SHARP®

AQUOS LED

LC-32LE550M

LCD COLOUR TELEVISION

OPERATION MANUAL

AQUOS

SHARP

HDMI   **DIVX HD**

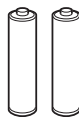**DOLBY DIGITAL**

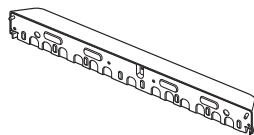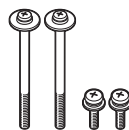## Supplied accessories

Remote control unit

"AAA" size battery (×2)

Operation manual

SHARP

Stand unit

Stand base

Screws (× 4)

Contents

Dear SHARP customer

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

Important Safety Precautions

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

Trademarks

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- ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

Attaching the stand

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

1 Confirm the screws supplied with the TV.
 **Screws (×4)**
  (used in step 3)

2 Insert the stand base guide pins to the stand holes on the rear of the TV. (①)
  - Make sure the symbol on the stand base is parallel with the triangle symbol located at the back of the TV.

3 Insert and tighten the 4 screws into the 4 holes on the rear of the stand base. (②)
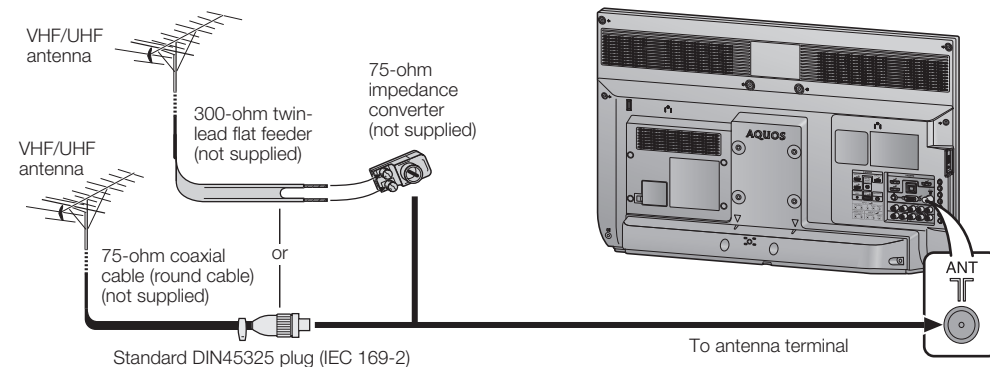
NOTE
- To detach the stand, perform the steps in reverse order.
- The TV position setting is set to 7° backward after attaching the stand.
- Do not remove the plastic wrap before attaching the stand base to protect it from scratches.
- The bottom area of the set (curvy area) must be beyond the table's edge to prevent the TV from damage.

Stand base guide pins
Screw driver
Soft cushion
Screw
Guide pin holes
Table edge
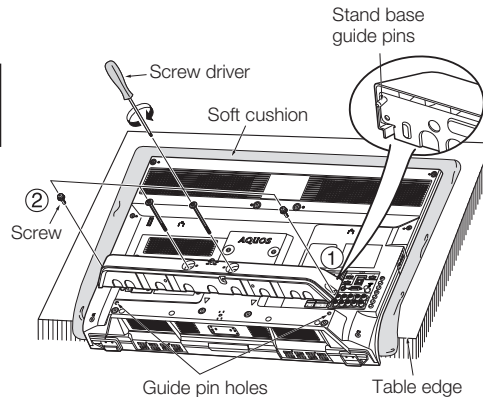
Antenna connection

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

VHF/UHF antenna
75-ohm impedance converter (not supplied)
300-ohm twin-lead flat feeder (not supplied)
VHF/UHF antenna
75-ohm coaxial cable (round cable) (not supplied)
or
Standard DIN45325 plug (IEC 169-2)
AQUOS
ANT
To antenna terminal

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

If your outdoor antenna uses a 300-ohm twin-lead flat feeder, connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set.

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

NOTE
- Place the TV close to the AC outlet, and keep the power plug within reach.

Connecting external devices

You can connect many types of external equipment to your TV, like a VCR, game console, camcorder, DVD player, Digital TV STB (Set Top Box) and PC. To view external source images, select the input source from **INPUT** on the remote control unit or **INPUT** 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 STB (Set Top Box), PC or other external equipment.
- Refer to the relevant operation manual (VCR, DVD player, etc.) carefully before making connections.

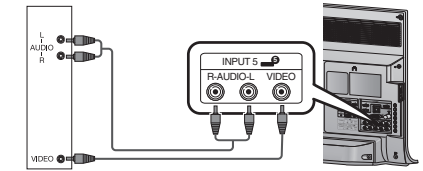## Connecting a VCR, game console or camcorder

A VCR, game console, camcorder and some other audiovisual equipment can be conveniently connected using the INPUT 4 or INPUT 5 terminals.

When using component cable (commercially available)

INPUT 4
R-AUDIO-L Y $P_B(C_B)$ $P_R(C_R)$
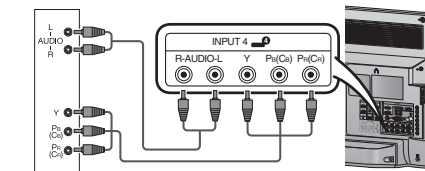
VCR/Game console/Camcorder

When using composite cable (commercially available)
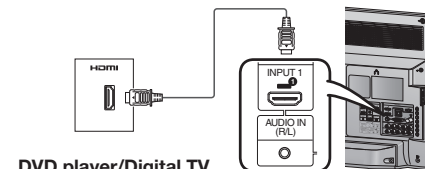
INPUT 5
R-AUDIO-L VIDEO

VCR/Game console/Camcorder

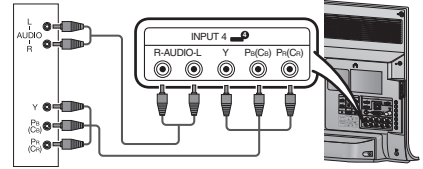## Connecting a DVD player/Digital TV STB (Set Top Box)

You can use the INPUT 1/INPUT 2/INPUT 3 (HDMI), INPUT 4 terminals when connecting to a DVD player/Digital TV STB (Set Top Box) and other audiovisual equipment.

When using HDMI-certified cable (commercially available)

INPUT 1
AUDIO IN (R/L)

DVD player/Digital TV STB (Set Top Box)

When using component cable (commercially available)

INPUT 4
R-AUDIO-L Y $P_B(C_B)$ $P_R(C_R)$

DVD player/Digital TV STB (Set Top Box)

Connecting a PC

You can use the INPUT 6 PC terminals when connecting to a PC of ANALOGUE RGB terminal.

ANALOGUE RGB

AUDIO (L/R)
ANALOGUE RGB
AUDIO IN (R/L) INPUT 6 PC
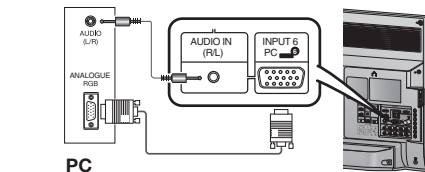
PC

Using Digital Audio Output

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

Optical fibre cable (commercially available)
DIGITAL AUDIO OUTPUT
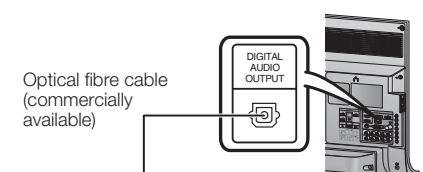
To optical digital input of external audio devices

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.
- The DIGITAL AUDIO OUTPUT terminal does not output any signal during HDMI digital input.

Remote control unit
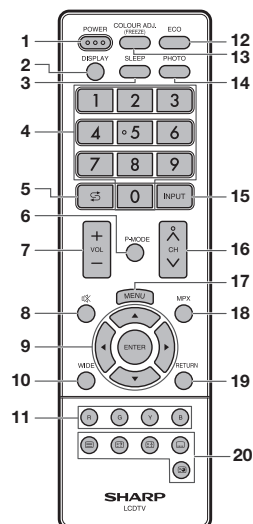
1 POWER (STAND BY/ON)
To switch the power on and off. (See page 6.)

2 DISPLAY
Display the channel or input information.

3 SLEEP
Set the Sleep timer. (See page 9.)

Off ⟶ 10 min. ⟶ 20 min. ⟶ 30 min. ⟶ 60 min.

240 min. ⟵ 180 min. ⟵ 120 min. ⟵ 90 min.

4 0 – 9
Set the channel.
TELETEXT mode: Set the page. (See page 12.)

5 ↰ (Flashback)
Press ↰ to return to the previous selected channel or external input mode.

6 P-MODE
Select a video setting. (See page 7.)

7 VOL＋/VOL－
Set the volume.
(**VOL＋**) Increase the volume.
(**VOL－**) Decrease the volume.

8 ⊠ (Mute)
Press ⊠ → Mutes sound.
Press ⊠ again → Restores sound.

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 ＋**.

9 ▲/▼/◀/▶ (Cursor)
Select a desired item on the setting screen.
ENTER
Execute a command.

10 WIDE
Change the wide image mode. (See page 10.)

11 Colour (Red/Green/Yellow/Blue)
The coloured buttons are correspondingly used to select the coloured items on the screen.
TELETEXT mode: Select a page. (See page 12.)

12 ECO
Reduce overall power consumption based on user preferences. (See page 11.)

13 COLOUR ADJ. (FREEZE)
Freeze a motion picture on the screen and adjust the colour tone of the still image. (See page 11.)

14 PHOTO
Display your pictures directly on the TV screen. (See page 13.)

15 INPUT (INPUT SOURCE)
Select an input source.

16 CH∧/CH∨
TV input mode: Select the channel.
(**CH∧**) Increase the channel number.
(**CH∨**) Decrease the channel number.
TELETEXT mode: Select a page. (See page 12.)

17 MENU
Display the menu screen.

18 MPX
Select the sound multiplex mode.

19 RETURN
MENU mode: Return to the previous menu screen.

20 ▤ (TELETEXT), ▣? (Reveal hidden for TELETEXT), ▤ (Hold), ▭ (SUBTITLE for TELETEXT), ▤ (Subpage)
Use for TELETEXT mode. (See page 12.)

Inserting the batteries

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

1 Open the battery cover.

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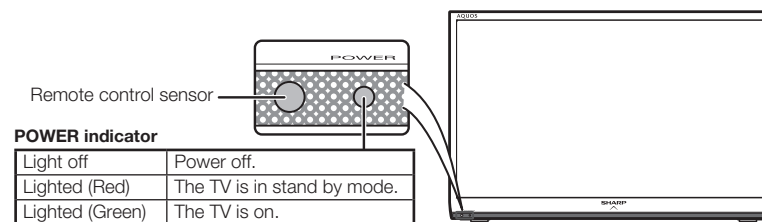
3 Close the battery cover.
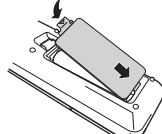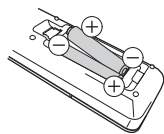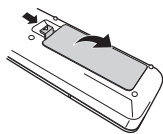
• Place batteries with their terminals corresponding to the (＋) and (－) indications in the battery compartment.

⚠ **CAUTION**

• Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Part names

TV (Front)

Remote control sensor

POWER indicator

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

TV (Rear)

1 POWER (On/Off) button
2 MENU button
3 INPUT button
4 Channel up (∧)/down (∨) buttons
5 Volume up (＋)/down (－) buttons
6 INPUT 1*/INPUT 2/INPUT 3 (HDMI) terminal
7 INPUT 4 terminals
8 AUDIO OUT terminals
9 INPUT 5 terminals
10 Antenna input terminal
11 INPUT 6 PC terminal*
12 DIGITAL AUDIO OUTPUT terminal
13 USB terminal**
14 Headphone jack (φ 3.5 mm)
• The speakers do not output volume when headphones are plugged in.

* The INPUT 1 and INPUT 6 PC terminals can both use the same analogue audio input terminal. However, the proper item must be selected in the "HDMI audio select" menu. (See page 10.)

** USB terminal use for USB Media Player. (See page 12.)

• The illustrations in this operation manual are for explanation purposes and may vary slightly from the actual operations.

Turning the TV on/off

Turning on/off the power

• **To turn on the power**
Press **POWER** on the TV. (After a few seconds, an image appears with sound.)

• **To turn off the power**
Switch it off by pressing **POWER** on the TV.

Stand by mode

• **To stand by mode**
If the TV is switched on, you can switch it to stand by by pressing **POWER** on the remote control.

• **Switching on from stand by**
From stand by, press **POWER** on the remote control.

✎ **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 stand by mode.

Initial auto installation

When the TV powers on for the first time after purchase, the initial auto installation wizard appears. Follow the menus and make the necessary settings one after another.

1 Press **POWER** to turn on the TV.

2 The language screen appears, and then press **ENTER**.
Press ◄/► to select "Home" or "Store", and then press **ENTER**.
Home:
• "Standard" will be the default value for the "Picture mode" setting.
Store:
• "Dynamic" will be the default value for the "Picture mode" setting. If the "Picture mode" is changed, the TV will automatically switch back to "Dynamic" when there is no further change to TV setting for 30 minutes.
• The confirmation screen appears only when selecting "Store".
Press ◄/► to select "Yes" or "No".
• To change the Store mode to Home mode, please refer to page 11 to reset the unit.
• Auto installation will be executed.
• You do not need to do anything during the auto search.

✎ NOTE
• You can set initial auto installation manually in the "First time installation" on the "Setup" menu screen. (See page 11.)

Selecting a preset Picture mode

"Picture mode" gives you several viewing options to choose from to best match 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 **P-MODE**.

2 Each time you press **P-MODE**, the mode changes.
• You can also switch the mode in the "Picture mode" menu on the "Picture" menu screen.

| Selected item	Description
Dynamic	For a clear-cut image emphasising high contrast for sports viewing.
Standard	For a highly defined image in a normally bright room.
Mild	For a softer picture brightness.
Personal	Allows the user to customise settings as desired. You can set the mode for each input source.

✎ NOTE
• You can select a different Picture mode item for each input mode. (For example, select Standard for TV input and Dynamic for AV input.)

Menu operation

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

2 Press ◄/► to select the desired menu. (Channel, Picture, Sound, Time, Lock, Setup)

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

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

Channel menu
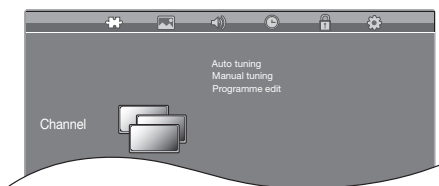
■ **Auto tuning**
You can run auto tuning again, even after setting up the preset channels.

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

2 Press ◄/► to select " " (Channel).

3 Press ▲/▼ to select "Auto tuning", and then press **ENTER**.

4 If you have already set the password, enter it here.
• See page 9 for setting a password.

5 You do not need to do anything during the auto search. Press **MENU** to exit.

■ **Manual tuning**
You can set some channel items manually.

1 Repeat steps 1 and 2 in **Auto tuning**.

2 Press ▲/▼ to select "Manual tuning", and then press **ENTER**.

3 If you have already set the password, enter it here.
• See page 9 for setting a password.

4 Press ▲/▼ to select your desired item, and then press ◄/► to adjust the settings.

Current CH
Select the channel you want to edit.
• Selected channel will be automatically reflected in the background.

Channel menu (Continued)

Colour system
Select the optimum colour system to receive. (PAL, SECAM, NTSC 3.58, NTSC 4.43, PAL 60).
Sound system
Select the optimum sound system (Broadcasting system) to receive. (BG, DK, I, M).
Fine-tune
Start searching from current channel.
• Instead of pressing ◄/► to adjust the frequency, you can set by directly entering the frequency number of the channel with **0 — 9**.
Search
Tune the frequency of the stored channel to your desired position.
• Adjust while checking the background picture as a reference.

■ **Programme edit**
Use this menu to set up a channel individually.

1 Repeat steps 1 and 2 in **Auto tuning**.

2 Press ▲/▼ to select "Programme edit", and then press **ENTER**.

3 If you have already set the password, enter it here.
• See page 9 for setting a password.

4 Press ▲/▼ to select the channel you want to edit, and then press **R, G, Y, B** on the remote control if necessary or press **RETURN** to MENU screen.

Delete
Channels can be erased individually.
Press **R** to erase the selected channel.
Label
To enter the name of the channel. Maximum 5 alphanumeric can be input. Press **G** to start labelling.
• Press ▲/▼: To select a desired alphanumeric.
• Press ◄/►: To move to the desired alphanumeric position.
Press **ENTER** to save.
Move
Channel positions can be moved freely.
Press **Y** to select the channel you want to move.
Press ▲/▼ to move it to the desired position, and then press **Y** again or **ENTER** to save.
Skip
Channels with "Skip" set to " " are passed over when using **CH∧/∨** even if selected while watching the image from the TV.
Press **B** to skip the selected channel.
Press **B** again to cancel the skip.

Picture menu
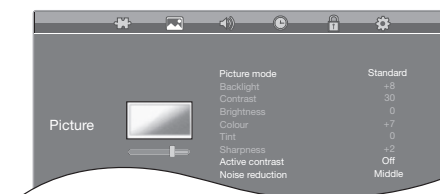
■ **Picture adjustments**

Selected item	◄ button	► button
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 reddish	Skin tones become greenish
Sharpness	For less sharpness	For more sharpness

✎ NOTE
• Picture adjustments cannot be changed during "Dynamic", "Standard" or "Mild" mode.

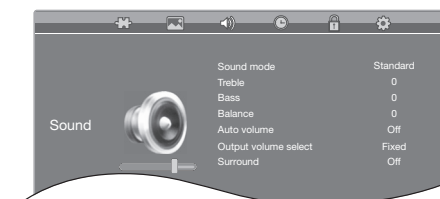■ **Active contrast**
Automatically adjusts the contrast of an image according to the scene. (On, Off)

■ **Noise reduction**
Reduces noise on screen and produces a clearer video image. (Off, Low, Middle, High, Auto)

Sound menu

■ **Sound mode**
This function gives you several sound options to choose from to best match the type of programme watched. (Standard, Movie, Music, Personal, Dynamic)

◀)) Sound menu (Continued)

■ Sound adjustments

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

■ Auto volume
Different sound sources, fairly often do not have the same volume level, for example the changing from movie to the advertisements. Auto volume solves this problem and equalises the volume levels.
(On, Off)

■ Output volume select
Allows you to select what controls the audio output.

| Selected item	Description
Fixed	• Sound via speakers is adjusted with **VOL +/−** on the remote control unit or the TV. • Sound via the AUDIO OUT terminal is not adjustable and constantly outputs.
Variable	• Sound via the AUDIO OUT terminal is adjusted with **VOL +/−** on the remote control unit or the TV. • Sound via speakers is muted.

NOTE
• When "Output volume select" is set to "Variable", all Sound menu item cannot be adjusted.

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

🕐 Time menu

Sleep timer — Off
No operation off — 30 min.
No signal off — Enable
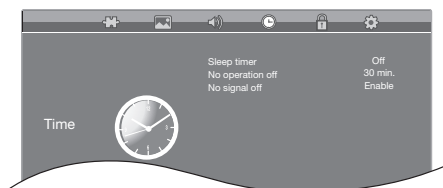
Time

■ Sleep timer
This function is conveniently used when, for instance, going to bed while watching TV.
(Off, 10 min., 20 min., 30 min., 60 min., 90 min., 120 min., 180 min., 240 min.)

NOTE
• When the time has been set, countdown automatically starts.
• Select "Off" to cancel the Sleep timer.
• You can also select "Sleep timer" by pressing **SLEEP**.

■ No operation off
You can set the TV to automatically power off when no TV operation is performed for more than 3 hours.
(30 min., 3 hours, Disable)
• Five minutes before the power shuts down, the remaining time displays every minute.

■ No signal off
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. (Enable, Disable)
• Five minutes before the power shuts down, the remaining time displays every minute.

NOTE
• If the input source is PC, the TV will automatically power off in about 5 minutes after the TV goes into a state of receiving no signal.
• When a TV programme finishes, and the TV receives signal input, this function may not operate.

🔒 Lock menu

Lock system — Off
Set password
Block programme
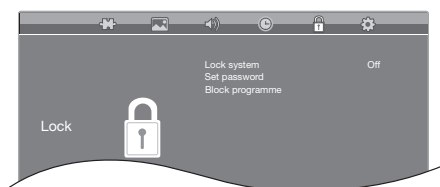
Lock

■ Lock system
You can block the viewing of any selected channel.
(On, Off)
Password must be set first to allow "Lock system" to function.

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

2 Press ◀/▶ to select "🔒" (Lock).

3 Press ▲/▼ to select "Lock system", and then press **ENTER**.

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

5 Press ◀/▶ to select "On" or "Off", and then press **ENTER**.

NOTE
• See "Set password" for setting a password.
• If "Lock system" is set to "On" for a channel, "Please enter password" is displayed when you select the channel, and the image and sound of the channel is blocked.

■ Set password
Allows you to use a password to protect certain settings from being accidentally changed.
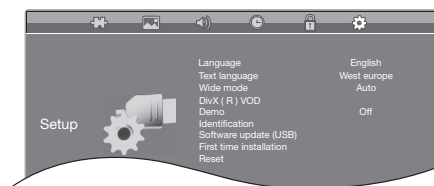
🔒 Lock menu (Continued)

1 Repeat steps 1 and 2 in **Lock system**.

2 Press ▲/▼ to select "Set password", and then press **ENTER**.

3 Enter the old 4-digit number as a password using **0 — 9**, and then enter the new 4-digit number as a password.

4 Enter the same 4-digit number in step 3 to confirm.

■ Block programme
Allows you to prevent unauthorized user such a child from watching unsuitable programmes.

1 Repeat steps 1 and 2 in **Lock system**.

2 Press ▲/▼ to select "Block programme", and then press **ENTER**.
The "Block programme" screen will appear.

3 Press ▲/▼ to select the programme you want to lock, and then press **G**.

⚙ Setup menu

Language — English
Text language — West europe
Wide mode — Auto
DivX (R) VOD
Demo — Off
Identification
Software update (USB)
First time installation
Reset

Setup

■ Language
Select from among 10 languages: English, Simplified Chinese, Arabic, French, Portuguese, Russian, Persian, Thai, Vietnamese and Indonesian.

■ Text language
Select from among 5 kinds of language: West europe, East europe, Cyrillic, Arabic, Farsi.

NOTE
• Teletext can display only when it is sent by a network. Not used to convert between languages.

■ Wide mode
You can manually select the size of a picture appeared on your screen.
Selectable picture size varies with the type of signal received.
Press ▲/▼ while the Wide mode menu displays on the screen.
• As you toggle down the options, each mode is immediately reflected on the TV.

| Selected item	Description
Auto	Keeps the original aspect ratio and enlarges the picture as much as possible.
4:3	For 4:3 "standard" pictures. A side bar appears on each side.

Wide mode (Continued)

Selected item	Description
16:9	For 16:9 squeeze pictures.
Zoom1	Normal image size will be slightly enlarged.
Zoom2	Further enlarge the Zoom1 image size.
Just Scan	Display with Just Scan image. Noise may appear on the edge of the screen with some programmes.

■ HDMI audio select (HDMI input mode only)
You must select Analogue if uses the AUDIO IN (R/L) jack for analogue audio input when using INPUT 1 (HDMI) terminal.

Option	Description
Digital	Select "Digital" if the Devices (DVD, Blu ray Player, Set Top Box or etc) is connected using HDMI cable to INPUT 1 (HDMI) terminal.
Analogue	Select "Analogue" if the Devices (PC or etc) is connected using DVI/HDMI convert cable to INPUT 1 (HDMI) terminal and AUDIO IN (R/L) jack is used to input Analogue Audio Signals.

Digital

INPUT 1

DVD player

Analogue

INPUT 1
AUDIO IN (R/L)

PC
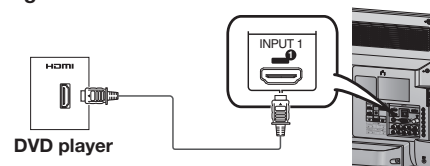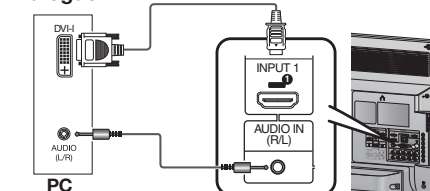
■ DivX (R) VOD
Please see USB Media Player on page 12.

■ Demo
When "Demo" is set to "On", after all the settings are completed, the Demo screen is displayed if there is no operation for several minutes. (On, Off)

■ Identification
You can check the current version of the software on the screen.

■ Software update (USB)
This function allows you to update the TV to the latest software using a USB device. You must update the software through the USB terminal.

⚙ Setup menu (Continued)

■ First time installation
You can set initial auto installation manually.

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

2 Press ◄/► to select "⚙" (Setup).

3 Press ▲/▼ to select "First time installation", and then press **ENTER**.

4 If you have already set the password, enter it here.
• See page 9 for setting a password.

5 The language screen appears, and then press **ENTER**.

6 Press ◄/► to select "Home" or "Store", and then press **ENTER**.
• The confirmation screen appears only when selecting "Store".
Press ◄/► to select "Yes" or "No".

7 Auto installation will be executed.
You do not need to do anything during the auto search.

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

📝**NOTE**
• If you execute "Reset", all the settings such as "Picture", "Sound" and "Setup" will be reset to the factory preset values.

⌗ Screen menu (PC input mode only)

Adjusting the PC image automatically

Auto adjust
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.

📝**NOTE**
• Auto adjust 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).

Adjusting the PC image manually

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

Selected item	Description
H-offset	Centres the image by moving it to the left or right.
V-offset	Centres the image by moving it up or down.
Size	Adjusts the image size to shrink or expand.
Phase	Adjusts when characters have low contrast or when the image flickers.
Position reset	Reset all adjustment items to factory preset values.

Colour adjustment and still image

Allows you to adjust the colour tone of a still image.

1 Press **COLOUR ADJ. (FREEZE)**, the moving image will be captured and colour adjustment screen displays.

2 Press ▲/▼/◄/► to adjust the colour to your desired setting.
• When "Picture mode" is "Dynamic", "Standard" or "Mild", it will automatically change "Picture mode" to "Personal".

Button	Description
▲	White with greenish tone.
▼	White with reddish tone.
◄	White with bluish tone.
►	White with yellowish tone.
R	Reveal/hide the setting screen.
G	Reset setting.
B	Close the setting screen and unfreeze image.
ENTER	Save/exit setting.

📝**NOTE**
• The colour adjustment screen and still image will automatically goes out after 30 minutes.

ECO mode

This function enables you to reduce the backlight brightness in order to decrease the power consumption and increase the backlight life span as shown in the following table.

Selected item	Description
ECO 1	Reduces the backlight brightness.
ECO 2	Reduces the backlight brightness more than "ECO 1".
ECO Off	Normal setting of backlight brightness.

ECO status will be displayed on the channel information window.

Teletext function

What is Teletext?
Teletext broadcasts pages of information and entertainment to specially equipped television sets. News, weather reports, sports information, stock exchange prices and programme previews are among the many services available.

Turning on and off Teletext

1 Select a TV channel or external input source providing the Teletext programme.

2 Press 📄 to display the Teletext.

3 Each time you press 📄, the screen switches as shown below.

📝**NOTE**
• If you select a programme with no Teletext signal, "No Teletext" is displayed.
• The same message displays during other modes if no Teletext signal is available.

Button functions

Buttons	Description
CH (∧/∨)	Increase or decrease the page number.
Colour (Red/Green/Yellow/Blue)	You can select a group or block of pages displayed in the coloured brackets at the bottom of the screen by pressing the corresponding **Colour (Red/Green/Yellow/Blue)** on the remote control unit.
0 — 9	Directly select any page from 100 to 899 by using **0 — 9**.
⌨ (Reveal hidden for TELETEXT)	To reveal hidden information such as an answer to a quiz.
⌨ (Hold)	To stop updating Teletext pages automatically or release the hold mode.
⌨ (Subtitle for TELETEXT)	Display the subtitle during Teletext page. • Subtitle will not be displayed when the service does not contain subtitle information.
⌨ (Subpage)	Display the subpage during Teletext page.

📝**NOTE**
• Teletext can display only when it is sent by a network. Not used to convert between languages.

PC compatibility chart

Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
VGA	640 × 480	31.5 kHz	60 Hz	✓
SVGA	800 × 600	37.9 kHz	60 Hz	✓
XGA	1024 × 768	48.4 kHz	60 Hz	✓
WXGA	1360 × 768	47.7 kHz	60 Hz	✓

VGA, SVGA, XGA and WXGA are registered trademarks of International Business Machines Corporation.

USB Media Player

DivX® setup

This is the function to confirm your registration code.

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

2 Press ◄/► to select "⚙" (Setup).

3 Press ▲/▼ to select "DivX (R) VOD", and then press **ENTER**.
• Copy the 10 digit code down.

DivX (R) VOD Register
You need to visit the DivX main page to register your TV. Please follow the online instruction to create DivX account and DivX registration video download.
Your registration is complete when you play the DivX registration video on TV.

DivX (R) VOD Deregister
You can find the deregistration code (8~10 digit). Please use this code to deactivate on DivX website.

📝**NOTE**
• Visit vod.divx.com for more information about DivX® VOD.

Connecting a USB device

Connect a USB device to the TV.
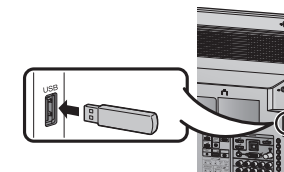
⚠**CAUTION**
• Do not disconnect a USB device from the TV while transferring files, when a screen is in "USB" mode.

■ Selecting modes
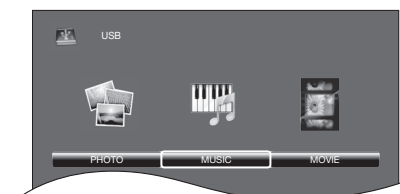
1 Press **INPUT** to select the "Media" mode.

2 Press ◄/► to select "PHOTO", "MUSIC" or "MOVIE", and then press **ENTER**.

3 Press ◄/► to select your USB directory, and then press **ENTER**.

4 Press ▲/▼/◄/► to select the desired folder, and then press **ENTER**.

✎ NOTE

- "Wide mode" is fixed during "PHOTO", "MUSIC" and "MOVIE".
- Depending on the USB device, the TV may not be able to recognise the contained data.
- Use only alphanumeric characters for naming files.
- A file name with more than 10 characters may not be displayed all (depending on the character set).
- Files in USB 1.1 devices may not be played properly.
- Operation using USB hubs is not guaranteed.
- The compatibility of USB HDDs may not be guaranteed.
- Multi drive USB is not supported.

PHOTO slide show

When you press **PHOTO**, the TV screen will automatically play the photo slide show.
- During photo slide show, press ▲/▼ to select the next/previous photo or press ◄/► to rotate the photo.
- If there is no USB drive, the TV will switch to **Selecting modes** screen.
- Photo slide show will autoplay only for the photos located on the top layer of USB drive. To enable autoplay for photos located in a subfolder, you need to manually select the subfolder, and then press **PHOTO**.

Video file format			
File extension	**Container**	**Video**	**Audio**
*.avi	AVI	DivX 3.11/4/4.12/5.x/6 XviD H.264 MPEG4 Motion Jpeg	MP3 MP2 Dolby Digital LPCM ADPCM AAC
*.mkv	MKV	H.264 MPEG4	MP2 Dolby Digital AAC
*.mp4 *.mov	MP4	H.264 MPEG4	MP3 LPCM ADPCM AAC
*.vob	VOB	MPEG2	Dolby Digital MP2
.mpg/.mpeg	PS	MPEG2 MPEG1	Dolby Digital MPEG LPCM
.ts/.trp/*.tp	TS	H.264 MPEG2	Dolby Digital MP2
*.asf	ASF	VC-1	Dolby Digital LPCM ADPCM
*.divx	DivX	DivX 3.11/4/4.12/5.x/6	MP3

✎ NOTE

- Files may not be playable depending on the bitrate or resolution.

You can select the duration for each photo to display, and also the duration for the slide show to play.

🖼⏰ Duration for photos to display

→ 3 sec. → 5 sec. → 10 sec. → 1 min. ⌐

🖼⏱ Duration for slide show to play

→ 1 hr. → 3 hr. → Continuous ⌐

- The TV will automatically power off after the selected playtime ends.

✎ NOTE

- Background music will autoplay during a slide show only if the music file is located in the same folder with the photo files.
- If you want to stop the photo slide show, press **RETURN** to exit.

List of files compatible with USB mode

USB device	USB Memory, USB card reader (Mass Storage class)
File system	FAT/FAT32/NTFS*
Photo file format	JPEG (.jpg) (DCF2.0 compliant), BMP, PNG
Music file format	MP3 (.mp3) Bitrate: 32 k, 40 k, 48 k, 56 k, 64 k, 80 k, 96 k, 112 k, 128 k, 160 k, 192 k, 224 k, 256 k, 320 kbps Sampling frequency: 32 k, 44.1 k, 48 kHz

* NTFS compressed file is not supported.

Control panel for PHOTO/MUSIC/MOVIE mode operations

- Press **B** to display the control panel below.

Button/menu	Description	PHOTO	MUSIC	MOVIE
ENTER	When selecting a folder icon: Enter this directory. When selecting a thumbnail: Play the selected file.	✓	✓	✓
▷/❙❙	Play/Pause.	✓	✓	✓
◁◁	Fast-backward. Each time you press fast-backward, the speed will change (2x, 4x, 8x, 16x).	–	✓	✓
▷▷	Fast-forward. Each time you press fast-forward, the speed will change (2x, 4x, 8x, 16x).	–	✓	✓
❙◁◁	Play the previous file.	✓	✓	✓
▷▷❙	Play the next file.	✓	✓	✓
G / ☐	Stop playback and return to the list of files.	✓	✓	✓
↻	Repeat all the files. Each time you press **ENTER**, the mode will switch between: Repeat 1 → Repeat all ⌐ └── Repeat none ←	✓	✓	✓
🖼⏰	Select photo display interval.	✓	–	–
🖼⏱	Select playback length of a slide show.	✓	–	–
🎵	Play/cancel the background music.	✓	–	–
🔇	Mute. Press **ENTER** to toggle between mute and unmute.	–	✓	–
↻AB	Two loop. Press **ENTER** to set the current playback time starting point. Press **ENTER** to set the loop end of the current playing time and start loop playback. Press **ENTER** button to cancel the loop.	–	–	✓
▤	Show playlists. Select a file from the playlists to start playback.	✓	✓	✓
ⓘ	Display information about the file.	✓	✓	✓
▷❙	Slow-forward. Each time you press slow-forward, the speed will change.	–	–	✓
❙▷	Step-forward. Each time you press **ENTER**, the picture will change to the next still picture.	–	–	✓
🕐	Set time for music/movie playback.	–	✓	✓
⟳90	Rotate clockwise 90°.	✓	–	–
⟲90	Rotate counterclockwise 90°.	✓	–	–
🔍	Zoom in an image. Select to display larger image size.	✓	–	–
🔍	Zoom out an image. Select to display smaller image size.	✓	–	–
✛	Pan image up, down, left or right after you zoom in. Press **ENTER** to exit.	✓	–	–

✎ NOTE

- Press **Y** to change subtitle for "MOVIE" mode.
- Files in folder which are not related to a selected mode cannot be accessed.
- "Unsupported file" alert will pops up for a selected file of invalid format.

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 6.) If the indicator on the TV lights up red, press **POWER**. • Is the AC cord disconnected? • Has the power been turned on? (See page 6.)
• Unit cannot be operated.	• External influences such as lightning, static electricity, etc., may cause improper operation. In this case, operate the unit after first turning the power off the TV or unplugging the AC cord and re-plugging it in after 1 or 2 minutes.
• Remote control unit does not operate.	• Are batteries inserted with polarity ($+$, $-$) aligned? (See page 5.) • Are batteries worn out? (Replace with new batteries.) • Are you using it under strong or fluorescent lighting? • Is a fluorescent light shining on the remote control sensor?
• Picture is cut off.	• Are screen mode adjustments such as picture size made correctly? (See pages 7, 11.)
• Strange colour, light colour, or dark, or colour misalignment.	• Adjust the picture tone. (See page 8.) • Is the room too bright? The picture may look dark in a room that is too bright. • Check the "Colour system" setting. (See page 8.)
• Power is suddenly turned off.	• The unit's internal temperature has increased. Remove any objects blocking the vent or clean. • Is the "Sleep timer" set? (See page 9.)
• No picture.	• Is the connection to external equipment correct? (See page 4.) • Is the correct input selected? • Is the picture adjustments correct? (See page 8.) • Is the antenna connected properly? (See page 3.)
• No sound.	• Is the volume too low? (See page 5.) • Make sure that headphones are not connected.
• 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 $+60°C$.

Clearing the password

If you forget the password, clear the password using the following procedure.

1 Repeat steps 1 to 2 in **Lock system**. (See page 9.)

2 Press ▲/▼ to select "Set password", and then press **ENTER** and the password input screen displays.

3 Enter "3001" using **0 – 9** to clear your password.

4 Enter the 4-digit number as a password using **0 – 9**. The new password is now set.

Specifications

Item		Model	LC-32LE550M
LCD panel			80 cm
Resolution			1,049,088 pixels (1366 × 768)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60
TV Function	TV-Standard		PAL: B/G, D/K, I SECAM: B/G, D/K, K/K₁ NTSC: M
	Receiving Channel	VHF/UHF	43.25—863.25 MHz
		CATV	S1—S41ch (including Hyperband)
	TV-Tuning System		Auto Preset 99 ch
	STEREO/BILINGUAL		NICAM: B/G, I, D/K A2 stereo: B/G
Viewing angles			H : 176° V : 176°
Audio amplifier/Speakers			10 W × 2 / 4 × 10 cm 2pcs
Terminals	Antenna input		UHF/VHF 75 Ω DIN type
	INPUT 1		HDMI (HDMI input), AUDIO in (ϕ 3.5 mm jack)
	INPUT 2/INPUT 3		HDMI (HDMI input) / HDMI (HDMI input)
	INPUT 4		AUDIO in, COMPONENT in
	INPUT 5		VIDEO in, AUDIO in
	INPUT 6 PC		15 pin mini D-sub, AUDIO in (common use with INPUT 1) (ϕ 3.5 mm jack)
	AUDIO OUT		AUDIO out
	USB		USB
	DIGITAL AUDIO OUTPUT		Optical Digital Audio Output
	Headphone		ϕ 3.5 mm stereo
OSD language			English/Simplified Chinese/Arabic/French/Portuguese/Russian/Persian/Thai/Vietnamese/Indonesian
Power Requirement			AC 110—240 V, 50/60 Hz
Power Consumption			53 W (0.8 W Stand by)
Dimensions	without stand		735 (W) × 471 (H) × 113 (D) mm
	with stand		735 (W) × 463 (H) × 167 (D) mm
Weight			8.0 kg (without stand) / 8.5 kg (with stand)
Operating Temperature			0°C — 40°C

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

Optional accessory

Some of the listed optional accessories may not be available depending on the region.
Please check with your nearest Sharp Authorised Dealer for current optional accessories as we may add more optional accessories from time to time.

Part name	Model number
Wall mount bracket	AN-130AG1

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