TOSHIBA

Leading Innovation

Integrated High Definition LED Television **Resource Guide**

23L2300U 32L2300U 39L2300U 50L2300U

Keen this Resource Guide in a convenient place to access important NOTE formation about your television. To obtain additional in consult the comprehensive electronic User's Guide at support.toshiba.com

- If you need assistance:
- Toshiba's Support Web site support.toshiba.com

Owner's Record

The model number and serial number are on the back and side of vour television. Record these numbers whenever vou communicate with your Toshiba dealer about this television. Model name

Serial number

24) When selecting a location for the TV.

/ibration.

and the fall-pre

parallel to the floor

the back of the TV

TV side

the apparatus.

Never place the TV:

noor ventilation

NEVER allow any part of the TV to hang over the edge of the supporting furniture,
NEVER place the TV on tall furniture (for example, entertainment centers or bookcases) ithout anchoring both the furniture and the TV to a suitable support.

to a suitable support, • Never place cloth or other material between the

level, stable surface that can support the weight of the unit. Secure the TV using one of the

TV and the supporting furniture, • NEVER allow children to climb on the TV.

To avoid damage to this product, never place or store the TV in direct sunlight; hot, humid areas; or areas subject to excessive dust or

26) Always place the TV on the floor or a sturdy,

1) Secure the TV with a mounting screw

• Place the TV on a sturdy surface that has a

sufficient thickness and screw the unit on the

surface securely by using the mounting screw

and the fail-prevention screw hole.
(2) Secure the TV with a sturdy strap to a wall stud, pillar, or other immovable structure.
When connecting the strap:
attach the strap to the TV using the hooks on the back of the TV, the clips on the pedestal, or

the hole in the base of the pedestal as available

make sure the strap is tight, secure, and

Note: The 23L1350U does not include a hook or

27) The product shall not be exposed to dripping

or splashing, and that no objects filled with

iquids, such as vases, shall be placed on

• on a bed, sofa, rug, or similar surface;

too close to drapes, curtains, or walls; or

• in a confined space such as a bookcase

built-in cabinet, or any other place with

tion screw hole.

Sturdy strap (as short as possible

TV top

Register vour Toshiba Television at register.toshiba.com.

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

- 29) Always leave a space of at least 4 (four) inches around the TV. The slots and openings are provided to protect the TV from overheating and to help maintain reliable operation of the TV.
-) Never allow anything to rest on or roll over the power cord, and never place the TV where the power cord is subject to wear or abuse.
-) Never overload wall outlets and extension cords. 32) Always operate this equipment from a 120V
- AC, 60Hz power source.33) Always make sure the antenna system is properly grounded to provide adequate

protection against voltage surges and built-up static charges (see Section 810 of the National Electric Code

Antenna discharge un (NFC Section 810-20) Ground clamp~ Grounding conductor (NEC Section 810-21) Electric service

Power service grounding electrode system (NEC Art 250 Part-H) Ground clamps

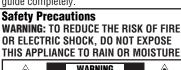
DANGER: RISK OF SERIOUS **PERSONAL INJURY OR DEATH!**

- Use extreme care to make sure you are never in a position where your body (or any item you are in contact with, such as a ladder or screwdriver) can accidentally
- touch overhead power lines. Never locate the antenna near overhead power lines or other electrical circuits. Never attempt to install any of the following during lightning activity: a) an antenna
- 28) Never block or cover the slots or openings in the TV cabinet back, bottom, and sides. system; or b) cables, wires, or any home theater component connected to an antenn or phone system. Care

For better performance and safer operation of your TOSHIBA TV follow these

Dear Customer.

Thank you for purchasing this Toshiba LED TV. This guide will help you use the many exciting features of your new LED TV. Before operating your LED TV, carefully read this uide complete





within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persor

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions See instructions on item 26).

WARNING If you decide to wall mount this elevision, always use a mounting bracket that has been Listed by an independent aboratory (such as UL, CSA, ETL) and is appropriate for the size and weight of this levision. The use of inappropriate or non-Listed mounting brackets could result i serious bodily iniury and/or property damage See "To Display your LED TV using a Wall Bracket:" below

- recommendations and precautions: 35) If you use the TV in a room where the temperature is 32° F (0° C) or below, the picture brightness may vary until the LED warms up. This is not a sign of malfunction.
- WARNING: RISK OF SERIOUS PERSONAL INJURY, OR **EOUIPMENT DAMAGE!**

· Never use chemicals (such as air fresheners, cleaning agents, etc.) on or near the TV pedestal. Studies indicate that plastics may weaken and crack over time from the combined effects of chemical agents and mechanical stress (such as the weight of the TV). Failure to follow these instructions could result in serious iniury and/or permanent damage to TV and TV pedestal

• Always unplug the TV before cleaning. Gently wipe the display panel surface (the TV screen) using a dry, soft cloth (cotton flannel, etc.). A hard cloth may damage the surface of the panel. Avoid contact with alcohol, thinner, benzene, acidic or alkaline solvent cleaners, abrasive cleaners, or chemical cloths, which may damage the surface. Never spray volatile compounds such as

insecticide on the cabinet. Such products may damage or discolor the cabinet. 37) Never hit, press, or place anything on the

back cover. These actions will damage internal parts.



kind into the TV cabinet slots. 39) During a lightning storm, do not touch the connecting cables or product.

CHILD SAFETY:

PROPER TELEVISION Placement matters

TOSHIBA CARES:

- Manufacturers, retailers and the rest of the consumer electronics industry are comr to making home entertainment safe and eniovable
- 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. Televisions that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests,
- carts. etc., may fall over, resulting in injury. TUNE IN TO SAFETY • ALWAYS follow the manufacturer's
- recommendations for the safe installation of vour television.
- ALWAYS read and follow all instructions for proper use of your television. • NEVER allow children to climb on or play on
- he television or the furniture on which the elevision is placed. NEVER place the television on furniture that
- can easily be used as steps, such as a chest of drawers ALWAYS install the television where it cannot
- be pushed, pulled over or knocked down. AI WAYS route cords and cables connected
- to the television so that they cannot be tripped over, pulled or grabbed. WALL OR CEILING MOUNT YOUR TELEVISION
- ALWAYS contact your retailer about professional installation if you have any

NOTE TO CATV INSTALLERS

This is a reminder to call the CATV system installer's attention to Article 820-40 of the U.S. NFC, which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close

- 40) For added protection of your TV from lightning and power surges, always unplug the power cord and disconnect the antenna from the TV if you leave the TV unattended or unused for long periods of time.
- 41) Always unplug the TV to completely disconnect from mains power. When the TV is turned off using the on/off switch it is not completely disconnected from power and a minute amount of current is still consumed.
- 12) 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 Provide

43) WARNING: RISK OF SERIOUS PERSONAL INJURY, OR **EQUIPMENT DAMAGE!**

Never strike the screen with a sharp or

- heavy object. 44) • The LCD screen of this product can be damaged by ultraviolet radiation from the sun. When selecting a location for the television, avoid locations where the screen may be exposed to direct sunlight such as in front of a window. Never touch, press, or place anything on the LCD screen. These actions will damage
- the LCD screen. If you need to clean the screen, follow the instructions in item 36). Service

45) WARNING: RISK OF ELECTRIC SHOCK!

Never attempt to service the TV yourself. Opening and removing the covers may expose you to dangerous voltage or other doubts about your ability to safely mount your

• ALWAYS use a mount that has been ecommended by the television manufacture and has a safety certification by an independent laboratory (such as UL, CSA,

• ALWAYS follow all instructions supplied by the elevision and mount manufacturers. ALWAYS make sure that the wall or ceiling where you are mounting the television is

appropriate. Some mounts are not designed to be mounted to walls and ceilings with steel studs or cinder block construction. If you are unsure, contact a professional installer.

Televisions can be heavy. A minimum of two people is required for a wall or ceiling mount nstallation

MOVING AN OLDER TELEVISION TO A NEW

PLACE IN YOUR HOME Many new television buyers move their older CR televisions into a secondary room after the nurchase of a flat-nanel television. Special care should be made in the placement of older CRT

ALWAYS place your older CRT television or furniture that is sturdy and appropriate for its siz

NEVER place your older CRT television on a dresser where children may be tempted to use the drawers to climb. • ALWAYS make sure your older CRT television

and weight.

see 33) and 34).

CEA does not hang over the edge of your furniture.

to the point of cable entry as practical. For

additional antenna grounding information.

CE.org/safety table specified by the manufacturer, or sold with the apparatus avoid injury from tip-over

of the TV.

annlicahle

hazards. Failure to follow this WARNING may result in death or serious injury. Refer all servicing not specified in this manual to a Toshiba Authorized Service Provider.

46) If you have the TV serviced: Ask the service technician to use only replacement parts specified by the manufacturer.

• Upon completion of service, ask the service technician to perform routine safety checks to determine that the TV is in safe operating condition

Choosing a location for your LED TV To Display your LED TV on the included

Pedestal Stand: Observe the following safety precautions: 1) Read and follow the pedestal assembly instructions included with the pedestal

CAUTION: Before beginning pedestal assembly, carefully lay the front of the LCD Panel face down on a flat cushioned surface such as a quilt or blanket. Leave the bottom of the unit protruding over the edge of the surface and assemble the

pedestal as indicated below. *Note:* Extreme care should always be used when attaching the pedestal stand to avoid damage to the LCD panel. 2) Place the TV on a sturdy, level surface that

can support the weight of the TV. B) Be sure to secure the TV to a wall stud, pillar, surface, or other immovable structure. See item 26) for additional

To Display your LED TV using a Wall Bracket If you decide to wall mount your LED TV, always use a wall bracket Listed by an independent laboratory (such as UL, CSA, ETL) that is appropriate for the size and eight of the TV

1) CAUTION: Two people are required for

over the edge of the surface damage to the LCD panel

pedestal stand.

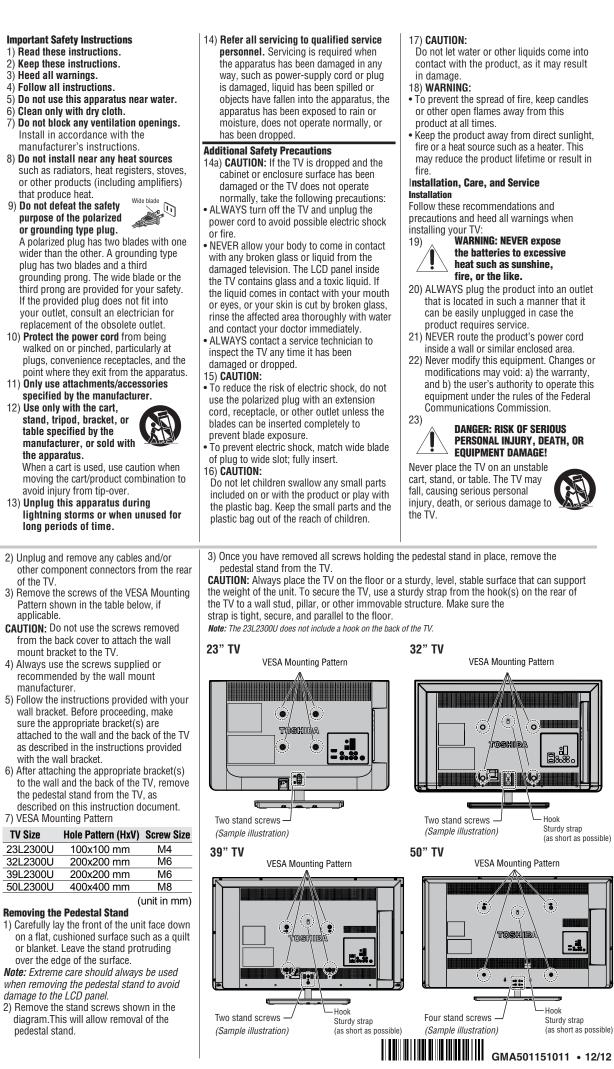
with the wall bracket.

manufacturer.

the pedestal stand from the TV, as

23L2300U 100x100 mm 32L2300U 200x200 mm 39I 2300U 200x200 mm

50L2300U 400x400 mm moving the Pedestal Stand



FCC Declaration of Conformity Compliance Statement (Part 15): Toshiha

23L2300U/32L2300U/39L2300U/50L2300U 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

(2) This device must accept any interference received, including interference that may cause undesired operation.

The party responsible for compliance to these rules is:

Toshiba America Information Systems, Inc. 9740 Irvine Blvd., Irvine, CA 92618. Phone: 800-631-3811

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by removing and applying power to the equipment, the user is encouraged to try to correct the interference by one of the following measures:

• Reorient or relocate the receiving antenna • Increase the separation between the

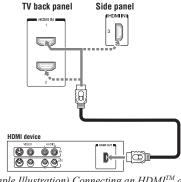
equipment and receiver

· Connect the equipment into an outlet on a

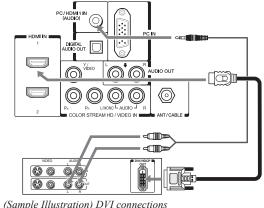
Connecting your TV

For detailed information, see the "Connecting your TV" section in the User's Guide located at support.toshiba.com.

Connecting an HDMI[™] or DVI device to the HDMI[™] input



(Sample Illustration) Connecting an HDMITM device



For more information, see the "Connecting an HDMITM or DVI device to the HDMITM input" section in the User's Guide.

circuit different from that to which the receiver is connected. • 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[®] User Information

ENERGY STAR User Information Statement: the factory default settings of this television meet ENERGY STAR[®] requirements. Changing Picture Settings may increase energy consumption, possibly beyond the limits required for ENERGY STAR qualification. To ensure your television is operating at optimal energy efficiency, select [Home] mode during initial activation. To return to [Home] mode settings, select [Standard] picture mode. [Standard] mode is recommended for normal home use.

> ENERGY STAR® qualified TV. Products that earn the ENERGY STAR prevent green house gas emissions by meeting strict quidelines set by the U.S.

al Protection Agency. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks.

Important notes about your TV

The following symptoms are technical limitations of LCD Display technology and are not an indication of malfunction: therefore. Toshiba is not responsible for perceived issues resulting from these symptoms. 1) An afterimage (ghost) may appear on the screen if a fixed, non-moving image appears for a long period of time. The afterimage is not permanent and will disappear in a short period of time.

shooting a "gun" type of joystick at an on-screen target may not work with this TV. **Trademark Information** ColorStream is a registered trademark of

Toshiba America Information Systems, Inc. and/or Toshiba Corporation.

2) The LCD panel contained in this TV is

manufactured using an extremely high

level of precision technology: however.

there may be an occasional pixel (dot of

light) that does not operate properly (does

not light, remains constantly lit, etc.). This

is a structural property of LCD technology,

is not a sign of malfunction, and is not

Note: Interactive video games that involve

from a normal viewing distance.

covered under your warranty. Such pixels

are not visible when the picture is viewed

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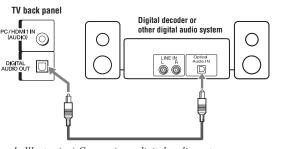
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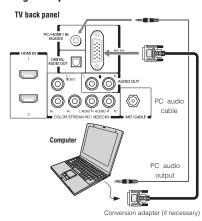
Connecting a digital audio system



(Sample Illustration) Connecting a digital audio system

For more information, see the "Connecting a digital audio system" in the User's Guide.

Connecting a computer

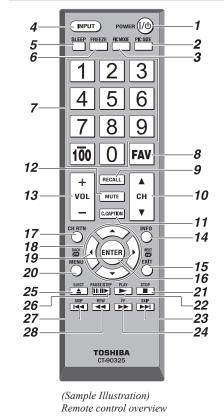


(Sample Illustration) Computer connections For more information, see the "Connecting a computer" section in the User's Guide

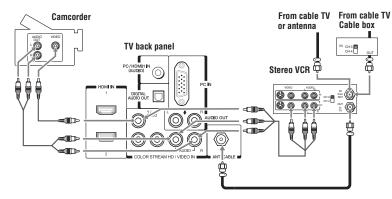
Using the Remote

The buttons used for operating the TV are described here. For the HDMITM CEC remote control functions, see the "HDMITM CEC playback device (DVD player, etc.) control" section in the User's Guide.

The error message "NOT AVAILABLE" may appear if you press a button for a function NOTE that is not available



Connecting a VCR, antenna, cable TV, or camcorder



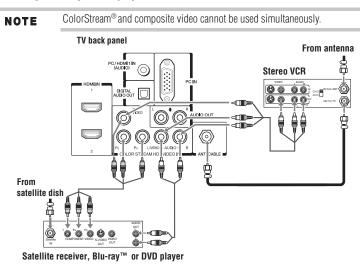
(Sample Illustration) Connecting to a VCR, antenna, or cable TV or camcorder

For more information, see the "Connecting a VCR, antenna, cable TV, or camcorder" section in the User's Guide

Ц	101	d	IUNCTION	

Item:	Description:	Function:	
1	POWER button	Turns the TV On and Off. When the TV is on, the power LED indicator on the front of the TV glows green.	
2	PIC SIZE button	Cycles through the picture sizes, see the "Selecting the picture size" section in the User's Guide.	
3	PIC MODE button	Selects the picture mode, see the "Selecting the picture mode" section in the User's Guid	
4	INPUT button	Selects the video input source, see the "Selecting the video input source" section in the User's Guide.	
5	SLEEP button	Accesses the sleep timer, see the "Setting the sleep timer" section in the User's Guide.	
6	FREEZE button	Freezes the picture. Press again to restore the moving picture, see the "Using the FREEZE feature" section in the User's Guide.	
7	Channel Number buttons (0-9)	Directly tunes channels. The 100 button allows you to enter two part channel numbers, see the "Storing channels in memory (optional)" section, or to edit the Favorites List, see the "Favorites browser" section in the User's Guide.	
8	FAV button	Accesses the Favorites List in the Channel Browser, see the "Favorites browser" section in the User's Guide.	
9	RECALL button	Displays TV status information.	
10	CH (▲/▼) buttons	Cycles through programmed channels.	
11	C. CAPTION button	Accesses closed captions, see the "Using closed captions" section in the User's Guide	
12	MUTE button	Reduces or turns off the sound, see the "Muting the sound" section in the User's Guide	
13	VOL (+ /-) buttons	Adjusts the volume level.	
14	INFO button	Displays TV status information as well as program details, when available, see the "Displaying TV information" section in the User's Guide.	
15	EXIT button	Closes on-screen menus.	
16	ENTER button	Activates highlighted items in the main menu system.	
17	CH RTN button	Returns to the last viewed channel or source, see the "Switching between two channels using Channel Return" section in the User's Guide.	
18	(▲/▼/◀/▶) buttons	Selects or adjusts programming menus when a menu is on-screen.	
19	(◀/►) buttons	Opens the Channel Browser and tunes to the previous/next channel in the channel history when TV programming is on-screen. See the "Tuning channels using the Channel Browser" section in the User's Guide.	
20	MENU button	Accesses the main TV menu system. See the "Navigating the menu system" section in the User's Guide.	
21-28	Playback buttons	Controls the HDMI™ CEC compatible devices. See "Learning about the remote control" section in the User's Guide.	

Connecting a Blu-ray™/DVD player, satellite receiver with ColorStream® or VCR



(Sample Illustration) Connecting a Blu-ray™/DVD player, satellite receiver with ColorStream® or VCR

For more information, see the "Connecting a Blu-rayTM / DVD player, satellite receiver with ColorStream® or VCR" section in the User's Guide.

Troubleshooting

Refer to the "Troubleshooting" chapter in the online User's Guide at support.toshiba.com. If you are still having trouble you may need to contact Toshiba for additional assistance.

Toshiba Support

If you require help or are having problems operating your product, visit the Toshiba Support Web site at support.toshiba.com