SHARP

香港電器安全規格 (國際電工委員會規格適合)

LC-42GX3H LC-46GX3H LC-52GX3H

LCD COLOUR TELEVISION 液晶彩色電視機 液晶彩色电视机

OPERATION MANUAL 使用說明書 使用说明书

AQUOS









AUDYSSEY EQ



中文 (繁體

ච文 (简体

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.

Contents

Intro	oduction
	Dear SHARP customer1
	Contents 1
	Important Safety Precautions3
	Supplied accessories4
	Trademarks 4
Prep	paration
	Part names 5
	TV (Front/Top/Side)5
	TV (Rear)
	Remote control unit
	Before turning on the power8
	Connecting external devices
	Connecting a VCR, game console or camcorder
	Connecting a DVD player9
	Connecting a Digital TV Decoder (Set Top Box)
	Connecting a PC10
	Using Digital Audio Output10
	Protection against overturning11
	Inserting the batteries
	Using the remote control unit12
	Cautions regarding the remote control unit
	Turning the TV on/off
	Turning on the power
	Turning off the power
	About Menu operations
	What is Menu?
	About Guide Display
	TV/AV input mode menu items
	PC input mode menu items
207	•
Wate	ching TV
	Setting channels automatically 17
	Selecting programmes18
	Adjusting the volume
	Menu language settings 18
	Setting channels to your preference
	Auto search
	Manual setting for each channel
	Sorting programmes
	Erasing programmes
	Labelling programmes
	Split-screen viewing
	Muting the audio temporarily
	Outputting only audio
	Switching the analogue audio format

Watching TV (Continued)	
Reducing the start-up time Password setting for the child lock (for TV input mode) Energy conservation settings Auto power-off at a designated time Auto power-off after the end of broadcast	26 27 27
Auto power-off when there are no operations performed	27 28 28 29
Selecting the Wide Screen Signalling (WSS) picture size automatical Selecting the Wide Screen Signalling (WSS) picture size manually Selecting the picture size manually Selecting a preset AV MODE Manual picture settings	29 30 31
Picture adjustment Advanced picture settings Other picture settings DNR (Digital Noise Reduction) Adjusting the image position.	32 33 34 34
Audio adjustment Output Volume Select	34 35
Settings when using HDMI output devices	36
Selecting the input source and signal type Selecting input source	37 37 37 38
Connecting a PC	
Displaying a PC image on the screen Selecting the picture size Adjusting the PC image automatically Adjusting the PC image manually Input resolution settings Selecting the input resolution PC Control of the TV PC compatibility chart RS-232C commands list	
Appendix	
Troubleshooting	

Important Safety Precautions

 Cleaning — Unplug the AC cord from the AC outlet before cleaning the product. Use a damp cloth to clean the product. Do not use liquid cleaners or aerosol cleaners.



 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 2,073,600 thin film transistors, 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.

Precautions when transporting the TV

Be sure to always carry the TV by two people holding it with two hands — one hand on each side of the TV.



- Do not display a still picture for a long time, as this could cause an afterimage to remain.
- Install the product on the place where the AC cord can be unplugged easily from the AC outlet, or from the AC INPUT terminal on the rear of the product.

Supplied accessories

Make sure the following accessories are provided with the product.

Remote control unit	"AAA" size battery (×2)	AC cord
Used with batteries inserted. Page 7	Page 12	Always use the AC cord supplied with the TV. Page 8
Cable clamp	Safety re	straints
For bundling cables.	Restraining Screws for brackets brackets	Clamps Screws for clamps
Page 8	Page) 11
Protective cover (×2)	Operation manual	
Page 50	SHARP	

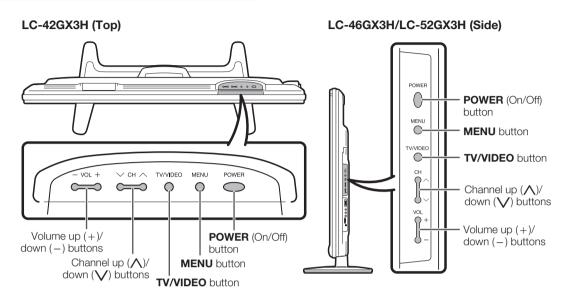
Trademarks

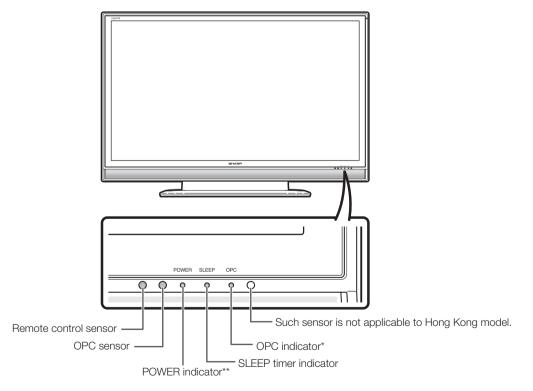
- TruSurround XT, SRS and () symbol are trademarks of SRS Labs, Inc.
 TruSurround XT technology is incorporated under license from SRS Labs, Inc.
- "HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."

Preparation

Part names

TV (Front/Top/Side)



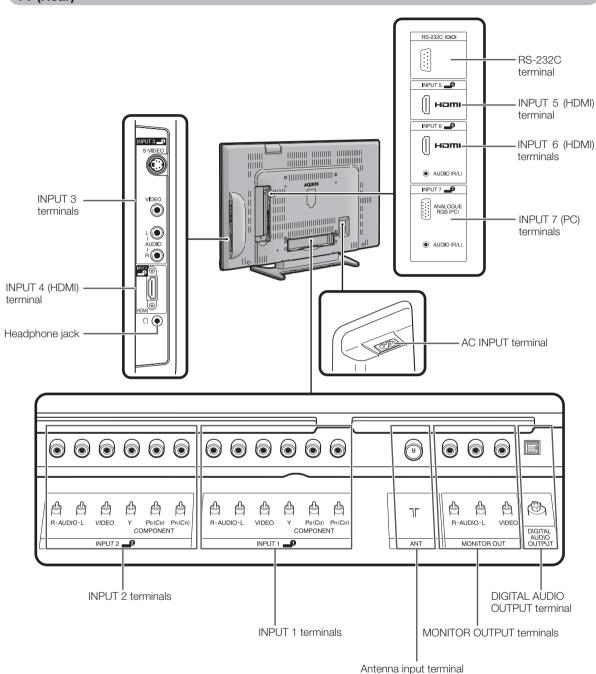


*OPC: Optical Picture Control (See page 32.)

- The illustrations and on-screen displays 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-52GX3H.

^{**} See page 13 for the TV status indicator.

TV (Rear)



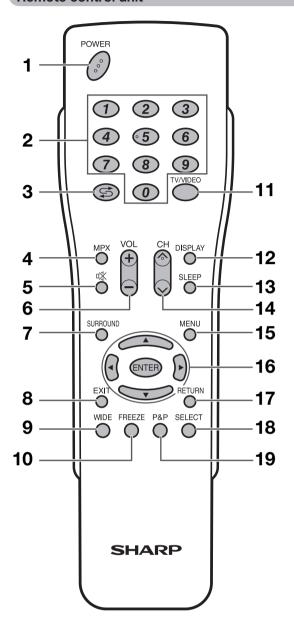
Regarding the headphone jack

- Use headphones with a stereo mini plug (Ø 3.5 mm).
- Be sure to unplug headphones from the jack when they are not in use.
- The speakers do not output volume when headphones are plugged in.
- The "Audio" menu cannot be operated when headphones are plugged in.
- You can set the volume to different levels for each input source.

Volume display when headphones are plugged in



Remote control unit



1 POWER (STANDBY/ON)

To switch the power on and off. (See page 13.)

2 0-9

Set the channel. (See page 18.)

Press to return to the previous selected channel or external input mode. (See page 24.)

4 MPX

Select the sound multiplex mode. (See page 25.)

5 □% (Mute)

Mute the sound. (See page 24.)

6 VOL+/VOL-

Set the volume. (See page 18.)

7 SURROUND

Select Surround settings. (See page 35.)

8 EXIT

Return to the default screen.

9 WIDE

Change the wide image mode. (See pages 30 and 40.)

10 FREEZE

Freeze a motion picture on the screen. (See page 23.)

11 TV/VIDEO (INPUT SOURCE)

Select an input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, INPUT 6, INPUT 7 (PC)) (See pages 10, 23, 36 to 39.)

12 DISPLAY

Display the channel or input information.

13 SLEEP

Set the Sleep timer. (See page 27.)

14 CH/\/CH\/

TV input mode: Select the channel. (See page 18.)

15 MENU

Display the menu screen. (See page 14.)

16 **▲**/**▼**/**◄**/**▶** (Cursor)

Select a desired item on the setting screen.

ENTER

Execute a command.

17 RETURN

MENU mode: Return to the previous menu screen. (See page 14.)

18 SELECT

To select either screen to be active in split-screen mode. (See page 23.)

19 P&F

Set the split-screen picture mode. Press **P&P** again to return to normal view. (See page 23.)

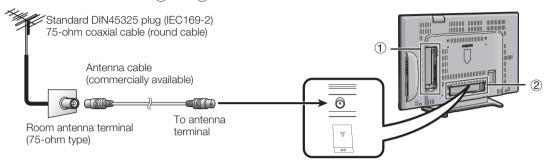
Before turning on the power

Notes on installing the TV

- Avoid direct sunlight and place the TV in a well-ventilated location.
- Place the TV in a level location.
- Do not turn on the power of the TV before connecting the AC cord.

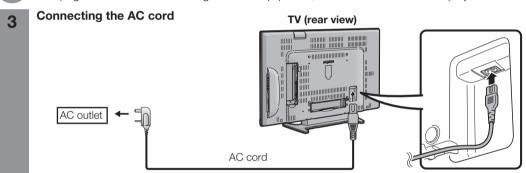
Connecting the antenna cable

To enjoy a clearer picture, use an outdoor antenna. The following is a brief explanation of the types of connections that are used for coaxial cable. Detach the terminal cover of (1) and (2).



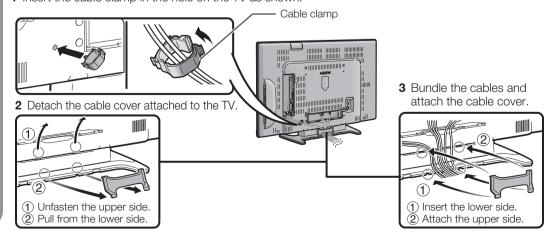
Connecting external devices

See pages 9 to 10 for connecting external equipment, such as a VCR and DVD player.



- Place the TV close to the AC outlet, and keep the power plug within reach.
- Disconnect the AC cord from the AC outlet if the TV will not be used for a long period of time.
- **Bundling the cables** 4

1 Insert the cable clamp in the hole on the TV as shown.



(II) CAUTION

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

Connecting external devices

You can connect many types of external equipment to your TV, like a VCR, game console, camcorder, DVD player, Digital TV Decoder (Set Top Box) and PC. To view external source images, select the input source from **TV/VIDEO** on the remote control unit or **TV/VIDEO** on the TV.

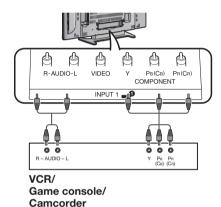
CAUTION

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

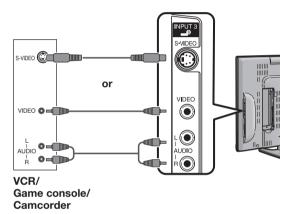
Connecting a VCR, game console or camcorder

A VCR, game console, camcorder and some other audiovisual equipment can be conveniently connected using the INPUT 1/INPUT 2 (component) or INPUT 3 terminals.

When using component cable (commercially available)



When using composite cable or S-VIDEO cable (commercially available)



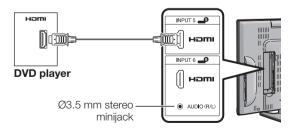
Connecting a DVD player

You can use the INPUT 1/INPUT 2 (component), INPUT 3 or INPUT 4/INPUT 5/INPUT 6 (HDMI) terminals when connecting to a DVD player and other audiovisual equipment.

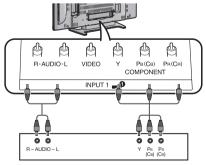
NOTE)

• When using a DVI-HDMI conversion adaptor, input the Audio Signal from the AUDIO terminal of INPUT 6. (See page 36.)

When using HDMI cable (commercially available)



When using component cable (commercially available)



DVD player

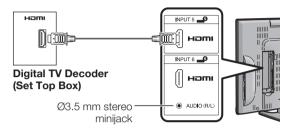
Connecting a Digital TV Decoder (Set Top Box)

You can use the INPUT 1/INPUT 2 (component) or INPUT 4/INPUT 5/INPUT 6 (HDMI) terminals when connecting to a Digital TV Decoder (Set Top Box) and other audiovisual equipment.

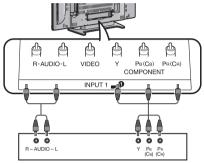
⊘ NOTE

• When using a DVI-HDMI conversion adaptor, input the Audio Signal from the AUDIO terminal of INPUT 6, (See page 36.)

When using HDMI cable (commercially available)



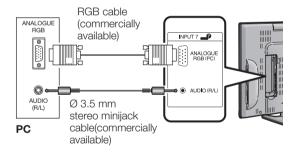
When using component cable (commercially available)



Digital TV Decoder (Set Top Box)

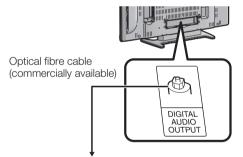
Connecting a PC

You can use the INPUT 7 (PC) terminals when connecting to a PC. (See page 39.)



Using Digital Audio Output

It is possible to output audio through the DIGITAL AUDIO OUTPUT terminal. PCM audio outputs from the terminal.



To optical digital input of external audio devices

⊘ NOTE

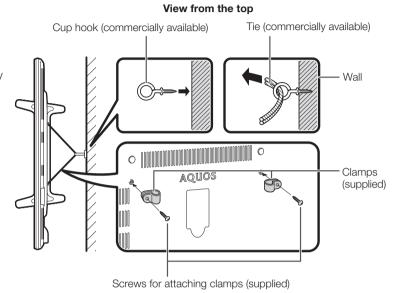
- The DIGITAL AUDIO OUTPUT terminal usually outputs the same audio from the speakers. (The audio of the content you are viewing is output from the terminal.)
- The DIGITAL AUDIO OUTPUT terminal does not output some signals, depending on devices and software.

Protection against overturning

There is a danger of the product overturning in the case of a disaster or sudden collision. Carry out the following tip-resistant measurement for your safety.

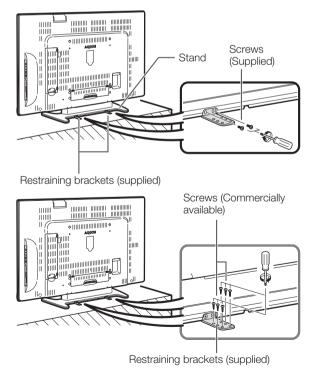
Anchoring the TV to the wall or a pillar

- Affix the 2 clamps (supplied) to the product using the screws (supplied).
- Affix the TV to the wall using extra strong ties (commercially available).



Fixing the TV to the table

- 1 Place the TV on the table.
- Attach the two supplied restraining brackets to the stand with two supplied screws.
- Insert commercially available screws in the holes of the restraining brackets from the top and tighten the screws to secure the TV to the table.
 - Use commercially available screws of the proper size to firmly secure the TV.



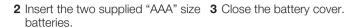
(h)|CAUTION

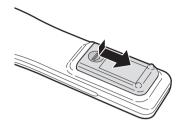
- As this product is heavy, use a table that is wide enough to support the product and capable of withstanding the
 product's weight. The table should be set where it will not be overturned.
- Be sure to use at least two people when moving the TV.

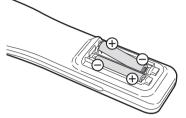
Inserting the batteries

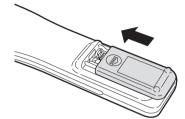
Before using the TV for the first time, insert two "AAA" size batteries (supplied). When the batteries become depleted and the remote control fails to operate, replace the batteries with new "AAA" size batteries.

1 Open the battery cover.









 Place batteries with their terminals corresponding to the (+) and (-) indications in the battery compartment.

(CAUTION)

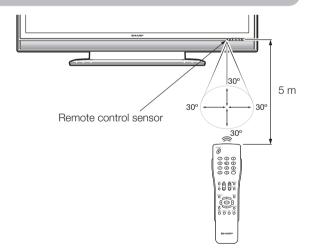
Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

- Do not mix batteries of different types. Different types of batteries have different characteristics.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
- Remove batteries as soon as they have worn out. Chemicals that leak from batteries can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.
- The batteries supplied with this product may have a shorter life expectancy due to storage conditions.
- If you will not be using the remote control unit for an extended period of time, remove the batteries from it.

Using the remote control unit

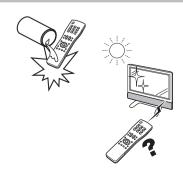
Use the remote control unit by pointing it towards the remote sensor window.

Objects between the remote control unit and sensor window may prevent proper operation.



Cautions regarding the remote control unit

- 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.
- The remote control unit may not work properly if the remote sensor window of the TV is under direct sunlight or strong lighting. In such cases, change the angle of the lighting or TV, or operate the remote control unit closer to the remote sensor window.

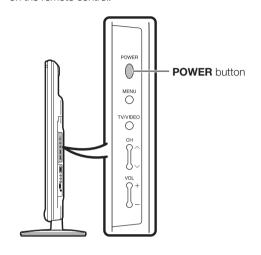


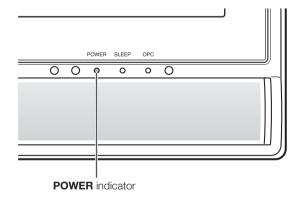
Turning the TV on/off

Turning on the power

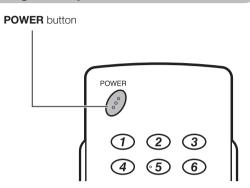
Press **POWER** on the TV.

- POWER indicator (Green): The TV is on. (After a few seconds, an image appears with sound.)
- After turning the power "ON" by pressing POWER on the TV, you can turn the power ON/OFF by pressing POWER on the remote control.





Turning off the power



Press **POWER** on the remote control.

- The TV enters standby mode and the image on the screen disappears.
- The POWER indicator on the TV changes from green to red.

Press **POWER** on the TV.

- The POWER indicator on the TV turns off.
- When the TV is turned off by **POWER** on the TV, you cannot turn on the power by pressing **POWER** on the remote control.

POWER indicator

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

⊘ NOTE

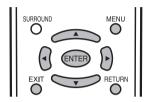
- If you are not going to use this TV for a long period of time, be sure to remove the AC cord from the AC outlet.
- Minor power is consumed when the unit is in standby mode.

About Menu operations

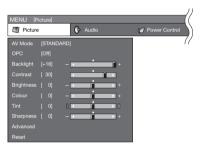
What is Menu?

- You need to bring up the On-Screen Display to perform settings for the TV. The On-Screen Display for the settings is called "Menu".
- The Menu enables various settings and adjustments. (See pages 15 and 16.)
- The Menu can be operated with the remote control unit.

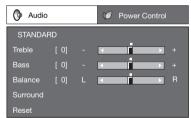
Basic Menu operations



Press **MENU** and the MENU screen displays.

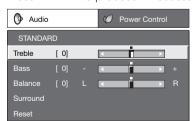


Press ◀/► to select the desired menu, and then press **ENTER**.



Press ▲/▼ to select the desired menu item.

Press ENTER to proceed if necessary.



Press ▲/▼ or ◀/▶ to select the desired item or adjust the item to the desired level. Press ENTER if necessary.

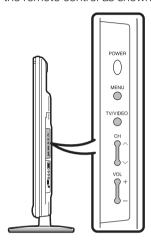
Press **EXIT** or **MENU** to exit the MENU.

Press **RETURN** as necessary to return to the previous MENUs.

Using the control panel of the TV

You can also operate the Menu using the control panel of the TV.

Button operations on the control panel correspond to the ones on the remote control as shown below.



TV control panel buttons	Remote control buttons
TV/VIDEO	ENTER
СН ∕	A
сн 🗸	▼
VOL +	>
VOL –	4

NOTE

- Menu options differ in the selected input modes, but the operating procedures are the same.
- The screens in the operation manual are for explanation purposes (some are enlarged, others cropped) and may vary slightly from the actual screens.

About Guide Display

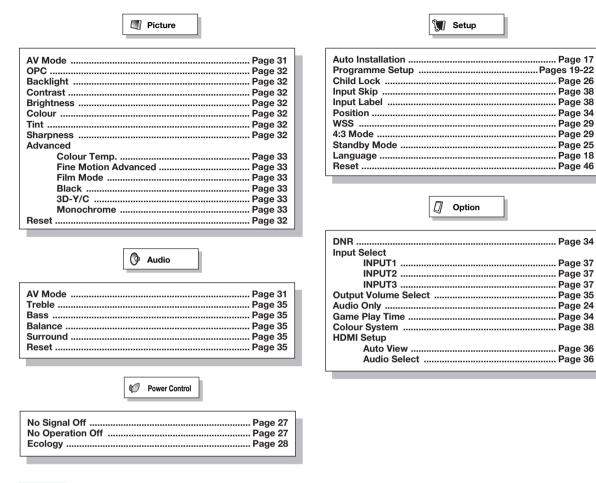
The Guide Display at the bottom of the screen shows operations with an On-Screen Display.



The bar above is an operational guide for the remote control. The bar will change in accordance with each menu setting screen.

TV/AV input mode menu items

List of TV/AV menu items to help you with operations

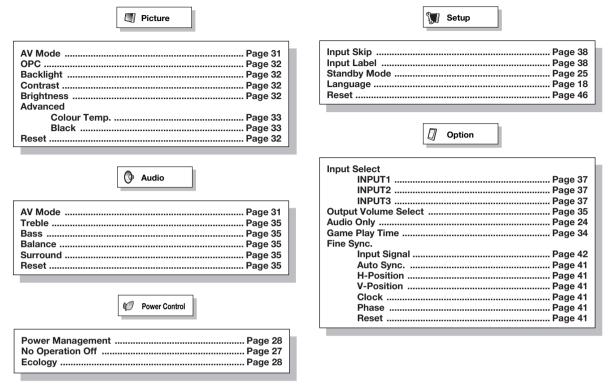


NOTE

• Some menu items may not be displayed depending on the selected input source.

PC input mode menu items

List of PC menu items to help you with operations



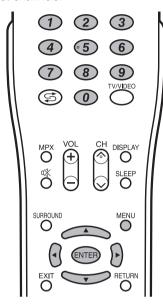
NOTE

Some menu items may not be displayed depending on the selected input source.

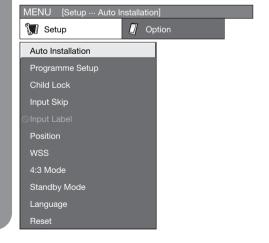
Watching TV

Setting channels automatically

You can run auto installation again, even after setting up the preset channels.



- 1 Press **MENU** and the MENU screen displays.
- Press **◄/**▶ to select "Setup".
- Press ▲/▼ to select "Auto Installation", and then press ENTER.



- If you have already set the password, enter it here.
 - See page 26 for setting a password.

- Press ▲/▼ to select "Yes", and then press ENTER.
- Press ▲/▼ to select the desired language listed on the screen, and then press ENTER. Press ▲/▼ to select the desired sound system, and then press ENTER. You do not need to do anything during the auto search.

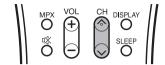
"Search is completed." is displayed. Press **MENU** to exit.

Selecting programmes

You can change channels in several ways.

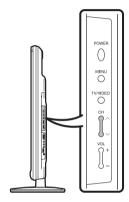
Using CH ∕ / ✓ on the remote control unit

- Press **CH** \(\Lambda\) to increase the channel number.
- Press **CH** \rangle to decrease the channel number.



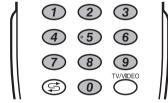
NOTE

CH \ \ \ \ \ \ \ on the TV operates the same as CH \ \ \ \ \ \ on the remote control unit.



Using 0 - 9 on the remote control unit

Select the channels directly by pressing buttons 0 to 9.



EXAMPLE

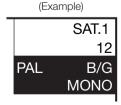
To select a 1-digit channel (e.g. channel 2):

• Press 0, followed by 2.

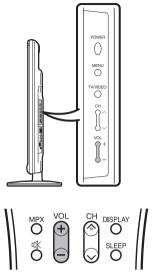
To select a 2-digit channel (e.g. channel 12):

• Press 1, followed by 2.

Channel display



Adjusting the volume



Changing the volume

You can change the volume on the TV or on the remote control unit.

- To increase the volume, press **VOL+**.
- To decrease the volume, press **VOL** .

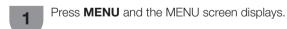


NOTE)

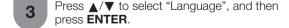
• "TV", "INPUT1", "INPUT2", "INPUT3", "INPUT4", "INPUT5", "INPUT6" and "INPUT7" (PC) modes can store volume adjustment values separately.

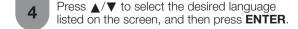
Menu language settings

You can also select a language from setup menu. Select from among 4 languages: English, Simplified Chinese, Traditional Chinese and Arabic.









Setting channels to your preference

You can run the auto search procedure again at any time by accessing the Setup menu and Programme Setup. Channels can be tuned automatically or manually.

Auto search

You can also automatically search by performing the procedure below. This is the same function as programme auto search in auto installation.

- 1 Press **MENU** and the MENU screen displays.
- Press **◄/**▶ to select "Setup".
- Press ▲/▼ to select "Programme Setup", and then press ENTER.

If you have already set the password, enter it here.

• See page 26 for setting a password.



- Press ▲/▼ to select "Auto Search", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.

Press $\blacktriangle/\blacktriangledown$ to select the desired sound system, and then press **ENTER**.

"Search is completed." is displayed. Press **MENU** to exit.

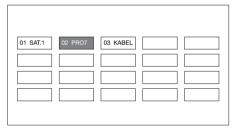
Manual setting for each channel

You can set some channel items manually. They are Search, Fine (TV frequency), Colour System, Sound System and Skip.

- 1 Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Programme Setup", and then press ENTER.

 If you have already set the password, enter it here.
 - See page 26 for setting a password.
- Press ▲/▼ to select "Manual Adjust", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.

Programme Setup "Manual Adjust" menu



You can select one of the following settings.

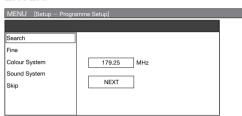
- 1 Search (See page 20.)
- (2) **Fine** (See page 20.)
- 3 Colour system (See page 20.)
- (4) **Sound system** (See page 20.)
- **(5) Skip** (See page 21.)

Manual setting for each channel (continued)

Search tuning

- 1
- Press $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ to select the channel you want to edit, and then press **ENTER**.
- The selected channel information displays.
- 2

Press ▲/▼ to select "Search", and then press ENTER.



3 As be

As **ENTER** is pressed, the next channels will be searched in order.

Fine tuning

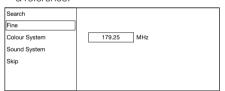
- 1
- Press $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ to select the channel you want to edit, and then press **ENTER**.
- The selected channel information displays.
- 2

Press $\blacktriangle/\blacktriangledown$ to select "Fine", and then press **ENTER**.

3

Press **◄/**▶ to adjust the frequency, and then press **RETURN** or **MENU**.

 Adjust while checking the background picture as a reference.



- Instead of the method above, you can also set by directly entering the frequency number of the channel with ${f 0}-{f 9}.$
- When setting a frequency on the "Fine" screen, the last figure of the frequency needs to be "0" or "5".

EXAMPLE

- 179.25 MHz: Press $\mathbf{1} \rightarrow \mathbf{7} \rightarrow \mathbf{9} \rightarrow \mathbf{2} \rightarrow \mathbf{5}$.
- 49.25 MHz: Press $\mathbf{4} \rightarrow \mathbf{9} \rightarrow \mathbf{2} \rightarrow \mathbf{5} \rightarrow \mathbf{ENTER}$.

Colour system

- 1
- Press $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ to select the channel you want to edit, and then press **ENTER**.
 - The selected channel information displays.
- 2
- Press $\blacktriangle/\blacktriangledown$ to select "Colour System" and then press **ENTER**.
- · Receivable colour systems are listed.

Colour system menu

Search	
Fine	
Colour System	AUTO
Sound System	PAL
Skip	SECAM
	NTSC 3.58
	NTSC 4.43
	PAL-60

Press ▲/▼ to select the optimum colour system, and then press **ENTER**.

Sound system (Broadcasting system)

- 1
- Press $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ to select the channel you want to edit, and then press **ENTER**.
- The selected channel information displays.
- 2

Press $\blacktriangle/\blacktriangledown$ to select "Sound System", and then press **ENTER**.

Receivable sound systems (Broadcasting systems) are listed.

Sound system menu

Search	
Fine	
Colour System	B/G
Sound System	D/K
Skip	1
	M

Press ▲/▼ to select the optimum sound system, and then press ENTER.

NOTE

Check the sound system if the sound output were not correct.

Manual setting for each channel (continued)

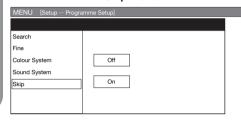
Skipping channels

Channels with "Skip" set to "On" are passed over when using **CH**// even if selected while watching the image from the TV.

- Press ▲/▼/ ◄/▶ to select the channel you want to edit, and then press **ENTER**.

 The selected channel information will be displayed.
 - Press ▲/▼ to select "Skip", and then press
 - ENTER.
 - Skip menu displays.

Skip menu



Press ▲/▼ to set "Skip" to "On", and then press **ENTER**.

Sorting programmes

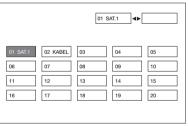
Channel positions can be sorted freely.

- 1 Press **MENU** and the MENU screen displays.
- Press **◄**/**▶** to select "Setup".
- Press ▲/▼ to select "Programme Setup", and then press ENTER.

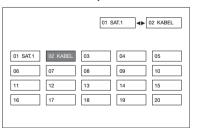
If you already set the password, enter it here.

- See page 26 for setting a password.
- Press ▲/▼ to select "Sort", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.
- Press ▲/▼/◄/▶ to select the channel you want to move, and then press **ENTER**.
- Repeat the steps 6 and 7 until all desired channels are sorted.

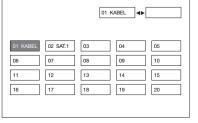
Sort menus











Erasing programmes

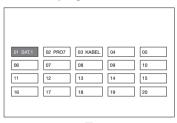
The individual programme can be erased.

- Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Programme Setup", and then press ENTER.

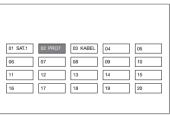
If you already set the password, enter it here.

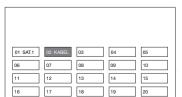
- See page 26 for setting a password.
- Press ▲/▼ to select "Erase Programme", and then press **ENTER**.
- Press ▲/▼ to select "Yes", and then press ENTER.
- Press ▲/▼/◄/▶ to select the channel you want to erase, and then press **ENTER**.
- 7 Press **ENTER** to erase the channel. All the subsequent programmes move up.
- Repeat the steps 6 and 7 until all desired channels are erased.

Erase programme menus









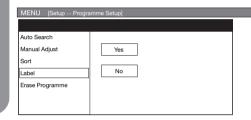
Labelling programmes

Channels can be labelled freely.

- Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Programme Setup", and then press ENTER.

If you already set the password, enter it here.

- See page 26 for setting a password.
- Press ▲/▼ to select "Label", and then press ENTER.



- Press ▲/▼ to select "Yes", and then press ENTER.
- Press ▲/▼/◄/▶ to select the channel you want to label, and then press **ENTER**.
- Press ▲/▼ to select characters and ◀/▶ to move to the desired digit, and then press ENTER to complete the label setting.

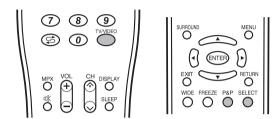
Useful viewing functions

Split-screen viewing

This function is conveniently used when, for instance, watching cooking programmes and taking notes.

Split-screen

You can display two pictures except when inputting from the RS-232C or PC INPUT terminal.



1 Pr

Press P&P.

 Split-screen displays and a selected input source image displays.



2

Press **SELECT** to set either screen to be active.

 "" "," displays on the active screen, which has sound output.

3

Press **TV/VIDEO** to select another input source on the active screen.

• A selected image displays.

4

Press P&P to exit split-screen.

NOTE

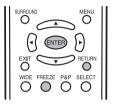
- This function does not work under the following input conditions:
 - ① Two pictures from the same source (e.g. INPUT 1 and INPUT 1),
 - (2) Two pictures with different vertical frequency (e.g. PAL and PAL-60, PAL (50 Hz) and NTSC (60 Hz))
 - ③ When the input signal is 1080P/50Hz or 1080P/60Hz.
- When you press P&P, the current input is moved to the left side screen display, and the other input appears on the right side screen display.

When you cannot acquire split-screen capability, perform the operation below.

- Select another input whose vertical frequency is same as one of the current inputs (e.g. PAL and PAL).
- When this function is not available, "No dual screen display available." will display.

Picture and still image

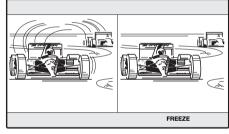
You can freeze a motion picture on the Display.



1

Press FREEZE.

 A moving image displays on the left screen and a still image displays on the right screen. The still image is one frame captured from a moving image at the moment you press FREEZE.



(Example)

2

Reshoot the still image by pressing ENTER.

• Each time you press **ENTER**, the image on the right screen updates.

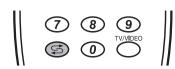
3

Press **RETURN** to exit still image.

NOTE

• The still image automatically goes out after 30 minutes.

Returning to the previously selected channel



Press \(\sigma \) to switch the currently tuned channel to the previously tuned channel.

Press \(\sigma \) to toggle between the currently selected input source and the previously selected one.

Muting the audio temporarily

Using Mute (11%) on the remote control unit

x mutes the current sound output.



Press 않.

- The sound is silenced.
- "tw" is displayed while the mute function is on.

Mute



2

Press \mathbb{X} again within 30 minutes to cancel the mute.

 Before 30 minutes, the volume level returns to the previous setting.

NOTE)

 Mute will be cancelled after 30 minutes. However, the TV will not suddenly output loud sound as the volume level will be set to 0 automatically. Increase the volume level by pressing VOL+.

Outputting only audio

When listening to music from a music programme, you can set the display off and enjoy audio only.



Press **MENU** and the MENU screen displays.



Press **◄/▶** to select "Option".



Press ▲/▼ to select "Audio Only", and then press **ENTER**.



Press ▲/▼ to select "On", and then press **ENTER**.

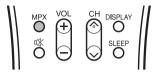
Selected item	Description
On	Audio is output without screen image.
Off	Both screen images and audio are output.

NOTE

 When you make operations that change the picture on the TV such as by changing the input source, the Audio Only function is set to "Off".

Switching the analogue audio format

You can switch between multiple audio modes when watching a multiple audio or stereo broadcast programme.



In the NICAM TV broadcasts

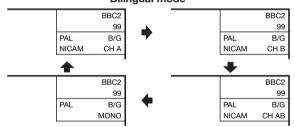
When receiving a stereo signal

Each time you press **MPX**, the mode switches between NICAM STEREO and MONO.

When receiving a bilingual signal

Each time you press **MPX**, the mode switches among NICAM CH A, NICAM CH B, NICAM CH AB and MONO.

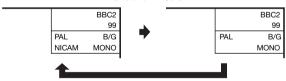
Bilingual mode



When receiving a monaural signal

Each time you press **MPX**, the mode switches between NICAM MONO and MONO.

Monaural mode

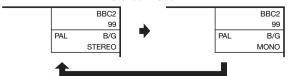


In the TV mode of A2 TV broadcasts

When receiving a stereo signal

Each time you press **MPX**, the mode switches between STEREO and MONO.

Stereo mode



When receiving a bilingual signal

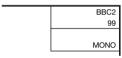
Each time you press **MPX**, the mode switches among CH A. CH B and CH AB.

Bilingual mode BBC2 BBC2 99 99 PAL B/G PAL B/G CH A СНВ BBC2 99 PAL B/G CH AB

When receiving a monaural signal

When you press MPX, "MONO" displays.

Monaural mode



NOTE

• "BBC2" and "99" are tentative network name and channel.

Reducing the start-up time

You can reduce the TV's start-up time after turning on the power with the remote control unit.

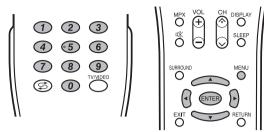
- Press **MENU** and the MENU screen displays.
- Press **◄/**▶ to select "Setup".
- Press ▲/▼ to select "Standby Mode", and then press ENTER.
- Press ▲/▼ to select "Mode 1" or "Mode 2", and then press **ENTER**.

Selected item	Description
Mode 1	Starting the TV is quick from standby.
Mode 2	Power consumption is small during standby.

5 Press **MENU** to exit.

Password setting for the child lock (for TV input mode)

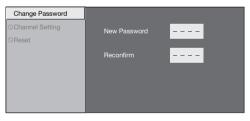
Allows you to use a password to protect certain settings from being accidentally changed.



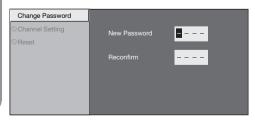
Setting a password

Register a 4-digit password number to use the Child Lock function.

- Press **MENU** and the MENU screen displays.
- Press **◄/**▶ to select "Setup".
- Press ▲/▼ to select "Child Lock", and then press ENTER.
- If you already set the password, enter it here.
- Press ▲/▼ to select "Change Password", and then press ENTER.



Enter the 4-digit number as a password using 0-9.



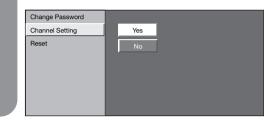
7 Enter the same 4-digit number as in step 6 to confirm.

NOTE

To view a locked channel you must enter a password.
 When you select a locked channel, a password prompt message pops up.

Setting a channel

- Repeat steps 1 to 4 in **Setting a password**.
- Press ▲/▼ to select "Channel Setting", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.



Press ▲/▼/◄/▶ to select the channel that you wish to apply the Child Lock, and then press **ENTER**.

Resetting the password

Allows you to reset your password.

- 1 Repeat steps 1 to 4 in **Setting a password**.
- Press ▲/▼ to select "Reset", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.

 Change Password
 Channel Setting
 Reset
 No

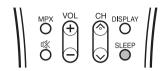
NOTE

- As a precautionary measure, make a note of your password on the back of this operation manual, cut it out and keep it in a safe place that children cannot reach.
- This function is only available for TV input mode.
- To relock a channel which has been temporarily unlocked by inputting the correct password, turn power off and then on again.

Energy conservation settings

Auto power-off at a designated time

This function is conveniently used when, for instance, going to bed while watching TV.



1

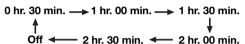
Press SLEEP.

 Remaining time displays when sleep timer has been set.

Sleep timer: Remain 2 hr. 00 min.

2

Each time you press **SLEEP**, the remaining time switches as shown below.



NOTE

- When the time has been set, countdown automatically starts.
- Five minutes before the preset of time expires, the remaining time displays each minute.
- Select "Off" by pressing **SLEEP** to cancel the sleep timer.

Auto power-off after the end of broadcast

You can set the TV to automatically power off in about 15 minutes after the TV goes into a state of receiving no programme signals, such as the end of a broadcast day.



Press **MENU** and the MENU screen displays.



Press **◄/▶** to select "Power Control".



Press ▲/▼ to select "No Signal Off", and then press **ENTER**.



Press ▲/▼ to select "Enable".

• Five minutes before the power shuts down, the remaining time displays every minute.

\bigcirc NOTE

- "Disable" is the factory preset value.
- When a TV programme finishes, and the TV receives signal input, this function may not operate.

Auto power-off when there are no operations performed

You can set the TV to automatically power off when no TV operation is performed for more than 3 hours.



Press **MENU** and the MENU screen displays.



Press **◄/▶** to select "Power Control".

3

Press $\blacktriangle/\blacktriangledown$ to select "No Operation Off", and then press **ENTER**.



Press ▲/▼ to select "Enable".

• Five minutes before the power shuts down, the remaining time displays every minute.

NOTE

• "Disable" is the factory preset value.

Power Management

You can set the TV to automatically power off when no image is displayed on PC.

1

Press **MENU** and the MENU screen displays.

2

Press **◄/▶** to select "Power Control".

3

Press $\blacktriangle/\blacktriangledown$ to select "Power Management", and then press **ENTER**.

4

Press $\blacktriangle/\blacktriangledown$ to select "Mode1" or "Mode2", and then press **ENTER**.



Selected item	Description
Off	No power management Factory preset value.
Mode 1	 If no signal inputs for approximately 8 minutes, the power shuts down. Even if you start using the PC and the signal inputs again, the TV stays off. The TV turns on again by pressing POWER. (See page 13.)
Mode 2	If no signal inputs for approximately 8 seconds, the power shuts down. When you start using the PC and the signal inputs again, the TV turns on. The TV turns on again by pressing POWER. (See page 13.)

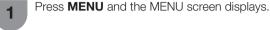
⊘ NOTE

- If you turn off the power by disconnecting AC cord when setting "Mode2" in power management, the TV may not function properly after turning the power on again. In such case, press **POWER** on the remote control unit.
- Pressing **POWER** on the display will have the same result.

Ecology

When set to "Yes", The TV activates the following power saving mode.

- "OPC" set to "On" (Page 32)
- "Standby Mode" set to "Mode 2" (Page 25)
- "No Signal Off" set to "Enable" (Page 27)
- "No Operation Off" set to "Enable" (Page 27)
- "Power Management" set to "Mode 1" (Page 28)



- Press **◄/**▶ to select "Power Control".
- Press ▲/▼ to select "Ecology", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.

NOTE

Ecology mode cannot be deactivated by selecting "No".
 Each setting must be changed individually to deactivate Ecology mode.

Picture size settings

Selecting the Wide Screen Signalling (WSS) picture size automatically

WSS allows a television to switch automatically among the different screen formats.

1 Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Setup".

Press ▲/▼ to select "WSS", and then press ENTER.

Press ▲/▼ to select "On" or "Off", and then press ENTER.

NOTE)

 Try to set WIDE mode if an image does not switch to the correct screen format. When the broadcast signal contains no WSS information, the function will not work even if enabled

Selecting the Wide Screen Signalling (WSS) picture size manually

The WSS signal has 4:3 auto-switching that allows you to select between Panorama and Normal.

Press **MENU** and the MENU screen displays.

Press **◄/**▶ to select "Setup".

Press ▲/▼ to select "4:3 Mode", and then press ENTER.

Press ▲/▼ to select "Panorama" or "Normal", and then press **ENTER**.

WSS signal 4:3 screen

4:3 mode "Panorama"



4:3 mode "Normal"

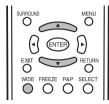


Selected item	Description
Panorama	Wide image without side bars
Normal	Normal range keeping 4:3 or 16:9 aspect ratio

Selecting the picture size manually

Manual Selection

You can select different picture sizes that account for the kind of each picture.



Press WIDE.

- The WIDE MODE menu displays.
- The menu lists the wide mode options selectable for the type of TV/video signal currently received.





Press **WIDE** or **A/V** while the WIDE MODE menu displays on the screen.

• As you toggle down the options, each mode is immediately reflected on the TV.

Auto Selection

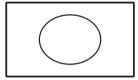
If you set "WSS" and "4:3 Mode" in the Setup menu on page 29, the optimum WIDE mode is automatically chosen for every broadcast containing the WSS information.

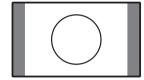
"WSS" menu

To enable Auto Selection, set "WSS" in the Setup menu to "On". (See page 29.)

"4:3 Mode" menu

To set the type of the wide screen, select "Panorama" or "Normal" in the 4:3 Mode menu. (See page 29.)





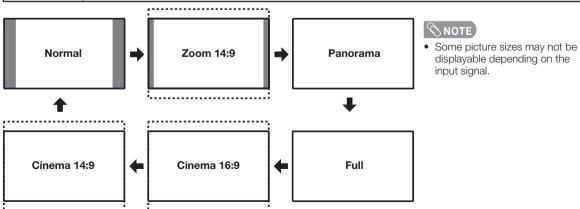
4:3 Mode set to "Panorama"

4:3 Mode set to "Normal"

⊘ NOTE

 If the broadcast signal contains no WSS information, Auto Selection will not function even when the WSS option is enabled.

Selected item	Description	
Normal	For 4:3 "standard" pictures. A side bar appears on each side.	
Zoom 14:9	For 14:9 letterbox pictures. A thin side bar appears on each side, and you may also see bars on the top and bottom with some programmes.	
Panorama	In this mode the picture is progressively stretched toward each side of the screen.	
Full	For 16:9 squeeze pictures.	
Cinema 16:9	For 16:9 letterbox pictures. Bars may appear on the top and bottom with some programmes.	
Cinema 14:9	For 14:9 letterbox pictures. Bars may appear on the top and bottom with some programmes.	
Dot by Dot Display an image with the same number of pixels on the screen (only when receiving 1080i / 1080p s component or HDMI terminals).		
Underscan	Display with an Underscan image only when receiving a 720p signal. Display with the High-Definition image adjusted optimally. Noise may appear on the edge of the screen with some programmes.	



Selecting a preset AV MODE

The AV MODE function enables you to select appropriate settings for audio and video to account for the system environment which can vary due to factors like room brightness, type of programme watched or the type of image input from external equipment.

1

Press **MENU** and the MENU screen displays.

2

Press **◄/▶** to select "Picture".

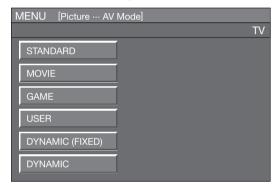
3

Press $\blacktriangle/\blacktriangledown$ to select "AV Mode", and then press **ENTER**.

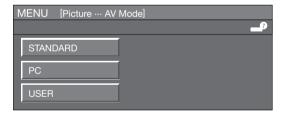
4

Press $\blacktriangle/\blacktriangledown$ to select the desired item, and then press **ENTER**.

AV input mode



PC input mode



Selected item	Description
STANDARD	For a highly defined image in a normally bright room
MOVIE	For a movie
GAME	Lowers image brightness for easier viewing.
PC	For PC. (Available only when inputting an HDMI or PC signal.)
USER	Allows the user to customise settings as desired. You can set the mode for each input source.
DYNAMIC (FIXED)	Changes the image and sound settings to the factory preset values. No adjustments are allowed.
DYNAMIC	For a clear-cut image emphasising high contrast for sports viewing

⊘ NOTE

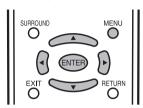
- You can select a different AV MODE item for each input mode. (For example, select STANDARD for TV input and DYNAMIC for VIDEO input.)
- DYNAMIC for VIDEO input.)

 During PC input mode, only "STANDARD", "PC" and "USER" can be selected under the AV mode selection.

Manual picture settings

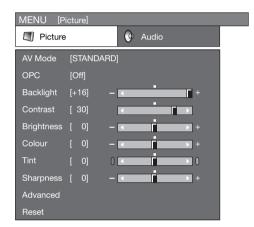
Picture adjustment

You can adjust the picture to your preference. Follow the steps to adjust the picture.



Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Picture".



Press ▲/▼ to select the desired menu item. Press ENTER to proceed if necessary.

Press ▲/▼ or ◀/▶ to select the desired item or adjust the item to the desired level. Press **ENTER** if necessary.

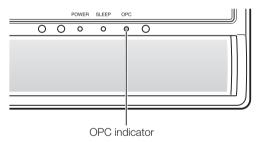
NOTE

- For resetting all adjustment items to factory preset values, press ▲/▼ to select "Reset", press ENTER, press ▲/▼ to select "Yes", and then press ENTER.
- "Backlight" cannot be adjusted when "OPC" is set to "On" or "On (Display)".
- Select "Advanced" and then press ENTER to set "Colour Temp.", "Fine Motion Advanced", "Film Mode", "Black", "3D-Y/C" or "Monochrome". See page 33.

Selected item	∢ button	▶button
OPC	Sets whether or not the screen brightness is automatically adjusted according to the lighting condition in the room. (OPC setting: See this page.)	
Backlight	The screen dims	The screen brightens
Contrast	For less contrast	For more contrast
Brightness	For less brightness	For more brightness
Colour	For less colour intensity	For more colour intensity
Tint	Skin tones become purplish	Skin tones become greenish
Sharpness	For less sharpness	For more sharpness
Advanced	For finer picture adjust	ments. (See page 33).
Reset	Resets all picture adjusted factory preset values.	

OPC (Optical Picture Control) setting

You can set the TV to automatically adjust the screen to suitable backlight brightness according to the lighting conditions.



Selected item	Description
On (Display)	Displays the OPC effect on the screen while adjusting the brightness of the screen.
On	Automatically adjusts
Off	The brightness is fixed at the value set in "Backlight" (See this page).

OPC indicator

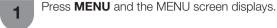
Light off	"Off" is selected in the OPC setting.
Lighted (Green)	"On" or "On (Display)" is selected in the OPC setting.

NOTE

 Make sure no object obstructs the OPC sensor, which could affect its ability to sense surrounding light.

Advanced picture settings

The advanced settings enable you to set the picture adjustment in more detail. There are five options you can choose from.





Press ▲/▼ to select "Advanced", and then press **ENTER**.

Press ▲/▼ to select the desired menu, and then press ENTER.

Press ▲/▼ to select the desired level, and then press **ENTER** if necessary.

Colour Temp. (Colour Temperature)

Adjusts the colour temperature to give the best white image.

Selected item	Description
High Mid-High Middle Mid-Low	White with bluish tone
Low	White with reddish tone

■ Fine Motion Advanced

The "Fine Motion Advanced" provides a picture with 100/120 frames per second (double the conventional 50/60 frames per second) by supplementing the picture from the preceding and following scenes using Sharp's unique algorithm. Users are able to view fastmoving images more clearly.

Selected item	Description
On	For obtaining a clear image
Off	No adjustment

NOTE

• Fine Motion Advanced may cause image noise. If this occurs turn the function "Off".

Film Mode

Automatically detects a film-based source (originally encoded at 24/25 frames/second, depending on the vertical frequency), analyses it then recreates each still film frame for high-definition picture quality.

NOTE

• This model is not compatible to 1080/24p input signal.

Black

For easier viewing, change the viewing depth by selecting a level for automatically adjusting the dark portion of an image.

Selected item	Description
On	For high detail in black portions
Off	No adjustment

■ 3D-Y/C

Provides high quality images with minimal dot crawl and cross colour noise.

Selected item	Description
Standard	Normal adjustment
Fast	For movie image
Slow	For still image
Off	3D-Y/C off

NOTE

- 3D-Y/C is not selectable depending on the input signal
- 3D-Y/C may not operate depending on the input signal type or noisy input signal.

Monochrome

For viewing images in monochrome.

4

Other picture settings

DNR (Digital Noise Reduction)

Reduces noise on the screen and produces a clearer video image.

Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Option".

Press ▲/▼ to select "DNR", and then press ENTER.

Press ▲/▼ to select the desired level, and then press **ENTER**.



Adjusting the image position

For adjusting a picture's horizontal and vertical position.

Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Setup".

Press ▲/▼ to select "Position", and then press ENTER.

4 Press ▲/▼ to select "H-Position" or "V-Position".



Selected item	Description
H-Position	Centres the image by moving it to the left or right.
V-Position	Centres the image by moving it up or down.

Press **◄/▶** to adjust the item to your desired position.

NOTE

- For resetting all adjustment items to the factory preset values, press ▲/▼ to select "Reset", and then press ENTER.
- Adjustments are stored separately according to input source.
- Images may not be displayed properly depending on the settings and/or signals.

Game Play Time

This function displays the elapsed game time so you do not lose track of the time.

To display the elapsed time, select "GAME" under "AV Mode" for the input mode of the terminal connected to the game console before starting the game.

1 Press **MENU** and the MENU screen displays.

Press **◄/**▶ to select "Option".

Press ▲/▼ to select "Game Play Time", and then press ENTER.

Press ▲/▼ to select "On", and then press ENTER.

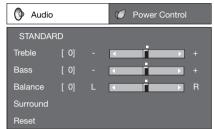
Selected item	Description
On	The elapsed time is displayed every 30 minutes when you switch to GAME mode in external input mode.
Off	No adjustment

Audio adjustment

You can adjust the audio of the selected AV mode.

Press **MENU** and the MENU screen displays.

Press **◄/**▶ to select "Audio".



Press ▲/▼ to select the desired menu item.

Press ENTER to proceed if necessary.

Press ▲/▼ or ◄/▶ to select the desired item or adjust the item to the desired level. Press ENTER if necessary.

Selected item	∢ button	▶button
Treble	For weaker treble	For stronger treble
Bass	For weaker bass	For stronger bass
Balance	Decrease audio from the right speaker	Decrease audio from the left speaker

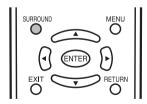
⊘NOTE

 For resetting all adjustment items to the factory preset values, press ▲/▼ to select "Reset", press ENTER, press ▲/▼ to select "Yes", and then press ENTER.

Surround

When you set to "On", you can enjoy surround sound, the same as if you were in a movie theatre.

Using SURROUND on the remote control unit



Press **SURROUND** to switch the Surround function on and off.

Using Surround on the menu screen

You can produce Surround effects from the "Audio" setting.

Selected item	Description					
On	Makes it possible to enjoy natural, realistic surround sound.					
Off	Outputs the normal sound.					

Output Volume Select

Allows you to select what controls the audio output.

Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Option".

Press ▲/▼ to select "Output Volume Select", and then press **ENTER**.

Press ▲/▼ to select "Fixed" or "Variable", and then press **ENTER**.



Selected item	Description
Fixed	Sound via speakers is adjusted with VOL +/- on the remote control unit or the TV. Sound via the MONITOR OUTPUT terminals is not adjustable and constantly outputs.
Variable	Sound via the MONITOR OUTPUT terminals is adjusted with VOL +/- on the remote control unit or the TV. Sound via speakers is muted.

⊘ NOTE

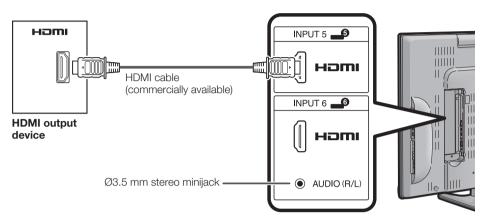
• The "Audio" menu cannot be operated when headphones are plugged in or when "Variable" is selected.

Settings when using external devices

Settings when using HDMI output devices

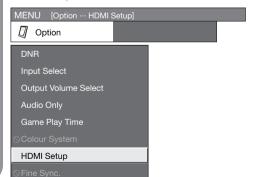
HDMI terminals can carry audio and visual signals to the TV with an HDMI certified cable. When you want to output the audio and picture from an HDMI output device on the TV, select "INPUT4", "INPUT5" or "INPUT6" by switching the input source.

Connecting an HDMI output device



■ HDMI (High-Definition Multimedia Interface) terminal selection

- To watch an HDMI equipment image, select "INPUT4", "INPUT5" or "INPUT6" using **TV/VIDEO** on the remote control unit or on the TV.
- 2 Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Option".
- Press ▲/▼ to select "HDMI Setup", and then press ENTER.
 - The HDMI Setup can be selected only when "INPUT4", "INPUT5" or "INPUT6" is selected.



Press ▲/▼ to select the desired item, and then press ENTER.

HDMI Setup items	Selectable items	Description
Auto View	Enable/ Disable	Set whether or not to use WIDE MODE based on signal recognition, including an HDMI signal.
Audio Select	Digital/ Analogue	Select "Digital" for audio signal via the HDMI terminal. Select "Analogue" for audio signal via the AUDIO jack.

NOTE

- Refer to your external equipment operation manual for the above settings.
- When connecting a DVI-HDMI conversion adaptor/cable to the HDMI terminal, the image may not come in clearly.
- "Audio Select" is only available for INPUT6.

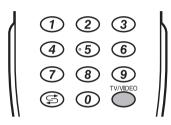
Selecting the input source and signal type

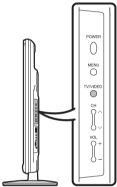
Selecting input source

Can use for selecting the input source.

Using TV/VIDEO on the remote control unit or on the TV

TV/VIDEO allows you to choose from the available input sources.





- Press **TV/VIDEO** on the remote control unit or on the TV.
 - Press **TV/VIDEO** on the remote control unit or on the TV to select the input source.
 - The image and sound from the selected source are output on the TV.
 - You can also select the input source by pressing $\blacktriangle/\blacktriangledown$.

Selecting input signal type

For setting the signal type of external equipment.

- Press **MENU** and the MENU screen displays.
- Press **◄/**▶ to select "Option".
- Press ▲/▼ to select "Input Select", and then press ENTER.
- Press ▲/▼ to select a signal type you want to set, and then press **ENTER**.

Input source	Selectable item						
INPUT 1	Auto, COMPONENT, VIDEO						
INPUT 2	Auto, COMPONENT, VIDEO						
INPUT 3	Auto, S-VIDEO, VIDEO						

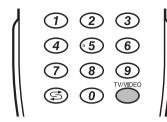
NOTE

- If no colour image displays, try changing the other signal type.
- Check the operation manual of the external equipment for the signal type.
- When the signal type is set to "Auto", the input terminal where a cable is connected is automatically selected.
- When the signal type is set to "Auto" and multiple video signal cables are connected, the signal type is selected in the following prioritised order:

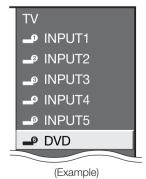
INPUT 1/INPUT 2: COMPONENT→ VIDEO INPUT 3: S-VIDEO→ VIDEO

Labelling input sources

You can assign each input source a label as you prefer.



- Press **TV/VIDEO** to select the desired input source.
- **2** Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Input Label", and then press ENTER.
 - When an HDMI input terminal (INPUT 4 to INPUT 6) is selected, a Menu screen for selecting "Auto" or "Manual" is displayed.
 - When you select "Auto" using ▲/▼, the Menu screen returns to the "Input Label" Menu screen.
 - Press ▲/▼ to select characters and ◄/► to move to the desired digit to label the input source.
 - When you want to change the input label that you have already assigned to the default name, press
 to move to "CLEAR" on the "Input Label" screen, and then press ENTER.
- Repeat the above until the name is fully spelt out, and then press **MENU**.
 - The name can be 6 characters or less.
 - When you want to set an input source name of less than 6 characters, press **MENU** to exit from the labelling menu.



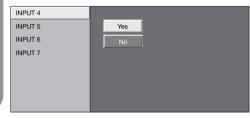
NOTE

You cannot change labels if the input source is TV.

Skipping HDMI/PC input

This setting allows you to skip the HDMI or PC input on the "Input Select" menu.

- 1 Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Input Skip", and then press ENTER.
- Press ▲/▼ to select the Input (INPUT 4 to INPUT 7) you wish to skip, and then press ENTER.



- Press ▲/▼ to select "Yes", and then press ENTER.
- 6 Press **MENU** to exit.

Colour system settings

You can change the colour system to one that is compatible with the image on the screen.

- Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Option".
- Press ▲/▼ to select "Colour System", and then press **ENTER**.
- Press ▲/▼ to select a compatible video signal system of your equipment, and then press ENTER.



NOTE

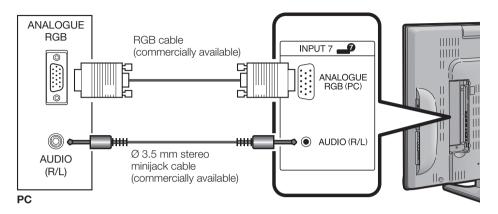
- Factory preset value is "AUTO".
- If "AUTO" is selected, colour system for input signal is automatically set. If an image does not display clearly, select another colour system (e.g. PAL, NTSC 4.43).
- "Colour System" is selectable only when inputting an S-VIDEO or composite signal.

Connecting a PC

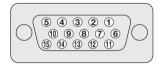
Use the PC terminals to connect a PC.

NOTE

- The PC INPUT terminals are DDC1/2B-compatible.
- Refer to page 44 for a list of PC signals compatible with the TV.



Signal names for 15-pin mini D-sub connector



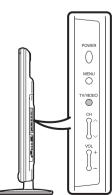
Pin No.	Signal name	Pin No.	Signal name	Pin No.	Signal name
1	R	6	GND (Ground)	11)	Not connected
2	G	7	GND (Ground)	12	SDA
3	В	8	GND (Ground)	13	HD
4	Not connected	9	+5V	14	VD
(5)	CSYNC	10	GND (Ground)	15	SCL

NOTE

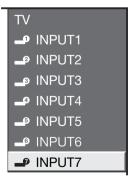
- Macintosh adaptor may be required for use for some Macintosh computers.
- Pin No. (5) is not used for inputting the signal.

Displaying a PC image on the screen





To view an image from a PC, select "INPUT 7" using **TV/VIDEO** on the remote control unit or **TV/VIDEO** on the TV.



When connecting to a PC, the correct input signal type is automatically detected. (See page 42.)

⊘ NOTE

• Each time **TV/VIDEO** is pressed, the input source toggles.

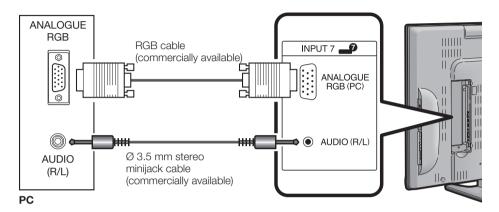
Selecting the picture size

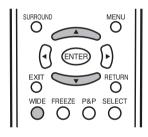
You can select the picture size as illustrated below.

NOTE

- Connect the PC before making adjustments.
- Selectable picture size may vary with input signal type.

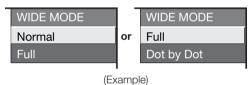
Connecting a PC







• The WIDE MODE menu displays.

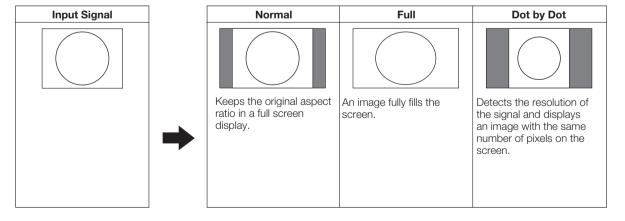


2

Press **WIDE** or $\blacktriangle/\blacktriangledown$ to select a desired item on the menu.



Picture size images.



Adjusting the PC image automatically

This function enables the screen to be automatically adjusted to its best possible condition when the analogue terminals of the TV and PC are connected with a commercially available RGB cable, etc.

1 Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Option".

Press ▲/▼ to select "Fine Sync.", and then press ENTER.

Press ▲/▼ to select "Auto Sync.", and then press ENTER.

5 Press ▲/▼ to select "Yes", and then press ENTER.

· Auto Sync. starts.



⊘ NOTE

 Auto Sync. is likely to succeed when an input PC image has wide vertical stripes (e.g. pattern with high contrast stripes, or cross-hatched).

It may fail when an input PC image is solid (low contrast).

 Be sure to connect the PC to the TV and switch it on before starting Auto Sync.

Adjusting the PC image manually

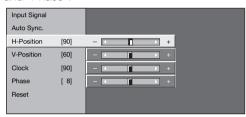
Ordinarily you can easily adjust the picture as necessary to change image position using Auto Sync. In some cases, however, manual adjustment is needed to optimise the image.

Press **MENU** and the MENU screen displays.

Press **◄/▶** to select "Option".

Press ▲/▼ to select "Fine Sync.", and then press ENTER.

Press ▲/▼ to select a specific adjustment item among "H-Position", "V-Position", "Clock" and "Phase".



Selected item	Description
H-Position	Centres the image by moving it to the left or right.
V-Position	Centres the image by moving it up or down.
Clock	Adjusts when the image flickers with vertical stripes.
Phase	Adjusts when characters have low contrast or when the image flickers.

Press **◄/▶** to adjust the item to your desired position.

NOTE

- For resetting all adjustment items to the factory preset values, press ▲/▼ to select "Reset", and then press ENTER.
- Images may not be displayed properly depending on the settings and/or input signals.

Input resolution settings

Selecting the input resolution

- Some input signals may have to be registered manually to display properly.
- The pairs of input signals (resolutions) in the list below are not distinguishable when received. In such case, you have to set the correct signal manually. After setting once, it will display when the same signal (resolution) is input again.

1024 x 768 1360 x 768

NOTE

- You can only select the "Input Signal" on the Setup menu when receiving one of the 2 input signals listed above.
- Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Option".
- Press ▲/▼ to select "Fine Sync.", and then press ENTER.
- Press ▲/▼ to select "Input Signal", and then press ENTER.
- Press ▲/▼ to select the desired input signal on the display, and then press **ENTER**.



(Example)

PC Control of the TV

- When a programme is set, the TV can be controlled from the PC using the RS-232C terminal.
 The input signal (PC/video) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.
- Attach an RS-232C cable cross-type (commercially available) to the Din/D-sub RS-232C for the connections.

NOTE

• This operation system should be used by a person who is accustomed to using PCs.

Communication conditions

Set the RS-232C communications settings on the PC to match the communications conditions of the TV. The communications settings of the TV are as follows:

Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the PC via the RS-232C connector.

The TV operates according to the received command and sends a response message to the PC.

Do not send multiple commands at the same time. Wait until the PC receives the OK response before sending the next command.

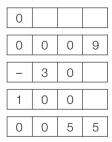
Command format



Parameter

Input the parameter values, aligning left, and fill with space(s) for the remainder. (Be sure that four values are input for the parameter.)

When the input parameter is not correct, "ERR" returns. (Refer to "Response code format".)



When "?" is input for some commands, the present setting value responds.

?			
?	?	?	?

Response code format



PC compatibility chart

Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
	720 × 400	31.5 kHz	70 Hz	
VGA	640 × 480	31.5 kHz	60 Hz	1
VGA	640 × 480	37.9 kHz	72 Hz	✓
	640 × 480	37.5 kHz	75 Hz	1
	800 × 600	35.1 kHz	56 Hz	✓
SVGA -	800 × 600	37.9 kHz	60 Hz	✓
	800 × 600	48.1 kHz	72 Hz	✓
	800 × 600	46.9 kHz	75 Hz	1

Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
	1024 × 768	48.4 kHz	60 Hz	1
XGA	1024 × 768	56.5 kHz	70 Hz	1
	1024 × 768	60.0 kHz	75 Hz	✓
WXGA	1360 × 768	47.7 kHz	60 Hz	1
SXGA	1280 × 1024	64.0 kHz	60 Hz	✓
SXGA+	1400 × 1050	65.3 kHz	60 Hz	1

DDC is a registered trademark of Video Electronics Standards Association.

Power Management is a registered trademark of Sun Microsystems, Inc.

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

RS-232C commands list

Commands

• Commands not indicated here are not guaranteed to operate.

CONTROL ITEM	О	OMI	MAN	1D	PARAMETER		ER	CONTROL CONTENTS	
POWER SETTING	Р	0	W	R	0	_	_	_	POWER OFF (STANDBY)
INPUT SELECTION A	1	Т	G	D	-	_	-	_	INPUT SWITCHING (TOGGLE)
	1	Т	٧	D	_	_	_	_	TV (CHANNEL FIXED)
	1	Α	٧	D	*	_	_	_	INPUT1-7 (1-7)
CHANNEL	D	С	С	Н	*	*	_	_	TV DIRECT CHANNEL (1-99)
	С	Н	U	Ρ	_	_	_	_	CHANNEL UP
	С	Н	D	W	_	_	_	_	CHANNEL DOWN
INPUT SELECTION B	1	Ν	Ρ	1	0	_	_	_	INPUT1 (Auto)
	1	Ν	Ρ	1	1	_	_	_	INPUT1 (COMPONENT)
	1	Ν	Ρ	1	3	_	_	_	INPUT1 (VIDEO)
	1	Ν	Ρ	2	0	_	_	_	INPUT2 (Auto)
	1	Ν	Ρ	2	1	_	_	_	INPUT2 (COMPONENT)
	1	Ν	Р	2	3	_	_	_	INPUT2 (VIDEO)
	1	Ν	Р	3	0	_	_	_	INPUT3 (Auto)
	1	Ν	Р	3	2	_	_	_	INPUT3 (S-VIDEO)
	1	Ν	Р	3	3	_	_	_	INPUT3 (VIDEO)
AV MODE SELECTION	Α	٧	М	D	0	_	_	_	TOGGLE
SELECTION	Α	٧	М	D	1	_	_	_	STANDARD
	Α	٧	М	D	2	_	_	_	MOVIE
	Α	٧	М	D	3	_	-	_	GAME
	Α	٧	М	D	4	_	_	_	USER
	Α	٧	М	D	5	_	_	_	DYNAMIC (FIXED)
	Α	٧	М	D	6	_	_	_	DYNAMIC
	Α	٧	М	D	7	_	-	_	PC

CONTROL ITEM	COMMAND		PARAMETER			ER	CONTROL CONTENTS		
VOLUME	٧	0	L	М	*	*	_	_	VOLUME (0-60)
POSITION	Н	Ρ	0	S	*	*	*	_	H-POSITION (AV) (-10-10)
		Р	0	S	*	*	*	_	H-POSITION (PC) (0-180)
	٧	Ρ	0	S	*	*	*	_	V-POSITION (AV) (-20-20)
	٧	Ρ	0	S	*	*	*	_	V-POSITION (PC) (0-120)
	С	L	С	Κ	*	*	*	_	CLOCK (0-180)
	Р	Н	S	Е	*	*	_	_	PHASE (0-15)
WIDE MODE		1	D	Е	0	_	_	_	TOGGLE
	W	1	D	Е	1	_	-	_	NORMAL
	W	1	D	Е	2	_	_	_	ZOOM 14:9
	W	1	D	Е	3	_	-	_	PANORAMA
	W	1	D	Е	4	_	_	_	FULL
	W	1	D	Е	5	_	_	_	CINEMA 16:9
	W	1	D	Е	6	_	_	_	CINEMA 14:9
		1	D	Е	7	_	_	_	UNDERSCAN
	W	1	D	Ε	8	_	-	_	DOT BY DOT
MUTE	М	U	Т	Ε	0	_	_	_	TOGGLE
	М	U	Т	Е	1	_	-	_	MUTE ON
	М	U	Т	Е	2	_	-	_	MUTE OFF
SURROUND	Α	С	S	U	0	_	-	_	SURROUND TOGGLE
	Α	С	S	U	1	_	_	_	SURROUND ON
	Α	С	S	U	2	_	-	_	SURROUND OFF
AUDIO CHANGE	Α	С	Н	Α	-	_	-	-	TOGGLE
SLEEP TIMER	0	F	Т	М	0	-	-	_	OFF
		F	Т	М	1	_	-	_	SLEEP TIMER 30 MIN
		F	Т	М	2	_	-	_	SLEEP TIMER 1 HOUR
		F	Т	М	3	-	_	_	SLEEP TIMER 1 HOUR 30 MIN
		F	Т	М	4	_	-	_	SLEEP TIMER 2 HOUR
	0	F	Т	М	5	_	_	_	SLEEP TIMER 2 HOUR 30 MIN

⊘ NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.

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.	Check if you pressed POWER on the remote control unit. (See page 13.) If the indicator on the TV lights up red, press POWER . Is the AC cord disconnected? (See page 8.) Has the power been turned on? (See page 13.)
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 12.) 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.	Is the image position correct? (See page 34.) Are screen mode adjustments such as picture size made correctly? (See pages 29, 30 and 40.)
Strange colour, light colour, or dark, or colour misalignment.	 Adjust the picture tone. (See pages 32 to 34.) Is the room too bright? The picture may look dark in a room that is too bright. Check the colour system setting. (See pages 20 and 38.) Check the input signal setting. (See page 42.) Check the HDMI Setup setting. (See page 36.)
Power is suddenly turned off.	 The unit's internal temperature has increased. Remove any objects blocking the vent or clean. Check the power control setting. (See pages 27 and 28.) Is the sleep timer set? (See page 27.)
No picture.	 Is the connection to external equipment correct? (See pages 9, 10, 36, 39 and 40.) Has the input signal setup been performed correctly after connection? (See page 42.) Is the correct input selected? (See page 37.) Is the picture adjustment correct? (See pages 32 to 34.) Is the antenna connected properly? (See page 8.) Is "On" selected in "Audio Only"? (See page 24.)
No sound.	Is the volume too low? (See page 18.) Make sure that headphones are not connected. (See page 6.)
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.

Reset

If complex adjustments are made and the settings cannot be restored to normal, you can reset the settings to the factory preset values.

- Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Reset", and then press ENTER.
- Press ▲/▼ to select "Yes", and then press ENTER.
 - When "Reset" is completed, the backlight will turn off and then on in a short period of time.
 - The screen will be returned to its original state.
 - "Execute auto installation" displays on the screen.
 - Press ▲/▼ to select "Yes" and then press ENTER.
 - "Auto installation" will be executed.

NOTE

 If you execute "Reset", all the settings such as Picture, Audio, Programme and Language will be reset to the factory preset values.

Specifications

Model		Model	LC-42GX3H	LC-46GX3H	LC-52GX3H			
LCD panel			42" (1067 mm) Advanced Super View & BLACK TFT LCD	46" (1168 mm) Advanced Super View & BLACK TFT LCD	52" (1322 mm) Advanced Super View & BLACK TFT LCD			
Resolution			2,073,600 pixels (1920 × 1080)					
Video Colou	ır Syste	m	PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60					
TV TV-Standard		ındard	PAL: B/G, D/K, I SECAM: B/G, D/K, K/K ₁ NTSC: M					
	Receiv	0	44.25—863.25 MHz					
	Chann	CATV	S1—S41ch (including Hyperband)					
TV-T		ning System	Auto Preset 99 ch					
	STEREO/BILINGUAL		NICAM: B/G, I, D/K A2 stereo: B/G					
Brightness			450 cd/m ²					
Backlight life			60,000 hours (at Backlight Standard position)					
Viewing and	les		H: 176° V: 176°					
Audio ampli	fier		7.5W × 2+15W					
Speakers			10 × 4 cm 2pcs, Ø 2 cm 2pcs, Ø 5.5cm 1pc					
Terminals	Rear	Antenna input	UHF/VHF 75 Ω DIN type					
		INPUT 1	VIDEO in, AUDIO in, COMPONENT in (480I, 576I, 480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz)					
	INPUT 2		VIDEO in, AUDIO in, COMPONENT in (480I, 576I, 480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz)					
INPUT 3 INPUT 4 INPUT 5 INPUT 6 INPUT 7 (PC input) MONITOR OUT		INPUT 3	S-VIDEO in, VIDEO in, AUDIO in					
		INPUT 4	HDMI (HDMI input) (480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz)					
		INPUT 5	HDMI (HDMI input) (480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz)					
		INPUT 6	HDMI (HDMI input) (480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz), AUDIO in (Ø 3.5 mm jack)					
		INPUT 7 (PC input)	15 pin mini D-sub, AUDIO in (Ø 3.5 mm jack)					
		MONITOR OUT	VIDEO out, AUDIO out					
RS-232C			9 pin D-sub male connector					
		DIGITAL AUDIO OUTPUT	Optical Digital Audio output					
OSD language			English/Simplified Chinese/Traditional Chinese/Arabic					
Power Requirement		t	AC 110—240 V, 50/60 Hz					
Power Consumption		on	250 W (0.5 W Standby)	271 W (0.5 W Standby)	307 W (0.5 W Standby)			
Weight without stand with stand		without stand	22.5 kg	26.0 kg	30.0 kg			
		with stand	24.5 kg	28.0 kg	32.0 kg			
Operating Temperature		ature	$0^{\circ}\text{C} - 40^{\circ}\text{C}$					

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.

Optional accessory

The listed optional accessory is available for the LCD colour TV. Please purchase it at your nearest shop.

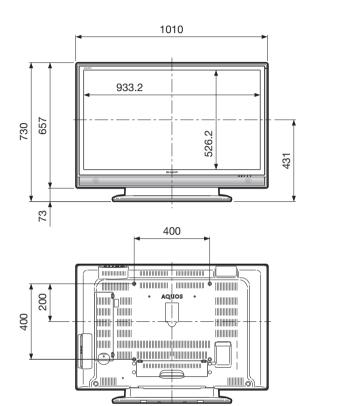
 Additional optional accessories may be available in the near future. When purchasing, please read the newest catalogue for compatibility and check the availability.

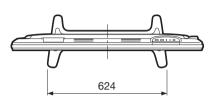
Part name	Model number
Wall mount bracket (for LC-42GX3H/ LC-46GX3H/ LC-52GX3H)	AN-52AG4

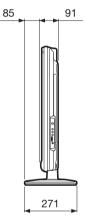
Dimensional drawings

Unit: mm

LC-42GX3H



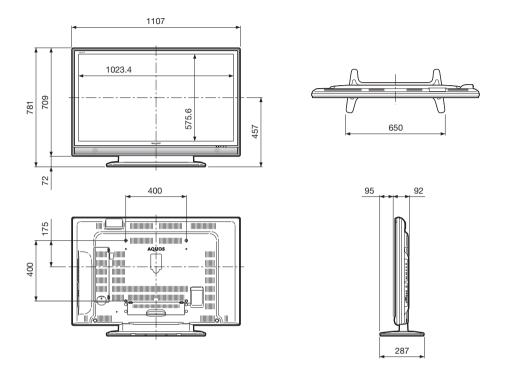




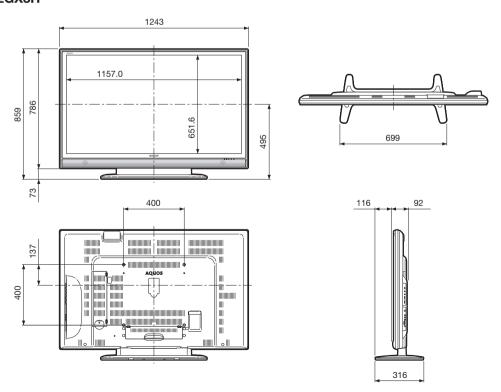
Dimensional drawings

LC-46GX3H

Unit: mm



LC-52GX3H



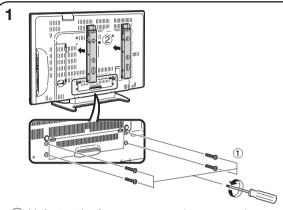
Mounting the TV on the wall

Removing the stand

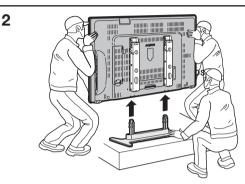
For wall mounting with the optional bracket (AN-52AG4) remove the stand.

Before setting TV on the wall.

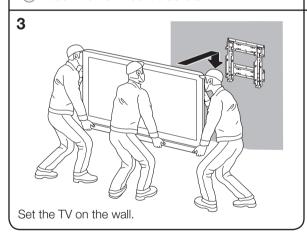
- Remove the connected cables (DVD, VCR, etc) from the terminals.
- Detach the four caps at the 4 locations on the rear of the TV.



- ① Unfasten the four screws used to secure the stand in place.
- (2) Attach the wall mount brackets.



- ① Detach the stand from the TV. (Hold the stand so it will not drop from the edge of the base area.)
- ② Use the protective cover to prevent dust from entering the underside of TV where the stand has been detached. (See page 50)

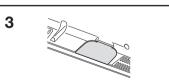


Affixing the protective cover

This TV type is designed to be hung on a wall. Affix the supplied protective cover to the TV cabinet hole by following the instructions below.







Firmly affix the protective cover to the cabinet hole on the bottom of the TV.

⊘ NOTE

- To attach the stand, perform the above steps in reverse order.
- As the TV is very heavy, be careful when moving it.

Handling and precautions with the wall-mounted TV

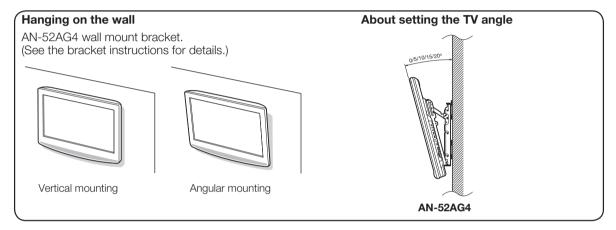
- You can mount the TV on the wall using the optional AN-52AG4 bracket.
- For details, refer to the instructions supplied with the optional bracket.

CAUTION

- This TV should be mounted on the wall only with the AN-52AG4 (SHARP) wall mount bracket. The use of other wall mount brackets may result in an unstable installation and may cause serious injuries.
- Installing the TV 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.

Using a SHARP recommended bracket to mount the TV

- You can ask a qualified service professional about using a SHARP recommended AN-52AG4 bracket to mount the TV to the wall.
- · Carefully read the instructions that come with the bracket before beginning work.



NOTE)

• Detach the cable clamps on the rear of the TV when using the optional mount bracket.

Wall Mounting

- Mark
 - Mark the monitor's outline by placing tape at four points on the wall where the LCD-TV's four corners' will lie when it is installed.
 - When you mark the monitor's outline on the wall, make sure that the vertical and horizontal lines are made accurate to the TV's dimension.
 - Use adhesive tape that will not leave permanent marks.
- 2

Make diagonal lines from the four corners and mark their intersecting point.

- Diagonally stretch string and mark the intersecting point in a way that no permanent marks will be left on the wall.
- 3

Mount the bracket on the wall by positioning the bracket's mark that indicates the display's centre onto the intersecting point.

- The following measurement figures are rough estimates. The figures differ according to the location where you attach the TV.
- 4
- (1) Remove the screws from the stand.
- (2) Attach the bracket to the LCD-TV.
- (3) When adjusting the bracket's angle, adjust it before installing the TV on the wall.
- The adjusting angles of AN-52AG4 are 0°, 5°, 10°, 15° and 20°.
- 4 Lift the TV, remove it from the stand and attach it to the bracket.
- Attach the TV by aligning the monitor's four corners with the wall markings.
- When you adjust the TV's angle, make sure to remove the monitor from the wall.
- 5

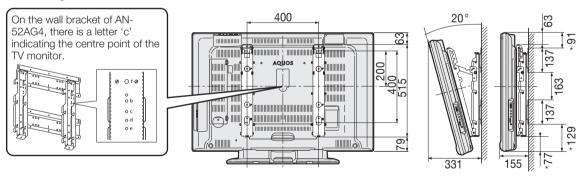
Remove the tape and the string from the wall.

NOTE

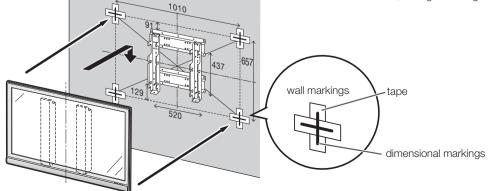
• The above description is for reference. Please mount the TV in a way which properly suits the location.

LC-42GX3H

When using wall mount bracket AN-52AG4

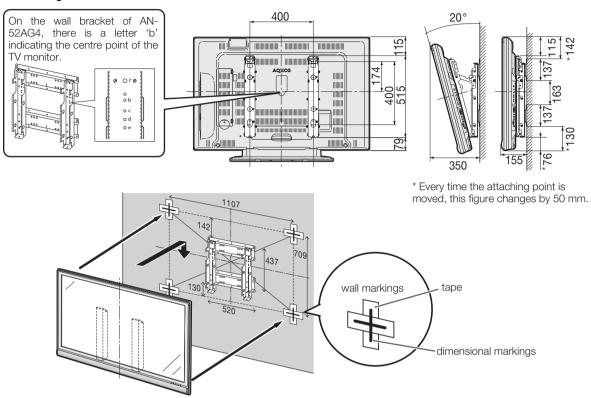


* Every time the attaching point is moved, this figure changes by 50 mm.



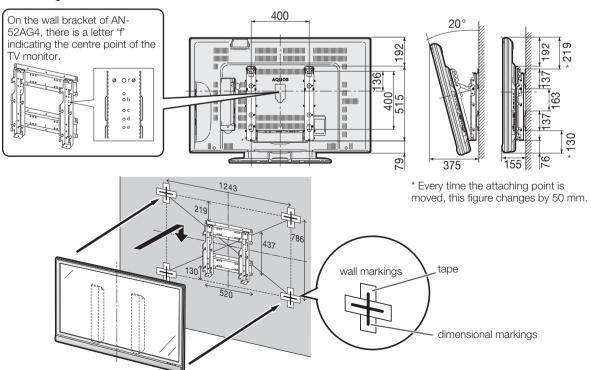
LC-46GX3H

When using wall mount bracket AN-52AG4



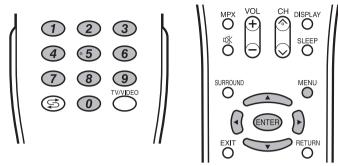
LC-52GX3H

When using wall mount bracket AN-52AG4



CLEARING THE PASSWORD

If you forget your password, set a new password using the following procedure.



- Press **MENU** and the MENU screen displays.
- Press **◄/▶** to select "Setup".
- Press ▲/▼ to select "Child Lock", and then press ENTER.
- The password input screen displays.

_ - - - -

- If you enter "3001" using 0 9, the "Child Lock" setting menu will be displayed.
- Enter the 4-digit number as a password using **0 9**. (See page 26.)

The new password is now set.

The Password is .

NOTE

• As a precautionary measure, make a note of your password above, remove it from this manual, and keep it in a familiar place.



