SHARP®

AQUOS

LC-24LE155M

LED BACKLIGHT TV

OPERATION MANUAL

HDMI   LED

Supplied accessories

Remote control unit

"AAA" size battery (× 2)

Operation manual

Stand unit

Stand base

Post

Screws (× 4)

Dear SHARP customer

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

Important Safety Precautions

• Cleaning — Unplug the AC cord from the AC outlet before cleaning the product. Use a soft damp cloth to clean the product. Do not use liquid cleaners, aerosol cleaners or chemical cloth to clean it, as such materials may damage the product.

• Water and moisture — Do not use the product near water, such as bathtub, washbasin, kitchen sink, laundry tub, swimming pool and in a wet basement.

• Do not place vases or any other water-filled containers on this product.
The water may spill onto the product causing fire or electric shock.

• Stand — Do not place the product on an unstable cart, stand, tripod or table. Doing so can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.

• When relocating the product placed on a cart, it must be moved with utmost care. Sudden stops, excessive force and uneven floor surface can cause the product to fall from the cart.

• Ventilation — The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.

• The LCD panel used in this product is made of glass. Therefore, it can break when the product is struck forcefully or with a sharp object. If the LCD panel is broken, be careful not to be injured by broken glass.

• Heat sources — Keep the product away from heat sources such as radiators, heaters, stoves and other heat-generating products (including amplifiers).

• To prevent fire, never place any type of candle or naked flames on the top or near the TV set.

• To prevent fire or shock hazard, do not place the AC power cord under the TV set or other heavy items.

• Do not place heavy objects on this product or stand on it. Doing so could cause injury if the product overturns. Take special care near children and pets.

• The LCD panel is a very high technology product with 1,049,088 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.

• Do not forcibly or accidentally pull both the power cord and DC cable connected to the AC adaptor. Both cables might get stretched, broken, loosed or tensed. Such conditions may cause a fire break out or an electric shock.

Trademarks

• The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

• LCフォント、LCFONT、エルシーフォント and LC logo mark are registered trademarks of SHARP Corporation. This product is embedded with LC Font technology, which was developed by SHARP Corporation for clearly displaying easy-to-read characters on an LCD screen. However, other non-LCD fonts are used for displaying some screen pages.

Contents

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EN - 2

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)
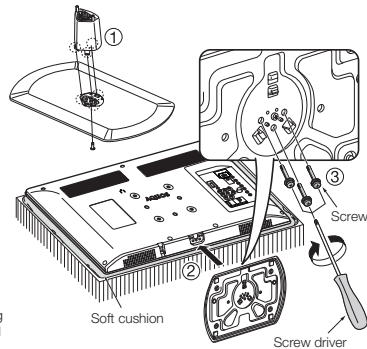(used in step 1 and 3)

2 Insert and hook post into stand base slot holes. (①)
Fix the post using short screw.

3 Insert the stand base to the stand post on the bottom of the TV. (②)

**4** Insert and tighten the 3 screws into the 3 holes on the bottom of the stand base. (③)

NOTE
• To detach the stand, perform the steps in reverse order.
• Do not attach or detach the stand without holding it. Doing so can cause the stand to fall, resulting in serious personal injuries as well as damage to the stand.

Soft cushion

Screw

Screw driver

Antenna connection

Connect antenna cable to the antenna terminal

or

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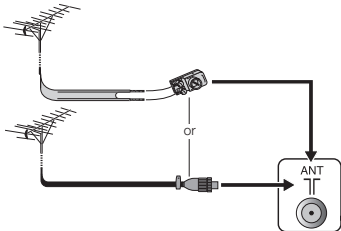
If your outdoor antenna uses a 75-ohm coaxial cable with a standard DIN45325 plug (IEC 169-2), plug it into the antenna jack at the rear of the set.

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.

EN - **3**

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.
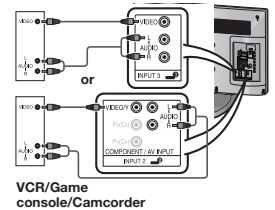
Connecting a VCR, game console or camcorder

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

When using component cable (commercially available)

VCR/Game console/Camcorder
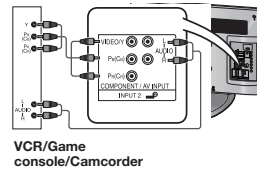
When using composite cable (commercially available)

or

VCR/Game console/Camcorder

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

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

When using HDMI-certified cable (commercially available)

DVD player/
Digital TV STB
(Set Top Box)

When using component cable (commercially available)

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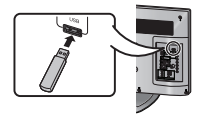TV STB (Set Top Box)
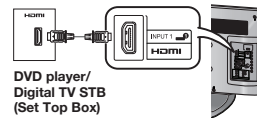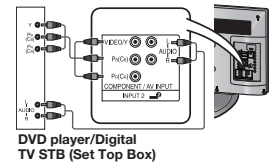
Connecting a PC

You can use the INPUT 1 (HDMI) terminal when connecting to a PC.

PC
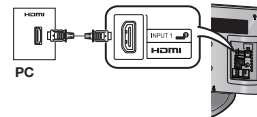
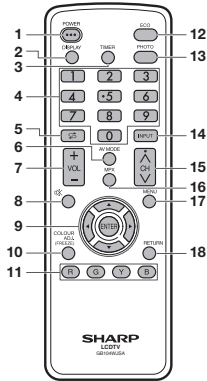### Connecting a USB device

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.

EN - **4**

Remote control unit

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 COLOUR ADJ. (FREEZE)
Freeze a motion picture on the screen and adjust the colour tone of the still image. (See page 12.)

11 Colour (Red/Green/Yellow/Blue)
The coloured buttons are correspondingly used to select the coloured items on the screen.

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

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

14 INPUT (INPUT SOURCE)
Select an input source.

15 CH∧/CH∨
TV input mode: Select the channel.
(**CH∧**) Increase the channel number.
(**CH∨**) Decrease the channel number.

16 MPX
Select the sound multiplex mode.

17 MENU
Display the menu screen.

**18 RETURN**
MENU mode: Return to the previous menu screen.

1 POWER (STANDBY/ON)
To switch the power on and off. (See page 6.)

2 DISPLAY
Display the channel or input information.

3 TIMER
Set the Sleep Timer and Reminder. (See page 12.)

4 0 – 9
Set the channel.

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

6 AV MODE
Select an audio and video setting. (See page 7.)

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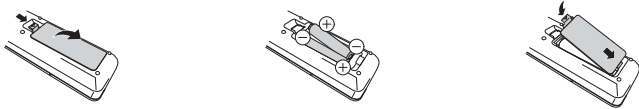
• Place batteries with their terminals corresponding to the (＋) and (－) indications in the battery compartment.

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

EN - **5**

Part names

TV (Front)

Remote control sensor
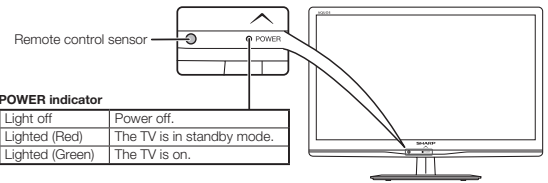
POWER indicator

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

TV (Rear)
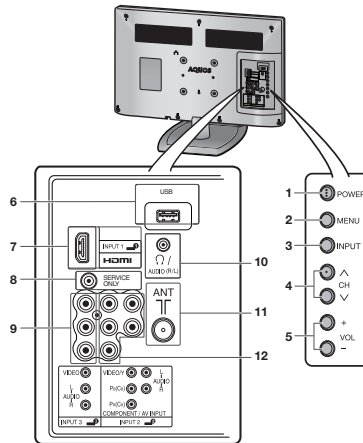
1 POWER (On/Off) button
2 MENU button
3 INPUT button
4 Channel up (∧)/down (∨) buttons
5 Volume up (＋)/down (－) buttons
6 USB terminal*
7 INPUT 1 (HDMI) terminal
8 SERVICE ONLY terminal**
9 INPUT 3 terminals
10 Ω/AUDIO output (R/L) terminal
11 Antenna input terminal
12 INPUT 2 (COMPONENT/AV INPUT) terminals

* USB terminal use for USB media player. (See page 13.)
** Usually do not connect anything to this terminal as it reserved only for service personnel.

• 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 or remote control. (After a few seconds, an image appears with sound.)

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

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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** on the TV.
  • The initial auto installation wizard appears.

2 Press ▲/▼ to select the desired language, and then press **ENTER**.
  You do not need to do anything during the auto search. Press **MENU** to exit.

Selecting a preset AV mode

"AV 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 **AV MODE**.

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

| Selected item	Description
Standard	For a highly defined image in a normally bright room.
Movie	For a movie.
Dynamic	For a clear-cut image emphasising high contrast for sports viewing.
Dynamic (fixed)	Changes the image and sound settings to the factory preset values. No adjustments are allowed.
PC	For PC. (Available only when receiving a PC signal via INPUT 1 (HDMI) terminal.)

> **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.)

Menu operation

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

2 Press ◄/► to select the desired menu. (Programme setup, Picture, Audio, ECO, Setup, Option)

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.

Programme setup
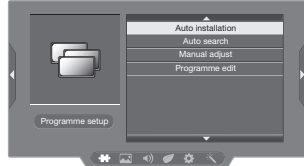
■ Auto installation
You can run auto installation again, even after setting up the preset channels.

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

2 Press ◄/► to select " " (Programme setup).

3 Press ▲/▼ to select "Auto installation", and then press **ENTER**.
  If you have already set the password, enter it here.
  • See page 10 for setting a password.

4 Press ▲/▼ to select the desired language listed on the screen, and then press **ENTER**.
  You do not need to do anything during the auto search. Press **MENU** to exit.

TV channel settings

You can reconfigure the TV channel settings automatically or manually using **Auto search**, **Manual adjust** or **Programme edit**.

■ Auto search
Use this menu to add new services automatically after "Auto installation" has been completed.
Auto search will memorise channels available at that time.

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

2 Press ▲/▼ to select "Auto search", and then press **ENTER**.
  If you have already set the password, enter it here.
  • See page 10 for setting a password.
  You do not need to do anything during the auto search. Press **MENU** to exit.

Programme setup (Continued)

■ Manual adjust
You can set some channel items manually.

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

2 Press ▲/▼ to select "Manual adjust", and then press **ENTER**.
  If you have already set the password, enter it here.
  • See page 10 for setting a password.

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

CH (Channel)
Display channel that you selected.

Colour system
Select the optimum colour system to receive. (Auto, PAL, SECAM, NTSC 4.43, NTSC 3.58)

Sound system (Broadcasting system)
Select the optimum sound system (Broadcasting system) to receive. (BG, I, DK, M)

Search
The next channel will be searched in order.

Fine-tune
You can adjust the frequency to your desired position.

> **NOTE**
> • Adjust while checking the background picture as a reference.
> • Instead of pressing ◄/► to adjust the frequency, you can set by directly entering the frequency number of the channel with **0 — 9**.

> **EXAMPLE**
> • 179.25 MHz: Press **1 → 7 → 9 → 2 → 5**.
> • 49.25 MHz: Press **4 → 9 → 2 → 5 → ENTER**.

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

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

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

3 Press ▲/▼ to select the channel you want to edit.

4 Press **ENTER** again to edit below items.

CH (Channel)
Display channel number.

Label
To enter the name of the channel. Maximum 7 alphanumeric can be input.
• Press ▲/▼: To select a desired alphanumeric.

  → [ ] ↔ A ← ··· → Z ↔ (↔) ↔ * ↔ + ↔ '
  ↳ → 9 ← ··· → 0 ↔ : ↔ / ↔ · ↔ – ←

• Press ◄/►: To move to the desired alphanumeric position.
• To exit, press **ENTER**.
• If the wrong alphanumeric is entered, select [ ] to clear.

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

Sort
Channel position can be sorted freely.

Picture menu
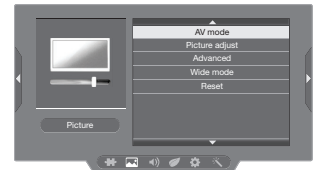
■ Picture adjust
Adjusts the picture to your preference with the following picture settings.

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 adjust" cannot be changed during "Dynamic (fixed)" mode.

▣ Picture menu (Continued)

■ Advanced
This TV provides advanced function for optimising the picture quality.

DNR (Digital Noise Reduction)
Reduces noise on screen and produces a clearer video image. (Off, Low, Middle, High)

■ 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
Full	For 16:9 squeeze pictures.
4:3/Normal	For 4:3 "standard" pictures. A side bar appears on each side.
Panorama	In this mode the picture is progressively stretched toward each side of the screen.
Dot by Dot	Display an image with the same number of pixels on the screen (only when receiving 1080i / 1080p signal).

✎ **NOTE**
• Some picture sizes may not be displayable depending on the input signal.
• "Normal" can be selected only during USB Media Player.
• For resetting all "Picture menu" items to factory preset values, press ▲/▼ to select "Reset", press **ENTER**, press ▲/▼ to select "Yes", and then press **ENTER**.

◀)) Audio menu

■ MPX

Selected item	Description
Auto	The TV automatically select the best sound.
MONO	Only MONO sound.

■ Billingual
Select the preference audio language (DUAL I, DUAL II)

■ Sound adjust

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

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

■ Bass enhancer powered by SRS Labs, Inc.
This function allows you to enjoy bass-enhanced sound.

Selected item	Description
On	Bass enhancer function is on.
Off	Outputs the normal sound.

✎ **NOTE**
• Billingual only can be select when MPX set to "Auto".
• For resetting all "Audio menu" items to the factory preset values, press ▲/▼ to select "Reset", press **ENTER**, press ▲/▼ to select "Yes", and then press **ENTER**.

🍃 ECO menu

■ 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**
• When a TV programme finishes, and the TV receives signal input, this function may not operate.

⚙ Setup menu
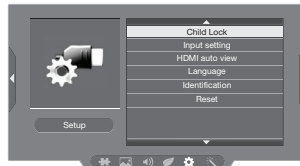
■ Child lock (TV input mode only)
Allows you to use a password to protect certain settings from being accidentally changed.

Lock system
Allow you to lock the whole TV system. (On, Off)

Setting a password

1 Repeat steps 1 and 2 in **Menu operation**.

2 Press ▲/▼ to select "Child lock", and then press **ENTER**.

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

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

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

6 Enter the same 4-digit number as in step 5 to confirm.

Block programme
Allow you to lock certain programme.

■ Input setting
Colour system (AV input mode only)
You can change the colour system to one that is compatible with the image on the screen. (Auto, PAL, SECAM, NTSC 4.43, NTSC 3.58)

✎ **NOTE**
• If "Auto" is selected, colour system 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 a composite signal.

Label
To enter the name of the channel. Maximum 7 alphanumeric can be input.
• Press ▲/▼: To select a desired alphanumeric.

→ [ ] ↔ A ← ⋯ → Z ↔ (↔) ↔ * ↔ + ↔ '
↳ → 9 ← ⋯ → 0 ↔ : ↔ / ↔ · ↔ − ↰

• Press ◀/▶: To move to the desired alphanumeric position.
• To exit, press **ENTER**.
• If the wrong alphanumeric is entered, select [ ] to clear.

■ HDMI auto view (HDMI input mode only)

Selected item	Description
Enable/Disable	Set whether or not to use the Auto Selection of WIDE MODE based on signal recognition received from the HDMI signal.

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

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

■ 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", "Audio" and "Programme setup" will be reset to the factory preset values.

🄴🄽 - **9**

🄴🄽 - **10**

⚒ Option menu

■ Audio output select
You can select which device is used for outputting audio.

Option	Description
Headphone	Output audio through headphones.
Audio out	Output audio through an A/V receiver or surround audio controller.

✎ **NOTE**
- If you select "Headphone" when a cable is inserted in the AUDIO output terminal, the TV speakers are muted and all Audio menu items cannot be adjusted.
- If you select "Audio out", sound via the AUDIO output terminal is not adjustable and constantly outputs.

Regarding the headphone jack
- Use headphones with a stereo mini plug (φ 3.5 mm).
- Be sure to unplug headphones from the jack when they are not in use.

Volume display when headphones are plugged in

✋ CAUTION
- AUDIO output terminal is also used for headphones. Reduce the volume before using headphones. Overwhelming sound may damage your hearing.

■ Input select
For setting the signal type of external equipment.

Input source	Selectable item
INPUT2	Component, Video

■ 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)

■ 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)

■ Software update
Allows you to update to the latest software.

🎨 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.

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	Set adjustment to last user 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 I	Reduces the backlight brightness.
ECO II	Reduces the backlight brightness more than "ECO I".
ECO Off	Normal setting of backlight brightness.

ECO status will be displayed on the channel information window.

🕐 Timer

Press **TIMER** to set the Sleep timer or Reminder for an activity.

■ Sleep timer
This function is conveniently used when, for instance, going to bed while watching TV.
(Off, 0 hr. 30 min., ..., 2 hr. 30 min.)
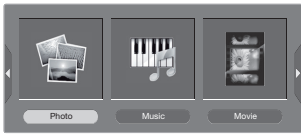
■ ⌛ (Reminder)
This function is to set a reminder for an activity.
Press ▲/▼ or **ENTER** to set.

✎ **NOTE**
- If you turn off the TV, the counter will be reset.

USB Media Player

■ Selecting modes

| Photo | Music | Movie |

1 Press **INPUT** to select the "USB" 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" and "Music".
- Depending on the USB device, the TV may not be able to recognise the contained data.
- 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.

PHOTO slideshow

When you press **PHOTO**, the TV screen will automatically play the photo slideshow.
- If there is no USB drive, the TV will switch to **Selecting modes** screen.
- Photo slideshows 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**.

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

Duration for photos to display
→ 3 seconds → 5 seconds → 10 seconds → 1 minute ┐

Duration for slideshow to play
→ 1 hour → 3 hour → Continuous ┐
- The TV will automatically power off after the selected playtime ends.

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

List of files compatible with USB mode

USB device/File system	USB Memory / FAT/FAT32
Photo file format	BMP, JPEG, PNG, GIF
Music file format (Files may not be playable depending on the bitrate)	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

Video file format		
File extension	Container	Video
*.avi	AVI	XviD H.264 MPEG2
*.mkv	MKV	H.264 MPEG2 MPEG1
*.mp4	MP4	XviD H.264
*.vob	VOB	MPEG2
.mpg/.mpeg	PS	MPEG2 MPEG1
.rm/.rmvb	RM	RM codec
.ts/.trp/*tp	TS	H.264 MPEG2
*.dat	DAT	MPEG2 MPEG1

USB Media Player (Continued)

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.	✓	✓	✓
◁◁	Rewind. Each time you press rewind, 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.	✓	✓	✓
☐	Stop playback and return to the list of files.	✓	✓	✓
⟳	Loop. Each time you press **ENTER**, the mode will switch between Repeat ↔ No repeat.	✓	✓	✓
♫	Play/cancel the background music.	✓	–	–
⊲✕	Mute. Press **ENTER** to toggle between mute and unmute.	–	✓	–
⟳	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.	–	–	✓
▷❘	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.	–	–	✓
⊚	Rotate clockwise 90º.	✓	–	–
⊚	Rotate counterclockwise 90º.	✓	–	–
⊞	Zoom in an image. Select to display larger image size.	✓	–	–
⊟	Zoom out an image. Select to display smaller image size.	✓	–	–
⊞⊙	Select playback length of a slideshow.	✓	–	–
⊞⊙	Select photo display interval.	✓	–	–
⊹	Slide effect.	✓	–	–

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

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.	• Is battery inserted with polarity ($+$, $-$) aligned? (See page 5.) • Is battery worn out? (Replace with new battery.) • 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 9 to 12.)
• 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 pages 8, 10.) • Check the HDMI auto view setting. (See page 10.)
• Power is suddenly turned off.	• The unit's internal temperature has increased. Remove any objects blocking the vent or clean. • Check the ECO setting. (See pages 10.) • Is the sleep timer set? (See page 12.)
• No picture.	• Is the connection to external equipment correct? (See page 4.) • Is the "Picture adjust" correct? (See page 8.) • Is the antenna connected properly? (See page 3.)
• No sound.	• Is the volume too low? (See page 5.)
• The TV sometimes makes a cracking sound.	• This is not a malfunction. This happens when the cabinet slightly expands and contracts according to changes in temperature. This does not affect the TV's performance.

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

Clearing the password

1 Repeat steps 1 to 2 in **Setting a password**. (See page 10.)

2 The password input screen displays.

3 If you enter "3001" using **0 – 9**, the "Child lock" setting menu will be displayed.

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

Specifications

Item		Model LC-24LE155M	
LCD panel			23.5″ (598 mm) TFT LCD
Resolution			1,049,088 pixels (1366 × 768)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43
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			5 W× 2 / 3 × 8 cm 2pcs
Terminals	Antenna input		UHF/VHF 75 Ω DIN type
	INPUT 1		HDMI (HDMI input), PC input
	INPUT 2		VIDEO in, AUDIO in, COMPONENT in
	INPUT 3		VIDEO in, AUDIO in
	USB		USB
	OUTPUT		AUDIO out, 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			36 W (0.8 W Standby)
Dimensions	without stand		561 (W) × 358 (H) × 50 (D) mm
	with stand		561 (W) × 391 (H) × 178 (D) mm
Weight			4.5 kg (without stand) / 5.0 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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