TOSHIBA

# Toshiba 40SL412U Owner's Manual

Integrated high definition lcd television

1
2
3
4
5
6
7
8
Table Of Contents
9
10
11
12
13
14
15
16
17

- 

Table of Contents

- 

Troubleshooting

Bookmarks

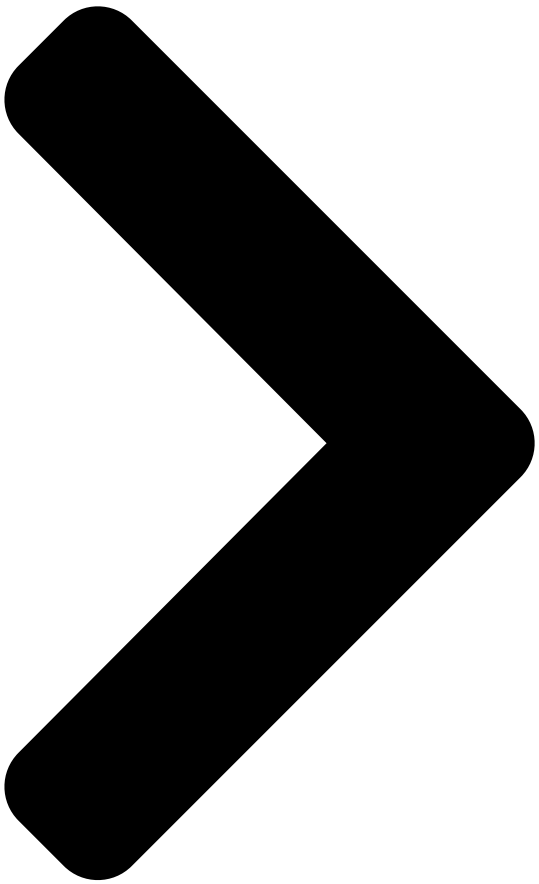
Quick Links

1 Features of Your New Tv

2 Tv Front and Side Panel Controls and Connections

3 VOLUME/MUTE Controls of Audio Receiver

Download this manual



# Owner's Manual

Integrated High Definition
LCD Television

TOSHIBA
Leading Innovation

# 40SL412U

Owner's Manual

# 46SL412U

TOSHIBA

Leading Innovation

# 55SL412U

# 55S41U

# Owner's Manual

For an overview of steps for setting up your new TV, see page 11.

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, please contact your TV antenna installer, cable provider, or satellite provider.

© 2011 TOSHIBA CORPORATION
All Rights Reserved

HIGH-DEFINITION TELEVISION

Owner's Record

The model number and serial number are on the back 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:

Table of Contents

Next Page

1
2
3
4
5

# Related Manuals for Toshiba 40SL412U

LCD TV Toshiba 40SL412U Easy Setup Manual

(73 pages)

HDTV Toshiba 40SL412U Specification Sheet

Toshiba 40sl412u: specifications (2 pages)

Flat Panel TV Toshiba 40SL412U Energy Manual

Energy guide (1 page)

LCD TV TOSHIBA 55SL417U Owner's Manual

Integrated high definition lcd television (372 pages)

LCD TV Toshiba 42SL417U Owner's Manual

Integrated high definition lcd television, led tv (93 pages)

LCD TV Toshiba 42SL417U Owner's Manual

(93 pages)

LCD TV Toshiba 46SL412U Specifications

Toshiba 46sl412u: specifications (2 pages)

LCD TV Toshiba 42SL417U Installation Instructions

Firmware installation notice (2 pages)

LCD TV Toshiba 55SL412U Specifications

Toshiba 55sl412u: specifications (2 pages)

LCD TV Toshiba 55SL417U Specifications

Toshiba 55sl417u: specifications (2 pages)

Flat Panel TV Toshiba 46SL412U Energy Manual

Energy guide (1 page)

Flat Panel TV Toshiba 55SL412U Energy Manual

Energy guide (1 page)

TV Toshiba 55SL417U Energy Manual

Energy guide (1 page)

LCD TV Toshiba 40SL500U Owner's Manual

Integrated high definition lcd television (94 pages)

LCD TV Toshiba REGZA SL73 Series Manual

(77 pages)

LCD TV Toshiba 24PS10E Owner's Manual

(36 pages)

# Summary of Contents for Toshiba 40SL412U

Page 1 Owner’s Record The model number and serial number are on the back 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: Safety Precautions

Dear Customer, Thank you for purchasing this Toshiba LCD TV. This manual will help you use the many exciting features of your new LCD TV. Before operating your LCD TV, please read this manual completely, and keep it nearby for future reference.

## Page 3: Important Safety Instructions

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 Care TV top For better performance and safer operation of your TOSHIBA TV, follow these recommendations and precautions: 34) If you use the TV in a room whose temperature is 32 °F (0 °C) or below, the picture brightness may vary until the LCD warms up.

## Page 5: To Display Using Wall Bracket

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. DANGER: RISK OF SERIOUS PERSONAL INJURY OR DEATH!

## Page 6: Removing Pedestal Stand

7) VESA Mounting Pattern TV Size Hole Pattern(HxV) 40" 200x200 46'' 400x400 55'' 400x400 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.

Page 7 FCC Declaration of Conformity Compliance Statement (Part 15): Toshiba 40SL412U, 46SL412U, 55SL412U, and 55S41U Television models comply with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and...

## Page 8: Trademark Information

Trademark Information • Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories. • HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. • MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson. • This production contains Bitstream Vera Sans fonts under the following copyright. Copyright © 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

## Page 9: Table Of Contents

Chapter 9: Appendix ...56 Specifications ...56 Acceptable signal formats for PC IN and HDMI terminals ...57 Limited United States Warranty for LCD Televisions ...58 Limited Canadian Warranty for Toshiba Brand Flat Panel Televisions ...59 Digital Dynamic Range Control feature ...39 ®...

## Page 10: Chapter 1: Introduction

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

## Page 11: Overview Of Steps For Installing, Setting Up, And Using Your New Tv

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 12: Tv Front And Side Panel Controls And Connections

TV front and side panel controls and connections Models 40SL412U, 46SL412U, 55SL412U, and 55S41U are used in this manual for illustration purposes. Left side panel 1 Remote sensor — Point the remote control toward this remote sensor ( "Remote control effective range"...

## Page 13: Tv Back Panel Connections

TV back panel connections For an explanation of cable types and connections, see pages 13–19. TV back Power Cord 1 PC IN — For use when connecting a personal computer. ® 2 HDMI IN — High-Definition Multimedia Interface input receives digital audio and uncompressed digital video

from an HDMI device or uncompressed digital video from a DVI device.

## Page 14: Chapter 2: Connecting Your Tv

Component video cables come in sets of three and are for use with video devices with component video output. (ColorStream is 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 15: Connecting A Vcr And Antenna, Cable Tv Or Camcorder

Connecting a VCR and antenna, Cable TV or Camcorder Camcorder AUDIO VIDEO You will need: Coaxial cables • Standard A/V 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 16: Connecting A Dvd Player With Colorstream

Connecting a DVD player with ColorStream and a satellite receiver From satellite dish AUDIO VIDEO COMPONENT VIDEO Satellite S-VIDEO Satellite receiver with component video or DVD player with component video You will need: Coaxial cables • Standard A/V 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 17: Connecting An Hdmi ® Or Dvi Device To The Hdmi Input

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

## Page 18: Regza-Link ® Connection

Refer to the individual instruction manuals for compatibility information. Note: This feature may not work properly depending on the devices that are connected. Playback device (REGZA-LINK DVD player, etc.) ® feature uses the CEC ® ® . However, Toshiba is not...

## Page 19: 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. You will need: Optical audio cable (Use an optical audio cable •...

## Page 20: Connecting A Personal Computer (Pc)

HDMI terminal on the TV, use an HDMI-to-DVI adapter cable and analog audio cables. Such as a Toshiba PC with an HDMI terminal, use an HDMI cable (type A connector). Separate analog audio cables may not be necessary, depending on PC hardware and setup (...

## Page 21: Chapter 3: Using The Remote Control

Chapter 3: Using the remote control Installing the remote control batteries 1 Remove the battery cover from the back of the remote control. Squeeze tab and lift cover. 2 Install two "AAA" size batteries, making sure to match the + and – signs on the batteries to the signs on the battery compartment.

## Page 22: Learning About The Remote Control

20 MENU accesses the main TV menu system ( pages 23-24). The following key functions allow you to control Toshiba REGZA-LINK compatible devices via HDMI connection ( Page 48, REGZA-LINK playback device control). 21 STOP Stops the tape or DVD.

## Page 23: Chapter 4: Menu Layout And Navigation

Chapter 4: Menu layout and navigation Main menu layout The tables below and on the next page provide a quick overview of your TV's menu system. To open the main menus (illustrated below), press Icon Item Mode Picture Picture Settings Noise Reduction Game Mode Theater Settings...

## Page 24: Setup/Installation Menu Layout

Chapter 4: Menu layout and navigation Setup/Installation menu layout The Installation menu contains the Terrestrial and System Status menus. To open the Installation menu (illustrated below), press Setup menu, select Installation, and press Icon Item Input Configuration Terrestrial Channel Program Channel Options Channel Tuning Mode Time Zone...

## Page 25: 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. 1 In the Menu Language field, press t or u to select your preferred language. 2 Press t or u to select Time Zone Setup and set your desired time zone with t or u and press 3...

## Page 26: Programming Channels Into The Tv's Channel Memory

Programming channels into the TV’s channel memory When you press on the remote control or TV control panel, your TV will stop only on the channels you programmed into the TV’s channel memory. Follow the steps below to program channels into the TV’s channel memory.

## Page 27: Setting The Hdmi ® Audio Mode

3 Press p or q to select a channel position to be skipped and press will appear in the box. To remove the , press To add a channel to the channel memory: Highlight the checked box next to the channel number you want to add, and then press to remove the tick.

## Page 28: Viewing The Digital Signal Meter

Viewing the digital signal meter You can view the digital signal meter in the ANT/ CABLE digital TV input source only. To view the digital signal meter: 1 and open the Setup menu. Press 2 Highlight Installation and press 3 A new set of Installation menu icons will appear.

## Page 29: Chapter 6: Using The Tv's Features

Chapter 6: Using the TV’s features Selecting the video input source to view To select the video input source to view: 1 Press on the remote control or TV control panel. 2 And then either: a) Press 0–6, or b) Repeatedly press pq on the remote control and then press to change the input;...

## Page 30: Tuning Channels

Input labeling example: The screen below left shows the default Input Selection screen (with none of the inputs labeled as a specific device). The screen below right is an example of how you could label the inputs if you connected a VCR to Video, a DTV set-top box to ColorStream HD, and a Satellite/DSS set-top box to HDMI 1, and a DVD player to HDMI 2, and a Video Recorder to HDMI 3.

## Page 31: Adding And Clearing Channels And Inputs In The History List

To open the Channel Browser Press t or u on the remote control. • Press t to surf backward through the previously • tuned channels in the History list, the channels in the ANT/ CABLE channel list, the inputs in the Inputs list, the REGZA-LINK REGZA-LINK ®...

## Page 32: Setting The Channel Tuning Mode

Note: See page 24 for details on configuring the antenna input. Turning off the TV will clear the History List. • Setting the Channel Tuning Mode This feature allows you to choose how tuning will be handled for analog and digital channels when the TV is in Antenna mode.

## Page 33: Switching Between Two Channels Using Surflock

Switching between two channels using SurfLock ™ The SurfLock feature temporarily “memorizes” one ™ channel to the button, so you can return to that channel quickly from any other channel by pressing To memorize a channel to the 1 Tune the TV to the channel you want to program into the button.

## Page 34

Picture Size TheaterWide 2 (for letter box programs) A B C D E F G - - - - - - - - - - - - - - - - - - The top and bottom edges of the picture may be hidden*.

## Page 35: 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: 1 and open the Picture menu. Press 2 Highlight Theater Settings and press 3...

## Page 36: Adjusting The Picture Quality

Note: PC mode is available for HDMI and PC inputs only (grayed out for other input sources). To select the picture mode using the menu system: 1 and open the Picture menu. Press 2 Highlight Mode and press 3 Press to select the picture mode you prefer and press Adjusting the picture quality...

## Page 37: Digital Cc Settings

Note: If the program or video you selected is not closed captioned, no captions will display on-screen. To view text: • Highlight T1, T2, T3, or T4. Note: 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.

## Page 38: Adjusting The Audio

Adjusting the audio Muting the sound Press on the remote control to partially reduce (1/2 MUTE) or turn off (MUTE) the sound. Each time you press , the mute mode will change in the following order: 1/2 Mute Mute Volume If the closed caption mode is set to Off when you select “MUTE”...

## Page 39: Selecting The Optical Audio Output Format

5 To save the new settings, highlight Done and press . To reset the settings to the factory defaults, highlight Reset and press Selecting the optical audio output format You can use this feature to select the optical audio output format when you connect a Dolby Digital decoder or other digital audio system to the Optical Audio Out terminal on the TV (see “Connecting a digital audio system”...

## Page 40: Changing Your Pin Code

• 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 41 Chapter 6: Using the TV’s features Independent rating system for broadcasters Ratings Description and Content themes Mature Audience Only (This program is specifically designed to be viewed by adults and therefore may be unsuitable for children TV-MA under 17.) L) Crude or indecent language S) Explicit sexual activity V) Graphic violence Parents Strongly Cautioned (This program contains some material that many parents would find unsuitable for children under 14 years of age.) TV-14 D) Intensely suggestive dialog L) Strong, coarse language S) Intense sexual situations V) Intense violence Parental Guidance Suggested (This program contains material parents may find unsuitable for younger children.) TV-PG D) Some suggestive dialog L) Infrequent coarse language S) Some sexual situations V) Moderate violence...

## Page 42: Unlocking Programs Temporarily

Unlocking programs temporarily If you try to tune the TV to a program that exceeds the rating limits you set, the TV will enter program lock mode and the following message will appear on-screen: This program exceeds the rating limit you set. Push 'MUTE' to enter PIN. You can either temporarily unlock the program or select an unlocked program to watch.

## Page 43: Using The Panel Lock Feature

Using the panel lock feature You can lock the control panel to prevent your settings from being changed accidentally (by children, for example). When the panel lock is On, none of the controls on the TV control panel will operate except POWER. To lock the panel: 1...

## Page 44: Setting The Pc Audio

• Do not use a USB Hub. • You must obtain any required permission from copyright owners to use copyrighted 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 45: Viewing Photo Files

Manually: 1 and t or u to select the Setup menu. Press 2 Press q to select Media Player, and then press 3 Press p or q to select Photo or Music then press Note: • The viewer will also open even if there are no photo or music files.

## Page 46: At The Same Time

Note: • If playback finishes before 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 Press to pause. • To resume normal playback, press •...

## Page 47: Setting The Sleep Timer

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). To set the sleep timer using the remote control: Press on the remote control to set the length of time until the TV turns off.

## Page 48: Using Regza-Link

Using REGZA-LINK ® This is a new feature that uses CEC technology and allows you to control Toshiba REGZA-LINK compatible devices from the TV remote via HDMI connection ( page 18). When the Enable REGZA-LINK in the REGZA-LINK ® setup menu ( page 49) is set to On, the following REGZA-LINK ®...

## Page 49: Volume And Mute Controls Of Audio Receiver

VOLUME and MUTE controls of Audio Receiver With your TV's remote control, you can adjust or mute the sound volume of the Audio Receiver. • adjust the volume level. • turns off the sound. Note: • To use this function: −...

## Page 50: Understanding The Last Mode Memory Feature

To close the screen: Press again. To display TV status information using INFO: Press on the remote control. The following additional information will display for off air digital channels (if applicable): Title • Duration • Detailed description • Note: The location of the banner can be moved to the top or bottom of the screen by pressing p or q while the RECALL or INFO display is on- screen.

## Page 51: Chapter 7: Using The Tv's Advanced Features

Chapter 7: Using the TV's advanced features Using the advanced picture settings features Using 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: 1...

## Page 52: Using The Clearframe™ Feature

Chapter 7: Using the TV's advanced features Selecting the cinema mode When you view a DVD (3:2 pulldown processed) from a DVD player connected to the VIDEO, ColorStream HD (component video), or HDMI inputs on the TV, smoother motion can be obtained by setting the Cinema Mode to Film. To set the Cinema Mode to Film: (available for 480i and 1080i signals) 1 ...

## Page 53: Using Mpeg Noise Reduction

Chapter 7: Using the TV's advanced features 3 To save the new settings, highlight Done and press To revert to the factory defaults, highlight Reset and press Using MPEG noise reduction The MPEG noise reduction feature allows you to reduce visible interference caused by MPEG compression.

## Page 54: Chapter 8: Troubleshooting

Chapter 8: Troubleshooting General troubleshooting Before calling a service technician, please check this chapter for a possible solution to the problem experienced. Black box on-screen The closed caption feature is set to one of the Text • modes (T1, T2, T3, or T4). Set the closed caption feature to Off (...

## Page 55: Sound Problems

5 seconds. The PIN code you previously stored will be cleared ( page 39). No REGZA-LINK The REGZA-LINK • Toshiba REGZA-LINK Make sure the HDMI cables with the HDMI • Logo ( When the connected REGZA-LINK •...

## Page 56: Chapter 9: Appendix

40SL412U: 1.4 A 46SL412U: 1.1 A 55SL412U/55S41U: 1.2 Power Consumption 40SL412U / 46SL412U: 0.6W in standby mode 55SL412U / 55S41U: 0.6W in standby mode Audio Power: 40SL412U / 46SL412U / 55SL412U / 55S41U: 7 W + 7 W Speaker Type:...

## Page 57: Acceptable Signal Formats For Pc In And Hdmi Terminals

Acceptable signal formats for PC IN and HDMI terminals PC IN signal formats Note: Depending on the connected PC, the following problems may occur; incorrect display, false format detection, picture position failure, blur, or judder. This is not a malfunction of your TV. Format Resolution V.

## Page 58: Limited United States Warranty For Lcd Televisions

The limited warranty period begins on the date of the first rental or thirty (30) days after the date of shipment to the rental firm, whichever comes first. Your Responsibility – Read the owner's manual thoroughly before installing or operating this LCD Television. Complete and mail the enclosed product registration card (if provided) or register your LCD Television online at http://register.toshiba.com. Registration of your LCD Television will enable TAIS to contact you in the unlikely event a safety notification is required under the U.S. Consumer Product Safety Act. Failure to complete and return the product registration card does not diminish your warranty rights. THE ABOVE WARRANTIES ARE SUBJECT TO THE FOLLOWING CONDITIONS: (1) This Limited Warranty is extended only to the original purchaser and only covers product purchased as new.

## Page 59: Limited Canadian Warranty For Toshiba Brand Flat Panel Televisions

BE BROUGHT, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. THEREFORE, THE ABOVE PROVISIONS MAY NOT APPLY TO YOU UNDER SUCH CIRCUMSTANCES. Limited Canadian Warranty Toshiba Brand Flat Panel Televisions Toshiba of Canada Limited ("TCL") makes the following limited warranties to original consumers in Canada. THESE LIMITED WARRANTIES EXTEND TO THE ORIGINAL CONSUMER PURCHASER OR ANY PERSON RECEIVING THIS TOSHIBA BRAND FLAT PANEL TELEVISION (the "TELEVISION(S)"...

## Page 60

SUPERCEDES AND SPECIFICALLY DISCLAIMS ANY OTHER WARRANTY, CONDITION OR REPRESENTATION NOT STATED IN THIS WARRANTY, WHETHER MADE BY TCL, TOSHIBA CORPORATION, THEIR AFFILIATES, ADRs AND ASPs AND WHETHER MADE ORALLY OR IN WRITING (INCLUDING ANY STATEMENT IN ANY BROCHURE, PRESS RELEASE, ANNOUNCEMENT, ADVERTISEMENT, POINT OF SALE DISPLAY, ETC.).

## Page 61

"Excluded Party"), the Excluded Party shall be deemed to be severed or excluded from the provision, and the provision shall remain valid, enforceable and applicable in respect of the other or remaining Related Parties. To the extent permitted by law, this limited warranty shall be governed and construed in accordance with the laws of Ontario. If there is any inconsistency between this limited warranty, on the one hand, and any statement in the packaging of the Television or in any other document enclosed with, or used in the context of the promotion or sale of, the Television, on the other hand, the provisions of this limited warranty shall prevail. How to Obtain Warranty Services If, after following all of the operating instructions in this manual, checked the "Troubleshooting" section, and have visited www.toshiba.ca/support for additional information, you find that service is needed, please contact TCL Customer Support toll free at 1 800 268- 3404. Note If you want to view the advanced functions available for your TV, you can do so by visiting following web page. For USA, http://support.toshiba.com For Canada, http://www.toshiba.ca/support You may obtain the complete Corresponding GPL and LGPL Source code from Toshiba for a period of three (3) years after our last shipment of this product by contacting Toshiba Consumer Solutions at (800) 631-3811. There will be a charge of no more than the cost of physically performing source distribution of the GPL and LGPL code that we distributed to you in this product. Chapter 9: Appendix...

## Page 62

TOSHIBA AMERICA INFORMATION SYSTEMS, INC. Corporate Headquarters: 9740 IRVINE BLVD.; IRVINE, CA 92618 U.S.A. Visual Products Service and Support : 1420-B TOSHIBA

DRIVE, LEBANON, TN 37087, U.S.A. TOSHIBA OF CANADA LTD. HEAD OFFICE: 191 McNABB STREET, MARKHAM, ONTARIO, L3R 8H2, CANADA CableClear, ColorStream, GameTimer, and TheaterWide are registered trademarks of Toshiba America Information Systems, Inc. Channel Browser, DynaLight, ClearFrame, and SurfLock are trademarks of Toshiba America Information Systems, Inc. REGZA-LINK is a registered trademark of Toshiba Corporation.

## This manual is also suitable for:

46sl412u55sl412u55sl417u55s41u40sl412um