you set.

## [Page 87: Locking Channels](#)

Setting up your TV 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 "Enter a new PIN code" on page 81 To lock channels: From the Options menu, highlight Channel Options, and then press the ENTER button.

## [Page 88: Using The Panel Lock Feature](#)

Setting up your TV Locking channels Enter your Four-digit PIN code. Press the ▼(arrow) button to select 30, 60, 90 or 120 minutes, and then press the ENTER button. , select Off in step 3 above. To cancel the GameTimer ®...

## [Page 89: Using The Pc Settings Feature](#)

Setting up your TV Using the PC settings feature To unlock the control panel, select Off in Step 3 in this section or press and hold the VOLUME (-) button on the TV control panel for approximately 15 seconds until the volume icon appears. Using the PC settings feature You can view an image from a PC on the TV screen.

## [Page 90: Setting The Pc Audio](#)

Setting up your TV Using the PC settings feature The screen is disrupted momentarily while adjusting the PC settings. This is not a sign of malfunction. Mode: Description: Horizontal Position Moves the picture left/right. The adjustment range is within ±10 from center.\* Vertical Position Moves the picture up/down.

## [Page 91: Using The Media Player](#)

Setting up your TV Using the Media Player Using the Media Player Using Media Player with a USB device You can enjoy photo or music content stored on a USB storage device. Photo Viewer specifications: Data type: JPEG EXIF ver 2.1 File format: JPEG Maximum photo size: 6 MB Maximum number of files: 500/folder...

## [Page 92: 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.

[Page 93](#) Setting up your TV Using the Media Player 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 The prompt will disappear after about 10 sec. If Auto Start is set to off, you can start the Media Player manually.

## [Page 94: Multi View](#)

Setting up your TV Using the Media Player 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 Play - photos screen To use multi view: Press the □/▼/◀▶(arrow) buttons to move the highlight in one window.

## [Page 95: Playing Music Files](#)

Setting up your TV Using the Media Player To use slide show: Press the ENTER button in the Single View mode. Press the ◀▶(arrow) buttons to view the previous or next photo. To set Interval Time and Repeat settings: Press the MENU button to open the Quick Menu. Press the □/▼(arrow) buttons to select either Interval Time or Repeat.

## [Page 96: Viewing Photo Files And Playing Music Files At The Same Time](#)

Setting up your TV Using the Media Player If playback finishes before STOP is pressed, the next

file will automatically start to play from the beginning. Depending on the file size, it may take some time for playback to begin. During playback you can do the following: Press PAUSE to pause.

### [Page 97: Setting The Sleep Timer](#)

Setting up your TV Setting the sleep timer To sort photo or music folders and files: From photo Multi View mode or from the music list, press the MENU button to open the Quick Menu. Press the  $\square/\blacktriangledown$ (arrow) buttons to select Sort. Press the  $\blacktriangleleft/\blacktriangleright$ (arrow) buttons to select Title, New, or Old to set the sorting rule.

### [Page 98: No Signal Power Down](#)

A warning message will appear 1 minute before the TV turns off. Using HDMI 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"...

### [Page 99: Hdmi Tm Cec Playback Device \(Dvd Player, Etc.\) Control](#)

Setting up your TV Using HDMI Using HDMI CEC HDMI CEC playback device (DVD player, etc.) control With your TV's remote control, or using the HDMI CEC Player Control menu, you can control the connected HDMI playback device you are watching. Available remote control key functions Button: Description:...

[Page 100](#) Setting up your TV Using HDMI Using HDMI CEC Item: Description: Power Turns the select device On/Off Root Menu Accesses the root menu of the selected device Contents Menu Accesses the contents list when you press ENTER. At this time, the HDMI CEC Player Control menu disappears.

### [Page 101: Other Hdmi Tm Cec Functions](#)

Setting up your TV Using the HDMI settings feature Using HDMI CEC Other HDMI CEC functions When the Enable HDMI CEC Control and each item in the HDMI CEC Control Setup menu are set to On, the following functions will be enabled. Item: Description: TV Auto Power If a HDMI...

### [Page 102: Using The Hdmi Tm Settings Feature](#)

Setting up your TV Displaying TV status information Using the HDMI settings feature HDMI 1(2, or 3) RGB Range You can select RGB range of HDMI inputs from the following modes, as described below: From the Options menu, highlight Input Options, and then press the ENTER button.

### [Page 103: Understanding The Last Mode Memory Feature](#)

Setting up your TV Understanding the last mode memory feature If ANT/CABLE is the current input, either "CABLE" (for cable TV) or "ANT" (for over-the-air broadcasts). Channel number (if in ANT/CABLE mode) Digital signal strength indicator (bar graph in lower right corner of box;...

### [Page 104: Chapter 7: Using The Tv's Advanced Features](#)

Chapter 7 Using the TV's Advanced Features Using the advanced picture settings ColorMaster™ The ColorMaster™ feature allows you to adjust standard colors. From the Picture menu, highlight Advanced Picture Settings, and then press the ENTER button. Highlight ColorMaster, and then press the ENTER button. Press the  $\square/\blacktriangledown$ (arrow) buttons to select On, and then press the ENTER button.

### [Page 105: Color Temperature](#)

Using the TV's Advanced Features Using the advanced picture settings Color Temperature You can change the quality of the picture by selecting from three preset Color Temperatures (Cool, Medium, and Warm), as described below. Mode: Picture Quality: Cool blueish Medium neutral Warm reddish...

### [Page 106: Dynalight](#)

Using the TV's Advanced Features Using the advanced picture settings Highlight Auto Brightness Sensor and then press the ENTER button. Press the  $\square/\blacktriangledown$ (arrow) buttons to select On or Off. Press the ENTER button. DynaLight® The DynaLight feature automatically strengthens

the black @...

### [Page 107: Noise Reduction](#)

Using the TV's Advanced Features Using the advanced picture settings • If the picture mode is set to Game or PC mode, this feature is automatically not available. • For the 32/39/50L1350U and the 32/39/50L2300U models, the ClearScan 120Hz technology is always on. ®...

### [Page 108: 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 109: Picture Problems](#)

Troubleshooting Picture problems Onscreen Demo Pop-up If your TV is displaying a Demo pop-up screen, reset the setting to Home. For more information see "Installation setup selection" on page 51 TV will not turn on. Ensure the power cord is plugged in properly, and then press the POWER button.

### [Page 110: Sound Problems](#)

Troubleshooting Sound problems Noisy picture. If you are watching an analog channel (off-air broadcast or Cable TV), you can set the DNR feature to reduce visible interference in the TV picture, see "DNR" on page 107 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.

### [Page 111: Remote Control Problems](#)

Troubleshooting Channel tuning problems The station may be having broadcast difficulties. Try another channel. The sound may be muted. Press the VOL (+) button. If you hear no sound, try setting the MTS feature to Stereo mode, "Selecting stereo/SAP broadcasts" on page 78 If you are not receiving a second audio program from a known SAP source, make sure the MTS feature is set to SAP mode, see "Selecting stereo/SAP broadcasts"...

### [Page 112: Closed Caption Problems](#)

The V-Chip feature is available for U.S. V-Chip systems only, see "Using parental controls (for USA region)" on page 82 No HDMI CEC operation The HDMI CEC feature is available for Toshiba HDMI compatible devices. Ensure that HDMI cables with the ( ) Logo are used.

### [Page 113: Hdmi Tm Problems](#)

"Using the Media Player" on page 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 114: Appendix A: Specifications](#)

Appendix A Specifications 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 Digital Cable...

### [Page 115: Power Source](#)

0.9 A 39L1350U 1.2 A 50L1350U 1.9 A 58L1350U 1.6 A 23L2300U 0.7 A 32L2300U 0.9 A 39L2300U 1.2 A 50L2300U 1.9 A Power consumption W in Standby mode 23L1350U 29L1350U W in Standby mode 32L1350U W in Standby mode...

### [Page 116: Speaker Type](#)

Specifications Speaker type 32L2300U 39L2300U 50L2300U Speaker type Two 3.59 x 1.38 x 1" 23L1350U 29L1350U Two 5.98 x 1.57 x 1.42" 32L1350U Two 5.98 x 1.57 x 1.42" 39L1350U Two 5.98 x 1.57 x 1.42" 50L1350U Two 5.98 x 1.57 x 1.42"...

## [Page 117: Digital Audio Output](#)

Specifications Dimensions 2-channel Linear-PCM/ Dolby Digital; 32/44.1/48kHz ® sampling frequency; 16/20/24 bits per sample HDMI Audio Digital audio output Optical type PC input 15-Pin D-sub Analog RGB Dimensions Width 1'-9 1/2" (545mm) Height 1'3-1/4" (387.6mm) 23L1350U/2300U Depth 6-3/8" (162.8mm) Width 2'2-1/8"...

## [Page 118: Operating Conditions](#)

37.0 lbs (16.8 kg) 58L1350U 58.9 lbs (26.7 kg) 23L2300U 9.0 lbs (4.1 kg) 32L2300U 12.6 lbs (5.7 kg) 39L2300U 17.0 lbs (7.7 kg) 50L2300U 37.0 lbs (16.8 kg) Operating conditions 32°F - 95°F (0°C - 35°C) Temperature 20 - 80 % (no moisture condensation)

## [Page 119: Hdmi Tm Signal Formats](#)

Specifications Acceptable signal formats for PC IN, HDMI Acceptable signal formats for PC IN, HDMITM Format Resolution V. Frequency H. Frequency Pixel Clock Frequency WXGA 1280 x 768 59.870 Hz 47.776 kHz 79.500 MHz 1360 x 768 60.015 Hz 47.712 kHz 85.500 MHz SXGA 1280 x 1024...

## [Page 120: Appendix B: License Agreement](#)

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This manual is also suitable for:

[23L2300U](#) [23L2300U](#) [129L1350U](#) [32L1350U](#) [132L2300U](#) [132L2300U](#) ... [Show all](#)