SHARP®

LC-29LE440M
LC-39LE440M

LCD COLOUR TELEVISION

OPERATION MANUAL

AQUOS

HDMI **DOLBY DIGITAL**

Full HD 1920×1080 **DIVX™**

Only for LC-39LE440M
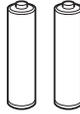
Printed in Thailand

Supplied accessories

Remote control unit

"AAA" size battery (×2)

Antenna adaptor

(For Philippine model only)

Operation manual

Stand base

Screws

Contents

Dear SHARP customer

Thank you for your purchase of the SHARP LCD colour TV product. To ensure safety and many years of trouble-free operation of your product, please read the Important Safety Precautions carefully before using this product.

Important Safety Precautions

- Cleaning — Unplug the AC cord from the AC outlet before cleaning the product. Use a soft damp cloth to clean the product. Do not use liquid cleaners, aerosol cleaners or chemical cloth to clean it, as such materials may damage the product.
- Water and moisture — Do not use the product near water, such as bathtub, washbasin, kitchen sink, laundry tub, swimming pool and in a wet basement.
- Do not place vases or any other water-filled containers on this product. The water may spill onto the product causing fire or electric shock.
- Stand — Do not place the product on an unstable cart, stand, tripod or table. Doing so can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- When relocating the product placed on a cart, it must be moved with utmost care. Sudden stops, excessive force and uneven floor surface can cause the product to fall from the cart.
- Ventilation — The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
- The LCD panel used in this product is made of glass. Therefore, it can break when the product is struck forcefully or with a sharp object. If the LCD panel is broken, be careful not to be injured by broken glass.
- Heat sources — Keep the product away from heat sources such as radiators, heaters, stoves and other heat-generating products (including amplifiers).
- To prevent fire, never place any type of candle or naked flames on the top or near the TV set.
- To prevent fire or shock hazard, do not place the AC power cord under the TV set or other heavy items.
- Do not place heavy objects on this product or stand on it. Doing so could cause injury if the product overturns. Take special care near children and pets.
- The LCD panel is a very high technology product with 1,049,088 (only for LC-29LE440M)/2,073,600 (only for LC-39LE440M) pixels, giving you fine picture details.
  Due to the very large number of pixels, occasionally a few non-active pixels may appear on the screen as a fixed point of blue, green or red. This is within product specifications and does not constitute a fault.
- Headphones—Do not set the volume at a high level. Hearing experts advise against extended listening at high volume levels.
- Do not display a still picture for a long time, as this could cause an after image to remain.

   Precautions when transporting the TV
- When transporting the TV, never carry it by holding or otherwise putting pressure onto the display. Be sure to always carry the TV by two people holding it with two hands — one hand on each side of the TV.
- Install the product on the place where the AC cord can be unplugged easily from the AC outlet.
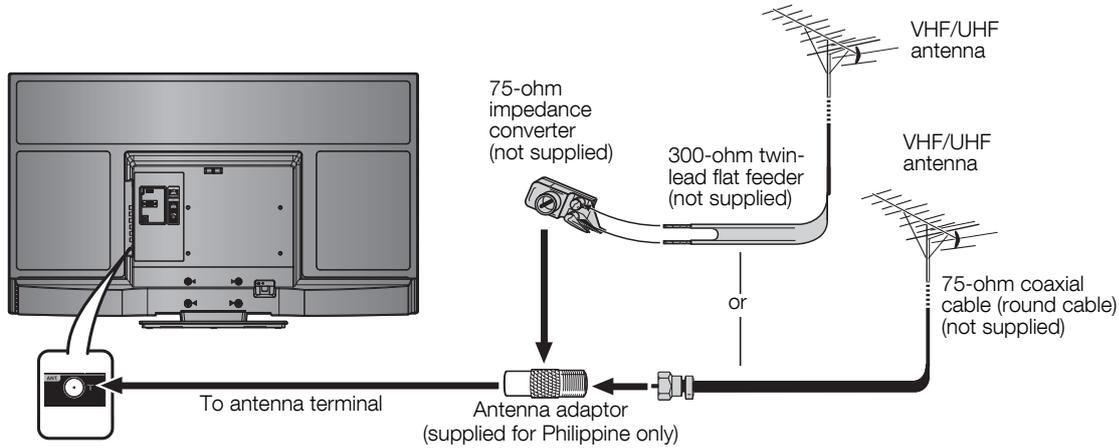
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Setting the TV

Connecting the antenna cable
To enjoy a clearer picture, use an outdoor antenna.

If your outdoor antenna uses a 300-ohm twin-lead flat feeder (F type), connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set. If you use M type plug, plug it into the antenna jack at the rear of the set directly.

VHF/UHF antenna

VHF/UHF antenna

75-ohm impedance converter (not supplied)

300-ohm twin-lead flat feeder (not supplied)

75-ohm coaxial cable (round cable) (not supplied)

or

To antenna terminal

Antenna adaptor (supplied for Philippine only)

For Philippine model only

If your outdoor antenna uses a 75-ohm coaxial cable with a standard DIN45325 plug (IEC 169-2), plug it into the antenna jack at the rear of the set.

If your outdoor antenna uses a 75-ohm coaxial cable with F type plug, plug it into the antenna jack at the rear of the set.

CAUTION

- **TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT TOUCH UN-INSULATED PARTS OF ANY CABLES WITH THE AC CORD CONNECTED.**

- The illustrations used throughout this manual are based on LC-39LE440M.

NOTE

- The method of connection differs depending on a type of wires for aerials that you use. Attach an optional conversion plug (for the Philippines) compatible with the type of wires for arials that you use to the installation device. Make sure to power off the device for safety when you connect to a wire for aerials.

Attaching the stand

- Before attaching (or detaching) the stand, unplug the AC cord from the AC outlet.
- Before performing work spread cushioning over the base area to lay the TV on. This will prevent it from being damaged.

1 Confirm the screws supplied with the TV.
LC-29LE440M Screw (4 × 16 mm): × 4, (4 × 10 mm): × 1
LC-39LE440M Screw (4 × 10 mm): × 4, (4 × 25 mm): × 3

2 Attach the stand base, insert and tighten the screws into the holes on the bottom of the stand base.

NOTE

- To detach the stand, perform the steps in reverse order.

LC-29LE440M

4x10 mm
4x16 mm

LC-39LE440M

4x10 mm
4x25 mm
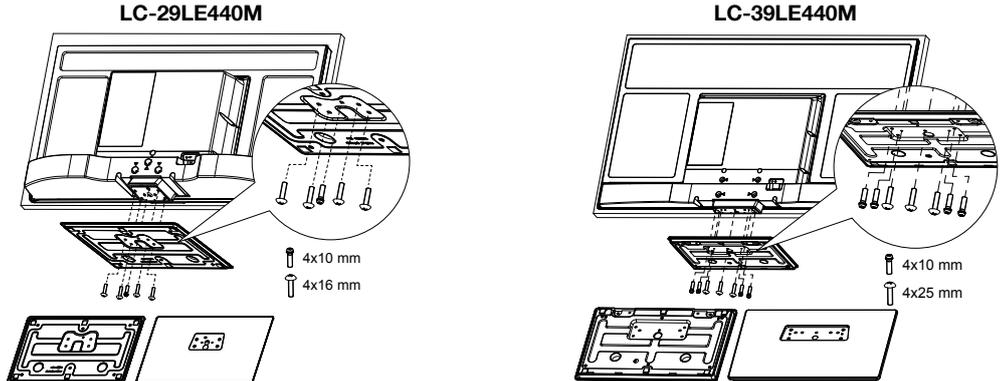
Connecting external devices

You can connect many types of external equipment to your TV, like a VCR, game console, camcorder, DVD player and PC. To view external source images, select the input source from **INPUT SELECT** on the remote control unit or ⊟**/ENTER** on the TV.

⚠️**CAUTION**

- To protect all equipment, always turn off the TV before connecting to a VCR, game console, camcorder, DVD player, PC or other external equipment.
- Refer to the relevant operation manual (VCR, DVD player, etc.) carefully before making connections.

Connecting a VCR, game console or camcorder

A VCR, game console, camcorder and some other audiovisual equipment can be conveniently connected using the composite terminals.
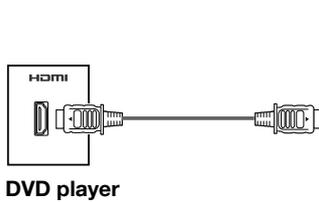
When using composite A/V cable (commercially available)
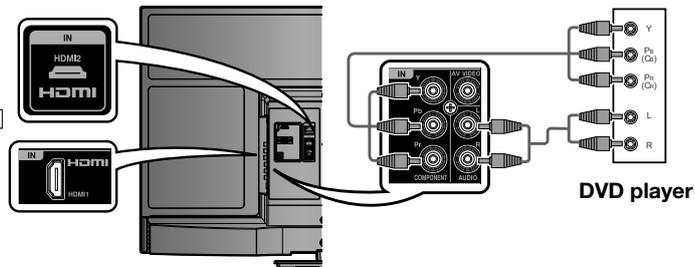
VCR/Game console/ Camcorder
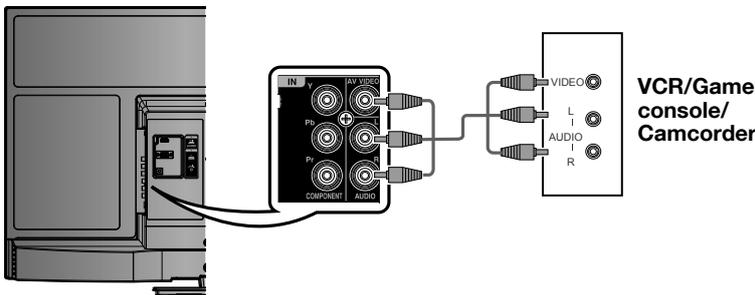
Connecting a DVD player

You can use the Component/HDMI1/HDMI2 terminals when connecting to a DVD player and other audiovisual equipment.

When using HDMI-certified cable (commercially available)

When using component cable (commercially available)

DVD player

DVD player

Connecting a PC

You can use the PC Monitor terminal when connecting to a PC.

PC
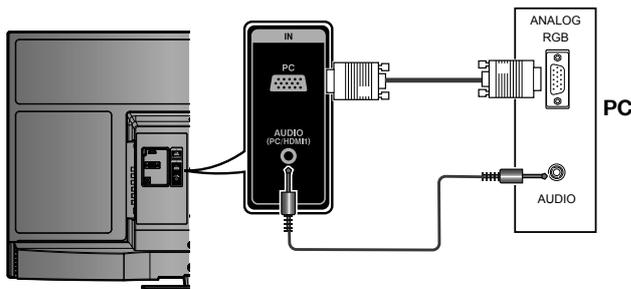
PC compatibility chart

Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
VGA	640 × 480	31.5 kHz	60 Hz	✓
SVGA	800 × 600	37.9 kHz	60 Hz	✓
XGA	1024 × 768	48.4 kHz	60 Hz	✓
WXGA	1280 × 768	47.7 kHz	60 Hz	✓
WXGA	1280 × 720	45.0 kHz	60 Hz	✓
WXGA	1360 × 768	47.7 kHz	60 Hz	✓
SXGA	1280 × 1024	64.0 kHz	60 Hz	✓
WXGA+	1440 × 900	55.9 kHz	60 Hz	✓
FULL HD	1920 × 1080	67.5 kHz	60 Hz	✓

VGA and XGA are registered trademarks of International Business Machines Corp.

- The illustrations used throughout this manual are based on LC-39LE440M.

Remote control unit
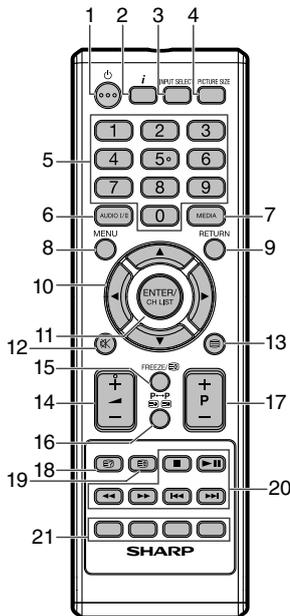
1 ⏻ **(POWER)**
Enter standby mode or turn on the power

2 *i* **(info)**
Display program position number

3 **INPUT SELECT**
Select an input source

4 **PICTURE SIZE**
Select picture format

5 **0 – 9**
Select channel
Select Teletext page

6 **AUDIO I/II**
Select between the available broadcast audio

7 **MEDIA**
To enter Media Browser

8 **MENU**
Activate the menu / In menu, return 1 step

9 **RETURN**
Exit menu / In Media browser, return 1 step

10 **▲/▼/◀/▶ (Cursor)**
Cursor buttons

11 **ENTER/CH LIST**
Memorize
Channel List

12 **◁✕ (MUTE)**
Turn the sound on/off

13 **▤ (TELETEXT)**
Teletext ON / Text mix / OFF

14 **◢ (+/-)**
Volume

15 **FREEZE / ▣ (HOLD)**
Still picture
Hold the text page

16 **P↔P/ ▣▣ (SUBPAGE)**
Switches between the present channel and the last selected channel
Sub page selection

17 **P (+/-)**
Change the TV channel or Teletext page up or down

18 **▤? (Reveal hidden or TELETEXT)**
Reveal quiz page answers

19 **▤ (TOP/BOTTOM/FULL)**
Teletext enlargement

20 **■ / ▶II / ◀◀ / ▶▶ / I◀◀ / ▶▶I**
Control buttons for USB-playback

21 **▢▢▢▢**
Fastext/TOPtext buttons

Inserting the batteries

Before using the TV for the first time, insert two "AAA" size batteries (supplied). When the batteries become depleted and the remote control fails to operate, replace the batteries with new "AAA" size batteries.

1 Open the battery cover.   **2** Insert the two supplied "AAA" size batteries.   **3** Close the battery cover.
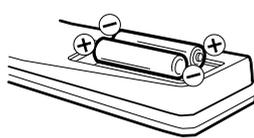
• Place batteries with their terminals corresponding to the (+) and (−) indications in the battery compartment.

⚠ **CAUTION**

• Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
• If the remote control will not be used for a long time, remove the batteries.
• Do not subject the remote control unit to shock. In addition, do not soak the remote control unit with liquids or place it in an area with high humidity.
• Do not install or place the remote control unit under direct sunlight. The heat may cause deformation of the unit.

Part names

TV (Front)
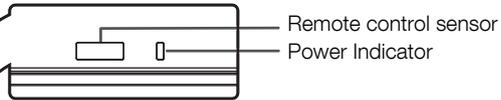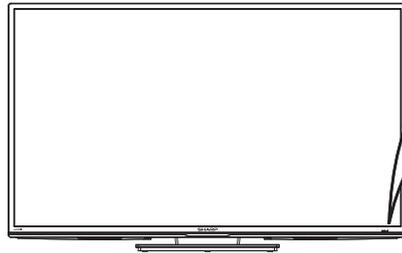
Remote control sensor
Power Indicator

POWER indicator

Lighted (Red)	The TV is off (standby mode).
Lighted (Green)	The TV is on.

TV (Rear/Location of controls)
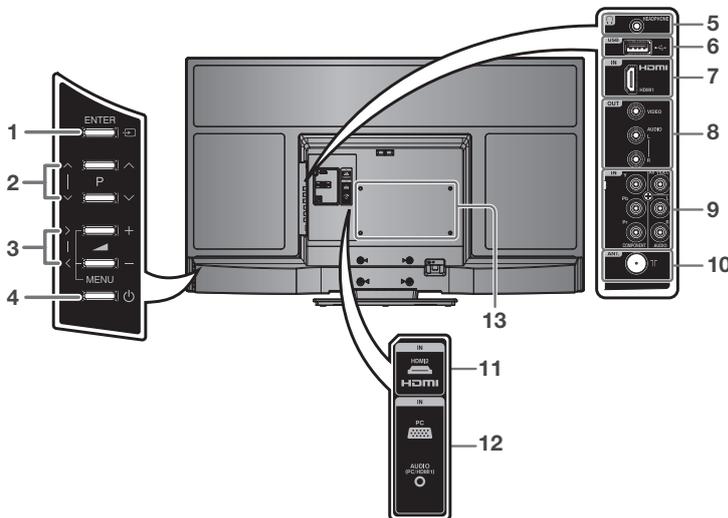
1 ⊡/**ENTER** button

2 **P** (Channel) ∧/∨/∧/∨ buttons

3 ◢ (Volume) **+/−/**〉/〈 buttons, **MENU** button

Press hold ◢ (Volume) **+/−** simultaneously about 1 second the menu will be appear.

4 ⏻ (Power) button

5 **HEADPHONE** jack (∅ 3.5 mm)
- The speakers do not output volume when headphones are plugged in.

6 **USB** terminal*

7 **HDMI 1** Input terminal
- AUDIO PC/HDMI1/HDMI2 input alternative

8 **VIDEO** Output terminal

9 **COMPONENT/AV VIDEO** Input terminals
- Audio input alternative

10 **ANT.** (Antenna) input terminal

11 **HDMI 2** Input terminal

12 **PC** Monitor Input
- Audio input mini pin jack

13 **Bracket holes** Fix a wall mounting bracket (not supplied) here. Before wall-mounting, please check carefully the location of the TV's mounting-holes.
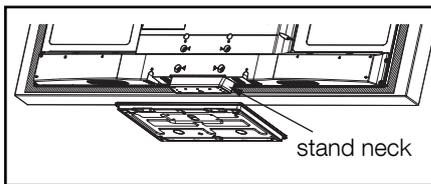
Warning: When mounting the TV on a wall, NEVER remove the stand neck.

stand neck

* USB terminal use for USB Media Player. (See page 13.)

- The illustrations in this operation manual are for explanation purposes and may vary slightly from the actual operations.
- The illustrations used throughout this manual are based on LC-39LE440M.

Auto setup

Your television has an Automatic Tuning System which makes tuning in your television easy. This Automatic tuning System scans the entire reception range in your area and automatically stores all available analogue channels of suitable signal strength in the correct order.

Preparation:
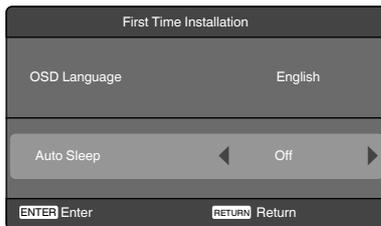Press ⏻ (Power).

1 First Time Installation menu will appear.
Press ◄/► to select desired language.

First Time Installation		
OSD Language	◄ English ►	
Auto Sleep	Off	
ENTER Enter	**RETURN** Return	

2 If you cancel Auto Sleep (see page 12), press ▲/▼/◄/► to select "Off". Then press **ENTER**.

First Time Installation		
OSD Language	English	
Auto Sleep	◄ Off ►	
ENTER Enter	**RETURN** Return	

3 TV will search for TV-channels. Connect your antenna now.
The tuning's progress will be displayed in percent for confirmation.

> **NOTE**
> • **Please be patient - the Auto Tuning process can take several minutes to complete.**

4 When the display reads 100%, normal TV-screen will appear.

> **NOTE**
> • To cancel the auto tuning, press **RETURN**, then press ◄ to select "Yes" during the process.

THE AUTOMATIC TUNING PROCESS WILL ONLY START BY ITSELF THE FIRST TIME YOU SWITCH THE SET ON. HOWEVER YOU CAN RESTART THIS PROCESS VIA THE MENU SYSTEM (see page 12).
• If you could not set up a correct language in this auto setup process, you will be able to make your preferred language selection as illustrated in page 8 (On-screen Language Selection).

Quick guide for Menu operation

Call Menu and for example: Select "Auto Tuning".

1 Press **INPUT SELECT**. Select TV, then press **ENTER**. Press **MENU**.

2 Press ◄/► to select "CHANNEL", then press ▼ or **ENTER**.

CHANNEL	Auto Tuning
	ATV Manual Tuning
	Programme Edit

3 Press ▲/▼ to select "Auto Tuning", then press ► or **ENTER**.

CHANNEL	Auto Tuning
	ATV Manual Tuning
	Programme Edit

Press ◄/► to select "Yes" to confirm or choose the "No" to return to the menu screen.

... on the following pages the MENU can be called in the same way as here.

4 Press **RETURN** to exit the menu.

> **NOTE**
> • The Menu screen disappears automatically after a defined period of time with "OSD Timer". (see page 12)
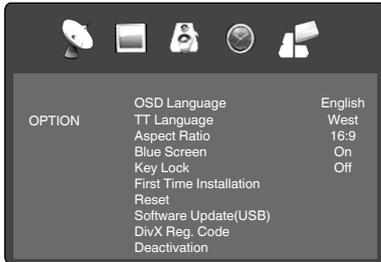
Selecting the input source

Press **INPUT SELECT** to view a signal from another device connected to your TV, such as a VCR or DVD player. You can select each input source depending on which input jacks you used to connect your devices.

To select the video input source, press ▲/▼, then press **ENTER**.

On-screen Language Selection

1 Press **MENU** (unless you have already selected when the set was first switched on). Then press ◄/► to select "OPTION", then press ▼ or **ENTER**.

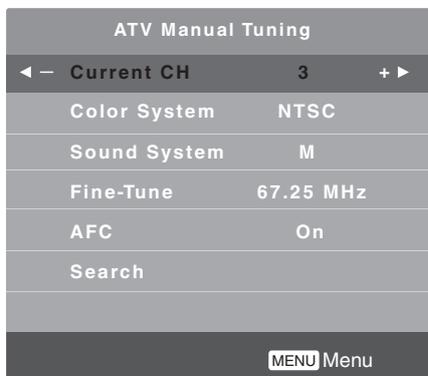| OPTION	OSD Language	English
	TT Language	West
	Aspect Ratio	16:9
	Blue Screen	On
	Key Lock	Off
	First Time Installation	
	Reset	
	Software Update(USB)	
	DivX Reg. Code	
	Deactivation	

2 Press ▲/▼ to select "OSD Language", then press ◄/► to select the desired language.

3 Press **RETURN** to exit the menu.

Channel Setup

Press **MENU**. Select "CHANNEL/ATV Manual Tuning", then press ► or **ENTER**.

Press ▲/▼ to select desired item, then press ◄/► to setting.

ATV Manual Tuning	
◄ — Current CH	3 + ►
Color System	NTSC
Sound System	M
Fine-Tune	67.25 MHz
AFC	On
Search	
	MENU Menu

Current CH: Set the channel number.
Color System: Select the color system. Color System has already been preset to automatic. Do not change anything here. Any changes can cause picture or sound disruption.
Sound System: Select the sound system. The correct sound system is already installed. Any changes can cause sound disruption.
Fine-Tune: Adjust the frequency of the channel finely.
AFC: Automatic Fine Tuning.
Search: Press ◄ to search down from the current frequency, and press ► to search up.

Press **RETURN** to exit the menu.

Programme Edit

You can preset your favorite channel (Channel List). Press **MENU**. Select "CHANNEL/Programme Edit", then press ► or **ENTER**.

Programme Edit	
↕ 1 ABC	ATV
2	ATV
3	ATV
4	ATV
5	ATV
6	ATV
7	ATV
8	ATV
9	ATV
10	ATV
● Delete ● Rename ● Move ● Skip	
ENTER Enter	MENU Menu

Delete (red button): You can delete channel.
Rename (green button): You can input or change the name of a channel on the cursor screen with ▲/▼/◄/►, **ENTER** and **Green** buttons.
Move (yellow button): Press ▲/▼ to select the position that you want to swap the channel with, then press **Yellow button**.
Skip (blue button): ⊘ mark will appear.

Basic Operation

Channel selection

With the **Numbered buttons (0-9)**.
Example:
- No. 2: Press **2**.
- No. 29: Press **2** and within 2 seconds, press **9**.
- No. 929: Press **9, 2, 9** same as above.

Press **P +/-** to change up or down a channel. This takes approx. 2 seconds. If the auto search only stored 5 stations, only these 5 will appear. Skipped channels will not appear.

🖉 **NOTE**

- As TV CH is called up when you input and set the first digit, CH inputs of over two digits cannot be made with external input.

Channel List

The Channel List shows a list of all receivable programmes.
Press **CH LIST** to display the Channel List.
Press ▲/▼ then press **ENTER** to select the desired channel.
Press **CH LIST** to display the selected channel.

🖉 **NOTE**

- To display the programmes on the channel list, it is necessary to input the programme name in "Programme Edit" mode.

Information display

Press *i*. The program information will appear for approx. 5 seconds.

Quick View

P↔P button allows you to go back to the last selected TV channel.
When you press **P↔P** during external input mode, TV switches to the last channel.
Also, when you press **P↔P** during TV, you will not return to external input mode, but only switch channels between last channel and current channel.

MUTE

Press ⊄✕. The sound will be cut off.
The MUTE can be released by pressing ⊄✕ again or ◢ **(Volume) +** or **-**.

Still picture

Press **FREEZE** to make a still picture. To cancel the still picture, press **FREEZE** again.

✎ NOTE

- The still picture function is available only for TV and AV-input mode.
- During still picture mode, Aspect Ratio feature is not available. (If you press **PICTURE SIZE**, still picture mode will be canceled.)
- During the playback of a movie file in MEDIA mode, still picture function is not available.

✎ NOTE

- During TV or external input mode, if there is no signal reception, the TV will change to standby after approx. 15 minutes (PC mode: 5 minutes).
- Some functions are activated and de-activated with the same key. Others require **RETURN** key for de-activating.

Teletext

Teletext is sent page by page. This unit is able to automatically store up to 899 pages, but they can only be accessed once they have been stored. This can take a few moments.

TT Language menu allows the installation of the teletext language.

The languages displayed are only those supported by the channel.

Fastext/TOPtext

The Fastext/TOPtext is teletext with a special directory. On the lower part of the screen there are four different coloured fields (red, green, yellow and blue). These fields lead directly to the pages shown within. The coloured buttons on the remote control correspond to the coloured fields. Press the appropriate coloured button in order to activate the desired colour field.

Switch on / off Teletext

Teletext is not transmitted by all channels.
Select a channel that shows teletext.
Press ▤. You will now see a teletext page.
(If "100" is shown without any text information, it may mean that the channel you have selected does not support teletext.)
Press ▤ again. Teletext and TV picture are shown simultaneously.
Press ▤ again in order to switch off teletext.
Press ▤ again in order to switch on teletext again. The last page which was stored is now shown.

✎ NOTE

- You cannot select any other channels as long as teletext is switched on. Switch teletext off when you want to switch over to another channel.

Select Page

Press **P +/-** until the page you desire appears. Or ... enter the requested page number by using the **10 Number Buttons**.
And if you mistype something, just enter the complete 3-digit wrong page number then enter the desired number again. Or ... press one of the coloured teletext buttons so that a page from Fastext/TOPtext is shown.

Hold Pages

Some pages are divided up into subpages by the channel.
Subpages are automatically shown in turn, as they are transmitted. In order to hold the page, press ▤. Press ▤ again in order to display the next subpage.

Directly Select Subpages

You can directly select the subpages if required. You may use one of two operations.

1. Press ▤ ▤ in order to select subpage 2. 0 0 0 0 is shown. Enter **0 0 0 2**. It can take a minute before subpage 0002 appears. Press ▤ ▤ again in order to switch off the subpage feature.

Or:

2. Wait a few seconds, and the right now available subpages will be shown in the bottom line. Select your page with ◀/▶.

Enlargement

In order to enlarge the display, press ▤.
Either the upper or lower half of the screen is enlarged. Each time you press ▤ you switch between the display of the upper or lower half of the screen or the full picture.

Answering Quiz Questions

Some pages contain quiz questions with concealed answers.
Press ▤ in order to show the answers.

Stereo reception in analogue cable TV channel mode

You can see the each signal type you selected on the TV-screen when you press *i*.

When 2-channel sound reception is available, you can select your preferred audio with the AUDIO I/II.
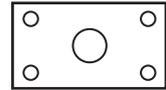
Each time you press **AUDIO I/II**, the sound channel will switch to the alternative channel available.

◇ NOTE

• In case of bad reception, the stereo sound also can be disturbed.

• The sound multiplex displayed when *i* pressed is user selected sound. It may not the same one which is from the program being broadcasted

Picture Format

Picture Size

The required picture format can be set by pressing the **PICTURE SIZE** button. Press **PICTURE SIZE** until the required format is displayed.
You move through the following formats when you press the button: 4:3, 16:9, Cinema, Real.

Other formats

Press **PICTURE SIZE** until the desired size is reached.

4:3
The picture is displayed in 4:3 format with black bars to the right and left.
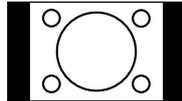
16:9
The width of the picture will be zoomed evenly.

Cinema
Use Cinema to increase a small 4:3 letterbox signal.

4:3 Letterbox picture increased to Cinema format.

Real
All images are displayed on the TV screen of 16:9 ratio without overscanning.

Selectable picture mode
TV - 4:3, 16:9, Cinema
AV - 4:3, 16:9, Cinema
Component (SD) - 4:3, 16:9, Cinema
Component (HD) - 4:3, 16:9
HDMI (SD) - 4:3, 16:9, Cinema, Real
HDMI (HD) - 4:3, 16:9, Real
PC - 4:3, 16:9
Media (Movie) - 4:3, 16:9, Cinema
Media (DivX) - 4:3, 16:9, Cinema, Real

Other convenience functions

You can change the default settings to convenience use.

Selected Items				Setup hint
CHANNEL				See page 7, 8.
PICTURE				
	Picture Mode			
		Dynamic		Enhanced picture contrast and sharpness (factory-set)
		Standard		Standard picture quality (factory-set)
		Mild		Intended for bad-quality signals (factory-set)
		User		Your personal preferences
	Contrast / Brightness / Color / Tint / Sharpness (available only when you selected "User" at Picture Mode)			You can adjust the picture to your preference. • Tint is available in NTSC-signal mode or Component/HDMI-signal with 60Hz.
	Color Temperature			Cool (Bluish) / Medium (Neutral) / Warm (Reddish)
	Noise Reduction			Sometimes it is not possible to input a high-quality HD signal. The actual signal input is too small and noisy, e.g. a video film in letterbox format, or a noisy analogue cable TV signal. This feature can slightly reduce interferences caused by the faulty input signal.
		Off / Low / Middle / High		
	Backlight			You can use the Backlight feature to adjust the screen brightness for improved picture clarity.
SOUND				
	Sound Mode			You can change the sound mode setting. If you select "User", you can change the setting of Treble and Bass and TV memorizes your setting.
		Standard / Music / Movie / Sports / User		
	Treble / Bass / Balance (Treble / Bass are available only when you selected "User" at Sound Mode)			You can adjust the sound quality to your preference.
	Auto Volume			This will automatically adjust volume so each channel and input has the same average volume level.
		On / Off		
	Surround			The Surround-Sound feature processes the audio signal to expand the listening field wider and deeper to create a 'pseudo surround-sound' from the TV's speakers. The feature works with stereo signals from TV broadcast or AV input.
		On / Off		

Other convenience functions (Continued)

Selected Items			Setup hint
TIME			
	Sleep Timer		Sleep Timer switches the TV to standby after a defined period of time.
		Off/10/20/30/60/90/120/180/240min	To cancel the Sleep Timer, set to "Off".
	Auto Sleep		When the Set and Remote key operation are not operated with specified period by this setting(3/4/5 H),
		Off/3/4/5 H	the power status is changed to stand by mode automatically.
	OSD Timer		OSD is cleared automatically as per this setting.
		5/10/15/20/25/30 S	• "CH LIST" OSD will disappear after 10 seconds in spite of this setting. • The OSD which is linked with the OSD Timer setup is limited to the OSDs for the overall Menu and the Input Select.
OPTION			
	OSD Language		See page 8.
	TT Language		See page 9.
	Aspect Ratio		See page 10.
	Blue Screen		On: You can set the TV to automatically change to a blue screen and mute the sound if the signal is weak or absent.
		On / Off	
	Key Lock		You can lock the panel buttons to prevent your settings from being changed accidentally (by children, for example).
		On / Off	When the Key Lock is in On, all control buttons on the TV panel do not operate.
	First Time Installation		See page 7.
	Reset		Press ► or **ENTER** to enter the Reset to default screen. Press ◄ to select "Yes". Reset the TV function will now begin. • When you proceed the Reset function and all item in the PICTURE, SOUND, TIME, OPTION will back to factory value. At this time, TV channel preset will not reset.
	Software Update (USB)		Upgrade the software with the USB drive , check with your SHARP authorized Service Center.
	DivX Reg. Code		In order to play DivX® VOD (Video On Demand) content on this unit, you first need to register the unit with your DivX® VOD content provider. You do this by generating a DivX® VOD registration code, which you submit to your provider.
	Deactivation		You can find the deregistration code (8-10 digit). Please use this code to deactivate on DivX® website.
SCREEN			
	Auto Adjust		"Horizontal Pos.", "Vertical Pos.", "Clock" and "Phase" are adjusted automatically as per the input PC video signal. • When PC-input mode was selected and a PC-signal was input, Auto Adjust will be performed automatically.
	Horizontal Pos.		To adjust the horizontal placing of the image.
	Vertical Pos.		To adjust the vertical placing of the image.
	Clock		Eliminates the vertical (Clock) interfering lines.
	Phase		Eliminates the horizontal (Phase) interfering lines.

Media Operation

You can enjoy viewing pictures and text files, playing music and movie files from your USB storage device.

1 Connect the USB storage device into the USB Input terminal.

**2** Press **MEDIA** to display the Media Menu.

> **NOTE**
> - Do not disconnect a USB storage device while it is being accessed. Doing so can damage the device or the files stored on the device. You can safely connect or disconnect the USB storage device when the TV is not in MEDIA mode.
> - Back up all the data in the USB storage device in case if data was lost due to unexpected accident. We do not assume any liability for the losses by misuse or malfunction.
> - Not all USB storage devices are compatible with this TV.
> - The character that exceeds the display area is not displayed.
> - Do not use USB extension cable.

Media Browser

Media Selection
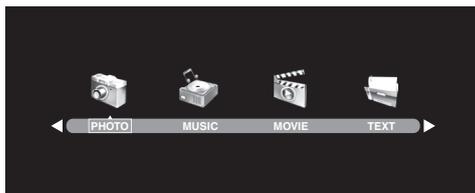
File Selection
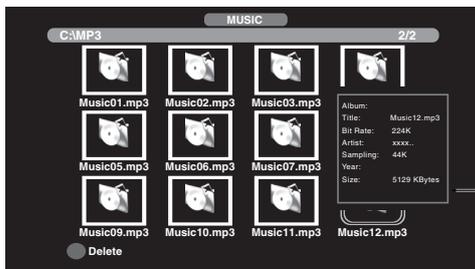
Information window

> **NOTE**
> - The content will change in accordance with each media setting screen.

Playback files

1 Press ◄/► to select PHOTO, MUSIC, MOVIE or TEXT at Media Selection and press **ENTER**.

2 Press ◄/► to select "C", then press **ENTER**.

3 Select folder or file with ▲ / ▼/ ◄ / ►, and then start the playback with **ENTER**.

You can playback the files with the following remote control buttons.

Button	Action
◄ / ►	Press to rotate the picture.
ENTER	Press to start the playback. Press to open the folder. Press to open the operation window.
► II	Press to start the playback or slideshow. Press to pause the playback.
■	Press to stop the playback.
►►I	During the playback, press to select the next file.
I◄◄	During the playback, press to select the previous file.
►►	During the playback, press to search forward.
◄◄	During the playback, press to search backward.

> **NOTE**
> - When playing a movie file that was created by the supported video codec with nonsupported audio codec, the video file will playback with no sound. (see page 14)

Operation Window

1 Press *i* or **ENTER** during playback the file. Operation window will appear at bottom of the TV.

2 Press ◄ / ► to select the desired command, then press **ENTER** to execute.

Details of operation commands

Icon	Operation
❚❚ ►	Pause/Playback
►❙ ❙◄	Skip file to forward or reverse direction.
■	Stop.
↻	Repeat playback. Press **ENTER** repeatedly to select desired repeat option.
♫	Play background music when you view photo or text. It works only when the music and the photo (or text) in the same folder.
▤	Show the playlist. Press ▲ / ▼ and **ENTER** to select the playback
ⓘ	Show the file information.
↺ ↻	Rotate the image.
⤢ ⤡	Zoom in / Zoom out.
◄◇►	Move the frame from the center position. • Available only for Zoom in mode.
►► ◄◄	Fast Forward / Review playback. Show the next / previous page in text view mode.
🔇	Turn off the sound and turn on when press again.
🕐	Direct jump by desired time.
↻AB	Select start point, then select end point. Repeat material between two selected points.
❙►	Slow-motion Playback.
❙❙►	One frame is advanced each time select this command.
⚙	Select picture format. (file MOVIE only)

Display the subtitles

You can select the language when playing back a video recorded with multilingual subtitles. Press *i* or **ENTER** then press ◄ / ► to select ⓘ then press **ENTER**. Press ▲ / ▼ to select "Subtitle" then press ◄ / ► to select deisred subtitle.

EN - **14**

Playable File Types

Photo

File Type	Extension Name	Detail Spec
JPEG	.jpg, .jpeg	Max Resolution: 15360×8640 (Base-line), 1024x768 (Progressive)
BMP	.bmp	Max Resolution: 9600×6400 Pixel Depth: 1/4/8/16/24/32 bpp
PNG	.png	Max Resolution: 9600×6400 (Non-Interlaced), 1200x800 (Interlaced)

Music

File Type	Extension Name	Detail Spec
MP3	.mp3	Sample Rate: 32K~48KHz Bit Rate: 32K~320Kbps
WMA	.wma	
AAC	.aac, .m4a	

Movie

File Type	Extension Name	Detail Spec
Motion JPG	.avi	Max Resolution and Frame Rate: 720p@30fps Max Data Rate: 10 Mbps Audio Codec: MP3, MP2, PCM/ADPCM, AC-3, AAC, WMA
Xvid, MPEG-2/4 SP/ASP, H.264		Max Resolution and Frame Rate: 720p@30fps Max Data Rate: 20 Mbps Audio Codec: MP3, MP2, PCM/AD-PCM, AC-3, AAC, WMA
MPEG-2/4 SP/ASP, H.264	.mp4, .mov	
MPEG-2	.ts, .trp	
MPEG-4 SP/ASP, H.264	.mkv	
MPEG-1/2	.mpg	
DivX	.div, .divx, .avi, .mp4	Max Resolution: 720×576 Max Data Rate: 20 Mbps Audio Codec: MP3, MP2, PCM/AD-PCM, AC-3, AAC
MPEG-2	.vob	Max Resolution:720×576 Max Data Rate: 20 Mbps Audio Codec: MP2, AC-3

Remark: please note that some movie files can not be displayed due to the multi codecs issue even at the same format.

Text

File Type	Extension Name	Detail Spec
Text	.txt	Less than 1M Bytes Encoding: ANSI, Unicode (UTF-8) Line break: CR+LF

File System

Standard
Hi Speed FS, FAT32, FAT16, NTFS (NTFS compressed file is not supported)

J3PI2101B_EN.indd   14

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Appendix

Troubleshooting

The problems described below are not always caused by malfunctions. Check the TV again before having the TV serviced.

Problem	Possible Solution
• No power.	• When the ⏻ **(POWER)** switch does not work, remove the power plug and insert it again, and then press ⏻ **(POWER)** on the TV after waiting for more than five seconds. • Is the AC cord disconnected? • Has the power been turned on? (See page 6.)
• Unit cannot be operated.	• External influences such as lightning, static electricity, etc., may cause improper operation. In this case, operate the unit after first turning the power off the TV or unplugging the AC cord and re-plugging it in after 1 or 2 minutes.
• Remote control unit does not operate.	• Are batteries inserted with polarity (+, −) aligned? (See page 5.) • Are batteries worn out? (Replace with new batteries.) • Are you using it under strong or fluorescent lighting? • Is a fluorescent light shining on the remote control sensor?
• Picture is cut off.	• Are screen mode adjustments such as picture size made correctly? (See page 10.)
• Strange colour, light colour, or dark, or colour misalignment.	• Adjust the picture tone. (See page 11.) • Is the room too bright? The picture may look dark in a room that is too bright. • Check the colour system setting. (See page 8.)
• Power is suddenly turned off.	• The unit's internal temperature has increased. • Remove any objects blocking the vent or clean. • Check the Auto Sleep setting. (See page 12.) • Is the sleep timer set? (See page 12.)
• No picture.	• Is the connection to external equipment correct? (See page 4.) • Is the Picture Mode adjustment correct? (See page 11.) • Is the antenna connected properly? (See page 3.)
• No sound.	• Is the volume too low? (See page 5.)
• The TV sometimes makes a cracking sound.	• This is not a malfunction. This happens when the cabinet slightly expands and contracts according to changes in temperature. This does not affect the TV's performance.

Cautions regarding use in high and low temperature environments
• When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
• Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the LCD panel to malfunction.
 Storage temperature: −20°C to +60°C.

Specifications

Item / Model	LC-29LE440M	LC-39LE440M
LCD panel with LED backlight	28.5" (723.1 mm) Advanced Super View & BLACK TFT LCD	38.57" (979.7 mm) Advanced Super View & BLACK TFT LCD
Resolution	1,049,088 pixels (1366 × 768)	2,073,600 pixels (1920 × 1080)
Video Colour System	PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60	
TV Function — TV-Standard	PAL: B/G, D/K, I SECAM: B/G, D/K, NTSC3.58 : M	
TV Function — Receiving Channel — VHF/UHF	44.25 — 863.25 MHz	
TV Function — TV-Tuning System	Analog 199 carrier	
TV Function — STEREO/BILINGUAL	NICAM/A2 Dual/US Stereo	
Audio amplifier	9 W × 2	
Terminals — Antenna	UHF/VHF 75 Ω	
Terminals — AV VIDEO	RCA pin(AV input)	
Terminals — VIDEO	RCA pin(AV output)	
Terminals — COMPONENT	Y :Composite Input ,RCA×2 (Pb,Pr Audio Input 1 Alternative)	
Terminals — HDMI 1	HDMI in with HDCP, (PC Monitor Audio Input Alternative)	
Terminals — HDMI 2	HDMI in with HDCP	
Terminals — PC	15 pin mini D-sub, AUDIO in (Ø 3.5 mm jack)	
Terminals — USB	USB for multimedia player function (photo, music, movie and text)	
Terminals — Headphone	Ø 3.5 mm jack	
OSD language	English/French/Portuguese/Arabic/Persian/Simplified Chinese/Thai/Vietnamese/Indonesian/Russian/Malay/Spanish	
Power Requirement	AC 110 — 240 V, 50/60 Hz	
Power Consumption	53 W (1 W Standby)	63 W (1 W Standby)
Dimensions — without stand (mm)	662.3 (W) × 403.0 (H) × 67.7 (D)	888.0 (W) × 531.4 (H) × 68.8 (D)
Dimensions — with stand (mm)	662.3 (W) × 428.6 (H) × 170.0 (D)	888.0 (W) × 557.3 (H) × 197.8 (D)
Weight without stand (with stand)	4.7 kg (5.3 kg)	9.0 kg (9.5 kg)
Operating Temperature	0°C — +40°C	

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.
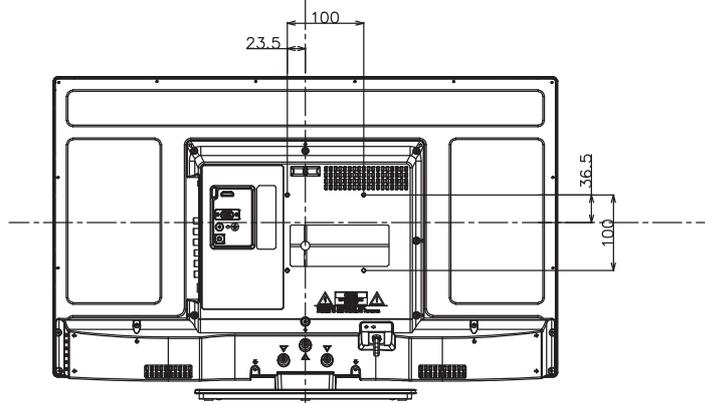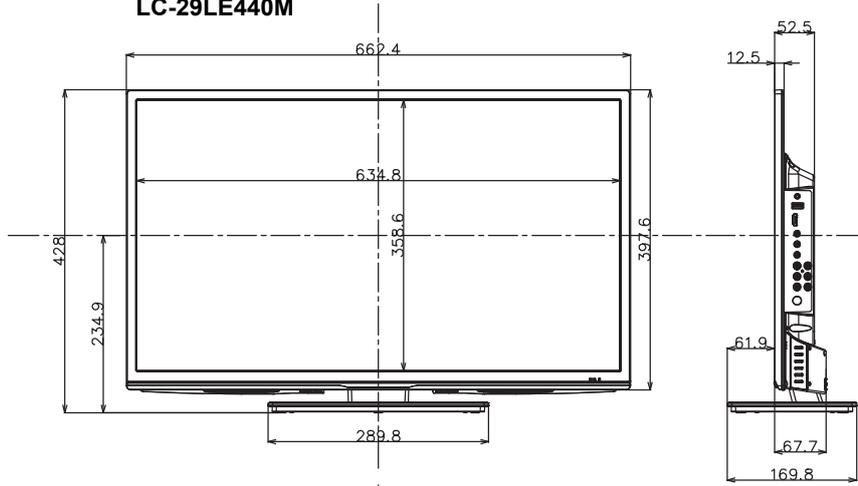
CAUTION

- Installing the Liquid Crystal Television requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. SHARP bears no responsibility for improper mounting or mounting that results in accident or injury.
- Carefully read the instructions that come with the bracket before beginning work.
- The TV screen may fail to display component input signals from the following source equipment:
  - Source equipment that intermix NTSC and PAL formats.
  - Output from an old VHS deck.
  - Devices such as old game consoles with signal outputs other than NTSC/PAL format.
  This product does not support the direct input of the aforementioned source equipment. When connecting the above mentioned source equipment, run the equipment's signal output through correction devices such as a Time Base Corrector (TBC) or Frame Synchronizer (FS).
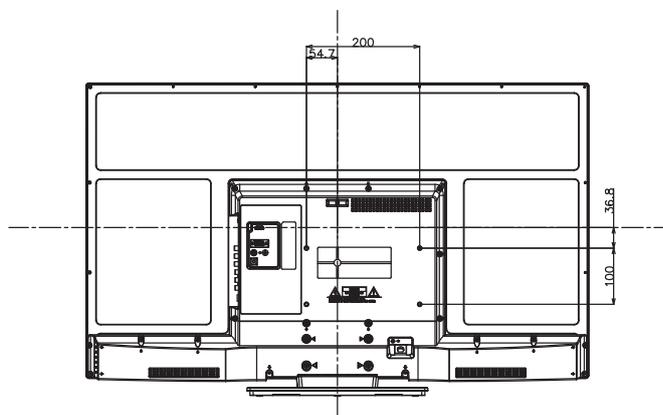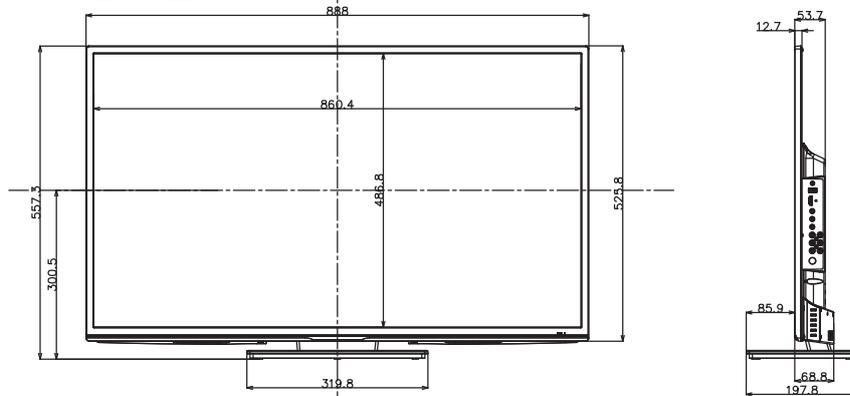
Unit:mm

LC-29LE440M

662.4
634.8
358.6
397.6
428
234.9
289.8

52.5
12.5
61.9
67.7
169.8

100
23.5
36.5
100

LC-39LE440M

888
860.4
486.8
525.8
557.3
300.5
319.8

53.7
12.7
85.9
68.8
197.8

200
54.7
36.8
100

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