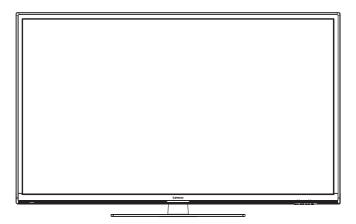
65" Ultra High Definition 4K2K LED TV

Installation & Operating Instructions - Please keep for future reference

Lenco

LED-6501-4K



Important - Please read these instructions fully before installing or operating

These instrucitons contain important information which will help you get the best from your television and ensure safe and correct installation and operation.

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IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions All the safety and operating instructions should be read before this product is
 operated.
- Keep these instructions The safety and operating instructions should be retained for future reference.
- Heed all warnings All warnings on the appliance and in the operating instructions should be adhered to.
- · Follow all instructions All operating and use instructions should be followed.
- Do not use this apparatus near water The appliance should not be used near water or moisture for example, in a wet basement or near a swimming pool.
- · Clean only with dry cloth.
- · Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with
 one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade
 or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an
 electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- · Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in
 any way, such as the power supply cord or plug is damaged, liquid has been spilled, or objects have fallen
 into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally, or
 has been dropped.
- · Please keep the unit in a well-ventilated environment.
- WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or
 moisture. The apparatus should not be exposed to dripping or splashing. Objects filled with liquids,
 such as vases should not be placed on the apparatus.
- WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- WARNING: The wall socket plug is used as disconnect device, the disconnect device shall remain readily operable.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- Warning: To reduce the risk of electric shock, do not remove cover (or back) as there
 are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.



This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health.

Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly.

HDMI: This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

SAFETY INFORMATION

To ensure reliable and safe operation of this equipment, please carefully read all the instructions in this user guide, especially the safety information below.

Electrical Safety

- The TV set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- · Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on any connecting wire, which may damage the wire.
- · Hold the main plug, not the wires, when removing from a socket.
- During a thunderstorm, or when not using the television for extended period of time, turn off the
 power switch on the back of the television.
- Do not allow water or moisture to enter the TV or power adapter. Do NOT use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid is spilled onto the set, if the TV set accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the TV set does not work normally.
- Do not remove the safety covers. There are no user-serviceable parts inside. Trying to service the
 unit yourself is dangerous and may invalidate the product's warranty. Qualified personnel must
 only service this apparatus.
- To avoid a battery leakage, remove batteries from the remote control, when the remote is not use for long period, or when the batteries are exhausted.
- · Do not break open or throw exhausted batteries into a fire.

Physical Safety

- Do not block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do not tap or shake the TV screen, or you may damage the internal circuits. Take good care of the remote control.
- To clean the TV use a soft dry cloth. Do not use solvents or petroleum based fluids.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has
 two blades with one wider than the other. A grounding plug has two blades and a third grounding
 prong. The wide blade, or the third prong is provided for your safety. If the provided plug does not
 fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- · Protect the power cord from being walked on or pinched particularly at plugs.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to a qualified service personnel. Servicing is required if the apparatus does not
 operate normally or if the apparatus, including the power supply cord or plug, has been damaged
 in any way.
- Servicing is also required if liquid has been spilled, or objects have fallen into the apparatus; when the apparatus has been exposed to rain or moisture; or if the apparatus has been dropped.
- · Always connect your television to a power outlet with protective ground connection.

PREPARATION

What is Included TV Set

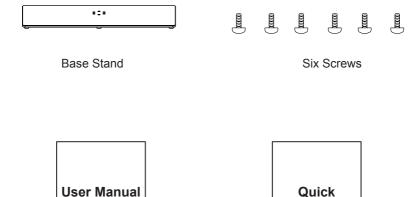
User Manual



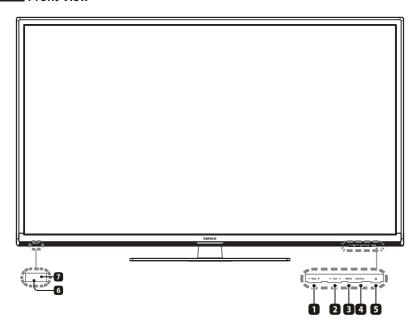
Remote Control with Batteries

Start Guide

Quick Start Guide



Front View



1.VOL +/-

Press to adjust the volume.

2.CH ^/~

Press to select a channel.

3.MENU

Display the OSD (on screen display) menu.

4.SOURCE

Press to select among different input signal sources.

5.POWER

Switch the TV between On/Standby mode.

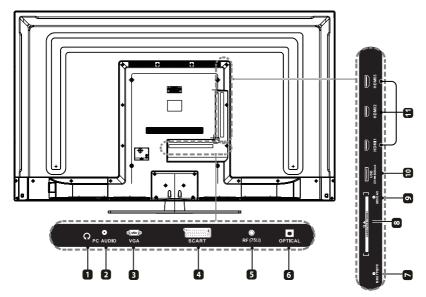
6.POWER Indicator

Illuminates blue when the TV is turned on. Illuminates red when the TV is in standby mode.

7.IR (Infrared Receiver)

Receive IR signals from the remote control.

Rear View



1. Headphone Socket

Connect to the Headphones.

2. PC AUDIO Input

Connect to a computer audio output.

3. VGA Input

Connect to a computer or other devices with a VGA interface.

4. SCART socket

Inputs or outputs for external devices. Connect the SCART cable between the SCART socket on the TV and the SCART socket on the external device (decoder, VCR or DVD player).

5. **RF**(75Ω) Input

Connect to the antenna (75 Ω VHF/UHF) socket with the RF coaxial cable.

6. OPTICAL Digital Audio Output

Connect to the audio socket on the digital audio system.

7. MINI YPBPR

Connect to AV devices with component (Y/Pb/Pr) video and audio output sockets. COMPONENT&VIDEO share with AUDIO IN(L/R).

8. CI Slot

Used to insert a CI card. A CI card allows you to view all the channels that you subscribe to.

9. MINI AV

Connect to the composite VIDEO and AUDIO (L/R) output sockets on external video devices.

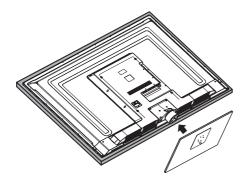
10. USB Port

Connect to a USB storage device to play compatible audio and photo files. (USB mode)

11. HDMI Inputs

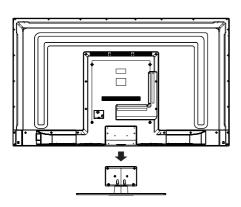
Connect to a High-Definition (HD) signal output device.

Installing the Base Stand



- 1. Lay the TV face-down on a flat, cushioned surface to avoid damaging or scratching.
- 2. Fix the Base Stand to the Base Support using 6pcs provided screws.

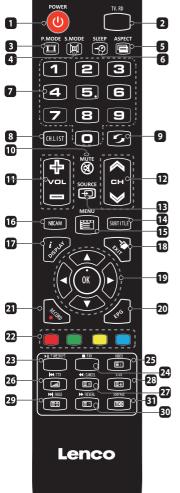
Removing the Stand for Wall-Mounting



- 1. Lay the TV face-down on a flat, cushioned surface to avoid damaging or scratching.
- 2. Untighten the 6pcs screws holding the stand assembly and remove them.
- 3. Attach the wall-mount bracket to the TV using the mounting holes on the back of the TV. Mount this TV according to the instructions included in the wall-mount bracket.

WARNING: This apparatus is intended to be supported by UL Listed wall mount bracket.

■ Remote Control



- 1. 🖰 Switches the TV between on and standby mode.
- 2.TV.RD:Select TV program or Radio program. (DTV mode).
- 3.P.MODE:Select picture mode: Dynamic / Standard / Mild / Use.
- 4.S.MODE:Select sound mode: Standard / Music / Movie / Use.
- 5.ASPECT:Select from the following mode settings: 16:9 / Zoom1 / Zoom2 / Auto / 4:3.
- 6.SLEEP:Set the TV sleep timer.
- 7.0-9 Number Button:Press to select a programme. (ATV / DTV mode)
- 8.CH.LIST:Display channel list. (ATV / DTV mode)
- 9. S:Return to the previous viewing channel.

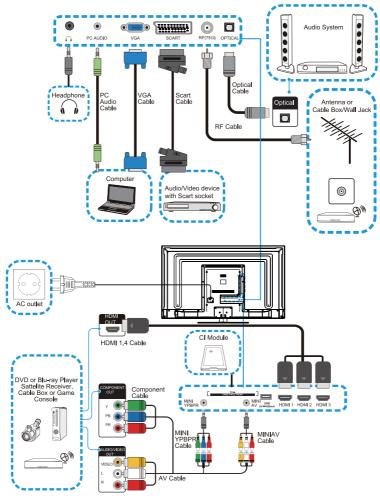
 (ATV / DTV mode)
- 10. **★: MUTE** Mutes and restores your TV sound.
- 11.VOL+/-: Adjust the volume.
- 12.CH ^/ ∨: Select a channel.
- 13.SOURCE: Select among the different input signal sources: DTV / ATV / AV / SCART / YPbPr / HDMI1/HDMI2/HDMI3 / PC / USB .
- 14.SUBTITLE:Display the subtitle which is broadcast with the program. (DTV mode)
- 15.MENU :Display the OSD'on screen display'menu.
- 16.NICAM:Switch between different audio channels (only applicable when the TV programme has this feature).
- 17.**DISPLAY:** Display the present screen information such as the current channel and the input source.
- 18.EXIT: Exit the OSD (On Screen Display) menu.
- 19. ◀ ▲ ▼ ▶: Allows you to navigate the OSD menus and adjust the system settings to your preference.
 OK: Confirm the selection in the OSD menus. Display a list of
 - channels saved in the TV tuner memory.
- EPG:Display the EPG (Electronic Program Guide). (DTV mode)
- 21. Record: Record the current programme. (DTV mode)
- 22. Press the button to select corresponding fuction on the screen.
- Press to start playback or pause.(USB Mode)
 TIMESHIFT:Turn on and off theTimeshift function.(DTV Mode)
- 24. Teress to stop playback.(USB Mode)

 FAV:Display the Favourite Channel list.(ATV/DTV Mode)
- 25. **III :INDEX** Press to select the page number of the INDEX
- from teletext.(ATV/DTV Mode)

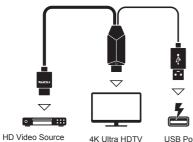
 26. : TTX Turn on and off the teletext function.(ATV/DTV Mode)
- 27. ■X:CANCEL To exit the teletext mode.(ATV/DTV Mode)

 IPress to fast rewind.(USB Mode)
- 28. **SIZE** To enlarge the picture on the TV in teletext. (ATV / DTV mode)
- 29. **国宝:HOLD** Freeze a multi-page passage on the screen in Teletext.(ATV/DTV Mode)
 - Press to skip to the beginning of the next chapter or track.(USB Mode)
- 30. 2 REVEAL Reveal hidden information such as the answer to a guiz in Teletext.(ATV/DTV Mode)
 - >> :Press to advance playback rapidly (USB Mode)
- 31. **SUBPAGE** Displays the subpage on the teletext screen. (ATV / DTV mode)

CONNECTING EXTERNAL DEVICES



U-Vision Cable:



- HD Video Source with HDMI output (cable,DVD,Blu-ray,set-top-box)
- 4K Ultra HDTV with HDMI input
- USB Port on TV

- 1.Designed for use with 4K Ultra HDTVs
- 2.Up-convert Full HD content into high-quality 4K Ultra HD
- 3.Improves picture quality of HD video content
- 4.Perfoms real-time detail enhancement,edge restoration and noise reduction

General Operation

Initial Setup

- Connect one end of the RF coaxial cable (not included) to the aerial socket on the wall and the other end of the cable to the RF (75) socket at the rear right bottom view of your TV.
- Connect the mains cable to the mains socket after you have completed all the connections.
- In standby mode, press the U button on the front right side panel of the TV or the
 U button on the remote control to turn the TV on. The red LED indicator will turn
- The first time you turn the TV on, press the ▲/▼ buttons to select your desired mode setting.



Press the ▲/▼/◀/▶ buttons to navigate the menu and change the settings.



OSD Language	Selects your desired language to be displayed on the menu. The default on-screen menu language is set as English.		
DVB Select Type	Selects the DVB type: DVB-T/DVB-C.		
Country	Selects the country where you will operate the TV. The default country is set as France.		
Tune Type	Selects the tune type: ATV+DTV/DTV/ATV.		
ОК	Press the OK button to start auto tuning. Channel Tuning will commence. This operation may take up to several minutes. The display will show the progress of the tuning and the number of channels found. Channel Tuning TV: 0 Programme(s) DTV: 0 Programme(s) Radio: 0 Programme(s) Data: 0 Programme(s) Sign 134.25 MHz (TV)		

Selecting Input Source



- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control to display the Input Source list.
- Press the ▲/▼ buttons to select the input source that you want: DTV / ATV / AV / SCART / YPBPR / HDMI1 / HDMI2 / HDMI3 / PC/ USB.
- Press the **OK** button to confirm your selection.

Channel Selection

 Press the CH ~/~ buttons on the remote control repeatedly or the 0-9 buttons to select the channel.

Alternative:

Press the **CH.LIST** button to enter the Channel List. Then use the ▲/▼ buttons to highlight and select the channel. Press the **OK** button to view the selected channel.

Display Channel Information

Press the DISPLAY button to view the current information.

Volume Adjustment

- Press the VOL + / buttons on the side panel of the TV or on the remote control
 to adjust the volume.
- If you wish to switch the sound off, press the ⋈ button. Press the ⋈ button again or the **VOL** + buttons to resume audio listening.

CUSTOMIZING TV SETTINGS

Channel Settings

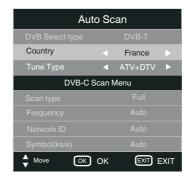


Antenna

- Press the MENU button to display the main menu. Press the ◀/ ▶ buttons to select CHANNEL and then press the OK button.
- Press the ▶ buttons and then press the ▲/▼ buttons to select Air or Cable, then
 press OK.

Auto Scan

Press the ▲/▼ buttons to select Auto Scan and then press the OK button.



- In the Auto Scan menu. Press the ▲/▼/◄/ ▶ buttons to select the country where
 you will operate the TV and the Tune Type: ATV+DTV/DTV/ATV. Press the OK
 button to start auto tuning.
 - (Note: If you select DVB-C in the Installation Guide Menu,you can select the option below:scan type/Frequency/Network Symbolks)
- Channel tuning will commence. This operation may take up to several minutes.
 The display will show the progress of the tuning and the number of channels
 found.



ATV Manual Tuning (ATV Mode)

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select ATV Manual Tuning and then press the OK button.
- The ATV Manual Tuning screen will pop up. Use the ▲/▼ buttons to select the following options and the ◀/▶ buttons to adjust the setting.



Storage To 1	Selects a channel number.
System I	Selects the sound system: I / DK / L / BG.
Current CH 1	Displays the current channel number.
Search	Press the ◀/ ▶ buttons to start the manual tuning.
Fine-Tune	Press the ◄/▶ buttons to make manual fine tuning adjustments.

 After finishing the manual tuning adjustment of a channel, press the RED button to save your channel before tuning the next channel.

DTV Manual Tuning

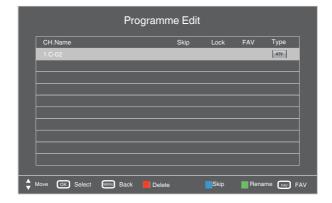
- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select DTV Manual Tuning and then press the OK button.
- In the DTV Manual Tuning menu. Press the ◀/▶ buttons to select the desired UHF channel and then press the OK button to commence the search of that channel. When the signal has been tuned, the picture and signal strength will be displayed on the screen.



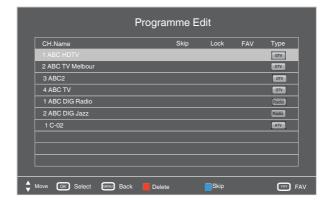
Programme Edit

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select Programme Edit and then press the OK button.
- A Programme Edit screen will pop up. Press the ▲/▼ buttons to select the programme you want to edit.

ATV Mode



DTV Mode



Delete

Press the **RED** button to delete the selected channel.

Skip

Press the **BLUE** button to select the channels that you want to skip when you are selecting channels. Press the **BLUE** button again to undo it.

• Rename (For ATV mode only)

Press the **GREEN** button to rename the selected channel. Press the $\blacktriangle/\blacktriangledown$ buttons to select the characters to represent the station name. Press the $\blacktriangleleft/\blacktriangleright$ buttons to move to the next character and then press the **OK** button again to confirm the new name.

• FAV (Favorite)

Press the **FAV** button to set the selected channel as one of the favorite programmes. Press the **FAV** button again to undo it.

Signal Information (DTV Mode)

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select Signal Information and then press the OK button
 to view the signal information.

CI(Common Interface) Information (DTV Mode)

The common interface allows the use of a Common Access Module to enable you to view scrambled (pay to view) service. These services are provided by TopUp TV and others. The Common Access Module and viewing card can be obtained from the service provider.

Note: Do not repeatedly insert or remove the Common Access Module as this may damage the interface and cause a malfunction.

This feature is not available in all countries.

To insert the Common Access Module

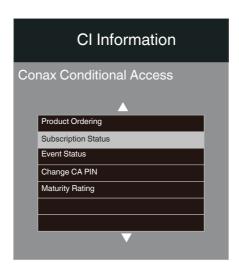
- Before you insert the Common Access Module, ensure that the TV is switched off and the viewing card is inserted in accordance with the Service Provider's Instructions.
- Insert the Common Access Module into the slot. Flip the Common Access Module to another side and try again if you feel resistance.
- · Switch the TV on.

To remove the Common Access Module

- Before you remove the Common Access Module, ensure that the TV is switched off.
- · Pull the Common Access Module from the slot.
- · Switch the TV on.

To view the module information

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select CI Information and then press the OK button.
- A CI Information main menu will pop up. Press the ▲/▼ buttons to select the
 options and then press the OK button to view.



Note: This screen is for illustration only.

Software Update (USB)

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select the Software Update (USB)and then press the OK or ▶ button to update the software.

Record Start (DTV)

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select Record Start and then press the OK button to start record.

Recorded List

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select Recorded List and then press the OK button to view the recorded list.



Delete	Press the RED button to delete the selected programme.
Info.	Press the DISPLAY button to display detailed information
IIIIO.	of the selected programme. (If available)
Coloof	Press the OK or PLAY button to play the selected
Select	programme.
Index	Press the INDEX button to select the category type:
index	Programme / Channel / Time.

Recorded Mode

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select Recorded Mode and then press the OK button.
- A Programme Schedule menu will pop up. Press the ▲/▼/◄/▶ buttons to adjust
 the settings and then press the OK button to save. (See "Timer Programming" for
 details)

Schedule List

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select Schedule List and then press the OK button to view the preset reminders or scheduled recordings in the schedule list.

PVR File System

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL and then press the OK button.
- Press the ▲/▼ buttons to select PVR File System and then press the OK button.
- Press the ▲/▼ buttons to select the following PVR File System options and press
 the OK button.



Select Disk	Select the disk where you want to store your recorded content.		
Check PVR File System	Press the OK button, the system will now check your USB device's suitability for PVR. The system will show "Checking". Upon the completion the system will show either "Success" or "Fail".		
USB Disk	If no USB storage device is connected, it will show "No USB Disk". If the Check PVR File System has a "Success" it will show "Pass".		
Format	Press the OK button, a File System Size menu will pop-up. Press the ◀ / ▶ buttons to select your preferred file type between FAT32 and HiSpeed FS. If you select HiSpeed FS, press the ▼ button and then press the ◀ / ▶ buttons to select your preferred file size. Press the OK button to confirm and then press the button to start formatting. File System Size PVR File System Type ▼ FAT32 ▶ PVR File System Type ▼ ALL SD 208 Mins HD 59 Mins ♣ Move © Select © Back		
Time Shift Size	After formatting the Time Shift Size menu will appear if you have selected HiSpeed FS in PVR File System Type. Press the ◀/▶ buttons to select your preferred file size. Press the OK button to confirm. This option cannot be chosen if you have selected FAT32 in PVR File System Type.		
Speed	This shows you the transfer rate of your USB storage device.		

Picture Settings



- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select PICTURE and then press the OK button.
- Press the ▲/▼ buttons to select the option you want to adjust in **PICTURE** menu.
- Press the ▲/▼/◀/▶ buttons to adjust each option's setting.
- Press the EXIT button to exit the menu.

District Mark	Cycles among picture mode: Standard / Mild / User / Dynamic.
Picture Mode	Alternative: you may press the P.MODE button to select the picture mode directly.
Contrast	Adjusts the difference between light and dark levels in the picture. (For User mode)
Brightness	Increases or decreases the amount of white in the picture. (For User mode)
Color	Controls the color intensity. (For User mode)
Face Color	You can adjust the face color to your preference
Sharpness	Adjusts the level of crispness in the edges between light and dark areas of the picture. (For User mode)
Tint	Adjust the balance between red and green levels.
(For NTSC format)	(Tint is only available for NTSC signal input via the SCART or AV IN.)
Color Temperature	Cycles among color temperature: Medium / Warm / Cool.Adjusts the color components independently to achieve a warm or cool. (For User mode) • Warm: increase red tint • Medium • Cool: increase blue tint
Aspect Ratio	Allows you to watch the screen in various picture formats: 16:9/ Zoom1 / Zoom2 / Just Scan(Only HDMI Mode) / Auto / 4:3.
Noise Reduction	Reduces the noise level of the connected device: Middle/ High/ Off/ Low.
PC Setup	Adjusts the PC desktop content.

Sound Settings



- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select SOUND and then press the OK button.
- Press the ▲/▼ buttons to select the option you want to adjust in SOUND menu.
- Press the ▲/▼/◀/▶ buttons to adjust each option's setting.
- Press the **EXIT** button to exit the menu.

Sound Mode	Allows the selection of an audio-enhancement technique: Standard / Music / Movie / Sports / User. Alternative: you may press the S.MODE button to select the sound mode directly.
Treble	Controls the relative intensity of higher-pitched sounds. (For User mode)
Bass	Controls the relative intensity of lower-pitched sounds. (For User mode)
Balance	Adjusts the relative volume of the speaker in a multiple speaker system.
Auto Volume	Volume levels are automatically controlled (e.g., advertisements tend to be louder than the programmes).
Surround Sound	Selects the surround sound mode: On/Off.
AD Switch (For DTV mode)	 Audio Description is an auxiliary audio function that provides an additional audio track for visually challenged persons. This function handles the Audio Stream for the AD(Audio Description), when it is sent along with the main audio from the broadcaster. set to "Off"for normal broadcasting sound coming out from speakers. set to "On"to activate the description sound track if available.
AD Volume	Set the volume of the description sound track.
SPDIF Mode	Selects the digital audio output mode: PCM/Auto/Off.

Time Settings



- Press the **MENU** button to display the main menu. Press the **◄**/**▶** buttons to select **TIME** and then press the **OK** button.
- Press the ▲/▼ buttons to select the option you want to adjust in TIME menu.
- Press the ▲/▼/◀/ ▶ buttons to adjust each option's setting.
- · Press the EXIT button to exit the menu.

Clock (DTV mode)	The clock is set automatically when receiving a digital signal.
Off Time	The unit will turn off automatically at specified time that you have set.
On Time	The unit will turn on automatically at specified time that you have set.
Sleep Timer	Press the ◀/▶ buttons to select a period of time after which the TV automatically switches to standby mode: Off / 10 / 20 / 30 / 60 / 90 / 120 / 180 / 240 min. Alternative: You may press the SLEEP button repeatedly to select the number of minutes directly.
Auto Sleep	Selects to turn On/Off Auto Sleep function.
No Action Auto Standby	The unit will automatically switch to standby mode 2/3/4/5/6 hours after the last time the remote control was used. If you want to operate the TV for a long period of time, turn off the auto standby function. (default setting:4 hours)
Time Zone (DTV mode)	Selects your desired Time Zone city.
Daylight saving	Selects to turn on/off the Daylight saving function.

Option Settings



- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select OPTION and then press the OK button.
- Press the ▲/▼ buttons to select the option you want to adjust in OPTION menu.
- Press the ▲/▼/◀/ ▶ buttons to adjust each option's setting.
- Press the **EXIT** button to exit the menu.

OSD Language	Allows you to select your desired on-screen menu language.
Audio Languages 1st / 2nd	Allows you to select your desired primary or secondary audio language. (Available for digital channels if multiple audio languages are broadcast.)
Subtitle Language 1st / 2nd	Allows you to select your desired primary or secondary subtitle language. (Available for digital channels if multiple subtitle languages are broadcast.)
OSD Duration	Displays time of the on-screen menu: 5s / 10s / 15s / / 35s / 40s.
Blue Screen	Allow the blue background to turn on/off during weak or no signal conditions.
Back Light	Adjust brighness of the back light
Country	Selects the country where you will operate the TV. The default country is set as Sweden.
HDMI CEC	control DVD through TV remote control
CEC Device Auto Turn Off	"Select ON mode of this option, the CEC devices connect to the TV will also turn off automatically when the TV is off "
TV Auto Power On	Select ON mode of this option, the TV will turn on automatically when the CEC devices are on
Root Menu	The DVD will show it's root menu, when select this option(this option can only be selected in HDMI source)
MEMC	The function control the MEMC of the picture, press the ▶ button to select the MEMC mode: Off/Low/Middle/ High.
Dynamic CR	Dynamic luminance control ON or OFF
Energy Mode	Selects your desired mode setting. Home Mode: Viewing at home. Store Mode: For store demo, the brightness is higher than home mode.
Restore Factory Default	Resets all settings to the factory defaults.

Lock Settings



- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select LOCK and then press the OK button.
- Use the 0-9 buttons to input a 4-digit password to enter the LOCK menu. Enter the default password "0000" for the first time use.
- Press the ▲/▼ buttons to select the option you want to adjust in LOCK menu.
- Press the ▲/▼/◀/▶ buttons to adjust each option's setting.
- · Press the **EXIT** button to exit the menu.

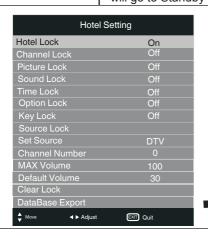
Channel Lock

to on

Enable Locks	The Enable Locks is designed to prevent accidenta returning of the TV / losing channels and preven children watching unsuitable programme. The Enable Locks must be set to On for this functior to operate. If the Enable Locks is set to On, a valid password must be entered when you access Auto Scar / Manual Tuning / Programme Edit / Restore Factory Default.	
Set Password	Use the 0-9 buttons to input the old password and ther input the new 4-digit password. Re-enter new password for confirmation. Note: the default password is "0000".	
Block Program	Block Program is designed to prevent children watching unsuitable programmes. When a channel is blocked, a valid password must be entered.	
Parental Guidanc	This function allows you to set up blocking schemes to block specific channels and ratings. Press the ◀/▶ buttons to select an age rating: Off, 4-18.	
Hotel Setting		
Hotel Lock	Hotel Lock On will cause all the following settings to be enabled. Hotel Lock Off will cause all the following settings to be disabled.	

The CHANNEL in the main meun can't be selected, when set it

Picture Lock	The PICTURE in the main menu can't be selected, when set it to on
Sound Lock	The SOUND in the main menu can't be selected, when set it to on
Time Lock	The TIME in the main menu can't be selected, when set it to on
Option Lock	The OPTION in the main menu can't be selected, when set it to on
Key Lock	The button of the TV will be locked, when set it to on
Source Lock	Setting one of the sources on will be hidden in the Input Source
Set Source	Setting one of the sources will force the TV to always turn to the same station, when the power is first switched on
Channel Number	Use the 0~9 buttons to set a station number, then the TV will turn to this station, when the power is switched on.
Max Volume	Use the ◀/▶ buttons to adjust the max. available volume and press OK to confi rm. (The function serves to regulate the max. available volume in order not to disturb other guests by loud listening. Select according to your preferences. If 100 selected, it means the max volume will not be limited.)
Default Volume	Setting the default volume when the TV is switched on.
Clear Lock	Clear all the setting of the Hotel Mode.
DataBase Export	Export all the hotel setting to the USB and the file's name is "DATABASE.bin", when export the database successfully a menu"Export Success" will show on the screen.
DataBase Import	Import the "DATABASE.bin"in the USB to the TV,and the TV will go to Standby mode,when importing successfully







Using the Features

EPG (Electronic Programme Guide) (DTV Mode)

This system has an Electronic Programme Guide (EPG) to help you navigate through all the possible viewing options.

The EPG supplies information such as programme listings, start and end times for all available services. In addition, detailed information about the programme is often available in the EPG (the availability and amount of programme information will vary, depending on the particular broadcaster).

This function can be used only when the EPG information is broadcast by broadcasting companies.

The EPG displays the programme details for the next 7 days.



Switch On/Off EPG

- Press the EPG button to switch on EPG.
- Press the EPG button or the EXIT button again to switch off EPG and return to normal TV viewing.

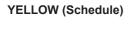
Select a Programme

 Press the ▲/▼ buttons to select the desired channel, press the ▶ button and then press the ▲/▼ buttons to select the desired programme.

Button Functions in a 7 Days Guide

Days Guide		
Function		
Press the I button to view the schedule of the previous day.		
Press the button to view the schedule of the next day.		
Press to display detailed information of the selected programme (if available).		
Press the • RECORD button while on the selected programme to set the scheduled recording. The TV will automatically record the selected programme when it starts. Programme Guide		
16 Jul 04 16 1 03 02 44 55 2 0,455 63 05 3 0,555 63 5 07 4 0,055 67 15 (25) 5 0715 68 (26) 6 0,055 67 15 (25) 0 052 68 4 (26) 0 052 68 4 (26) 0 052 68 4 (26) 0 052 68 4 (26) 0 052 68 5 (25) 1 Move X Remind Mine Day Miles One X Remind Schedule		
Press the GREEN button while on the selected programme to set the reminder. Press the GREEN button again to turn off reminder. The TV will automatically tune to the selected programme when it starts.		
Programme Guide 16 Jul 04:16 1 03:02-04:55 2 04:55-05:55 \$0 3 05:35-04:56 (97) 4 06:55-05:5 (29) 5 07:15-06:05 (28) 6 06:25-02-05-4 (28) 09:54-10-55 (29)		

Press the YELLOW button to view the preset reminders or scheduled recordings in the schedule list. Press the MENU button to return to the EPG.





Teletext (ATV Mode)

Teletext is a free service broadcast by some TV stations which gives up-to-theminute information on news, weather, television programmes, share prices and many other topics. Using the Teletext control buttons you can view pages of information that are listed in the teletext index.

To Turn on Teletext Function



Make sure the TV channel you are watching transmits teletext. "No Teletext" sign will show on the screen if teletext is not available.

In ATV mode, press the **TEXT** button to enter Teletext mode. Press the **INDEX** button to display the index page.Press the **TEXT** button once to exit and the TV will return to the channel you were watching.

To select a page of text

Find the number of the page in the index and enter it using the **0-9** buttons. The number of the page will appear on the top left corner of the screen. The page counter will search for your page. When it finds it, the page will be displayed. To move to the next page of text, press the ▲ button. To move to the previous page, press the ▼ button. To return to the index page, enter the "100" by using the 0-9 buttons or press the ■ INDEX button.

Mix

To view a page of text while watching a TV programme, press the **TEXT** button twice. The text will be superimposed over the TV programme.

Double height text

If you have difficulty reading the text on the TV you can double the height of the text.Press the **SIZE** button. The top half of the page will be displayed in double height text.Press the **SIZE** button again. The bottom half of the page will be displayed in double height text.Press the **SIZE** button again to return to the full page.

Page HOLD

If the page of text you have selected contains subpages, these subpages will automatically be displayed in order with a delay to allow you to have enough time to read the page. To stop the movie to the next sub page, press the $\blacksquare \exists$ HOLD button. To continue moving through the sub pages, press the $\blacksquare \exists$ HOLD button again.

Alternative

Press the SUBPAGE button, and then use the 0-9 buttons to enter a 4-digit page number.

To Reveal Information

Press the REVEAL button to reveal concealed information (quiz answers etc.). Press the REVEAL button again to conceal the information again.

Fasttext

At the bottom of the teletext screen is a row of subject headings in red, green, yellow and blue. The remote control has a row of colour buttons corresponding to the row of coloured subjects on the screen. Pressing one of the colour buttons will take you directly to the page corresponding to the subject heading.

Digital Teletext (DTV Mode)

Digital teletext can access special digital teletext services and specific services which broadcast digital teletext. You will need to turn off **Subtitle Function** before using teletext .

Teletext within Digital Service

- 1. In DTV mode, press the LIST button to display the Channel List.
- 2. Press the **TEXT** button to display the teletext page.
- 3. Press the **0-9** buttons to select a page number.
- 4. Follow the instructions on digital teletext and move onto the next step by pressing OK, ◀ ▲ ▼ ▶, RED, GREEN, YELLOW, BLUE or 0-9 buttons etc.
- 5. To change digital teletext service, select a different service by pressing the **0-9** buttons or the \blacktriangle \blacktriangledown buttons.

Alternative

You may press the **RED** button to the **I TEXT** button to display the teletext information when you see a ● red logo displayed on the screen (e.g. BBC).

6. Press the **TEXT** button to exit.

PVR (Personal Video Recorder)

Time Shift Function (DTV Mode)

This function allows the TV to virtually record the live viewing broadcast programme. Before using Time Shift fuction, please make sure the USB device is inserted.

Notes:

- Time Shift Mode and Recording functions may not work if the signal strength is weak.
- Stop the time-shift function before switching to another input source.
- If the transfer rate of the USB storage device is too slow for recording or time shift function, a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device.

During normal TV viewing, you may press the **TIMESHIFT** button to virtually pause the live viewing broadcast programme if you want to go out for a while (e.g. going to the bathroom / kitchen). " || " will show on the screen and the LED indicator flash red and blue alternately.

When you have returned, press the ▶ button to play the missed broadcast programme. "||"will show on the screen.

Alternative: Press the **TIMESHIFT** button to display the PVR Time Shift progress bar and then press the ◀ / ▶ buttons to select "Play" on the bar. Press the **OK** button to confirm.

The video and sound may have a little bit of delay or be out-of-sync for a few seconds when the unit starts to playback the missed broadcast programme. It will soon switch to normal.



Using the Remote Control

You can shift playback to any point of the virtually recorded programme. The PVR Time Shift progress bar will be displayed on the screen for 5 seconds. Press the **TIMESHIFT** button to display the PVR Time Shift progress bar again.

TIMESHIFT	During playback, press the TIMESHIFT button to display a still screen.		
← / →	 When playing, Press the ◄ button repeatedly to speed up forward x 2 / x 4 / x 8 / x 16. Press the ▶ button repeatedly to speed up backward x 2 / x 4 / x 8 / x 16. During fast forward / fast backward state, press the PLAY button to return to normal playback. 		
─	 Press the ► button to jump about 10% forward. Press the ► button to jump about 10% back. 		
>	During playback, press the ▶ button to display a still screen and then press the ▶ button again to resume playback.		
	If you want to exit the PVR Time Shift and return to the current live broadcast, press the ■ button and then press the ◀ button to confirm.		

■ Recording DTV Programme onto a USB Storage Device

Use this function to record the DTV programme you are watching on the main screen and save it for future viewing.

The recording from timer programme or direct recording may have a little bit of delay when it starts to record the broadcast programme.

Please make sure the USB device is inserted. If not, a warning message will pop up.

- Press the button to record the programme that you are currently watching.
 Note: The recoding progress bar will disappear after 5 seconds. To display the recording progress bar again, press the button.
 The LED indicator will flash red and blue alternately when recording.
- Press the button to stop recording.
 Note: Recording will stop automatically when the disk is full.



Timer Programming

This function is used for scheduled recording.

The recording from timer programme or direct recording may have a little bit delay when it starts to record the broadcast programme.

Please make sure the USB device is inserted. If not, a warning message will pop up.

- Press the MENU button to display the main menu. Press the ◀/▶ buttons to select CHANNEL then press ▲/▼ buttons to select Schedule list and then press Yellow button entering into add programme Schedule.
- Press the ▲/▼ buttons to select Recorded Mode and then press the OK button.
- A Programme Schedule menu will pop up. Press the ▲/▼/◀/▶ buttons to adjust the settings and then press the OK button to save.



Channel	Selects the channel that you wanted to record.
Start Time/ Start Date	Adjusts the start time and start date.
End Time/ End Date	Adjusts the end time and end date.
Repeat	Selects the frequency: Once / Weekly / Every Day.
Mode	Selects the mode: Recorder / Reminder.

- After finishing all the adjustment, press the **OK** button to confirm your settings. A
 Timer Save Success/Reminder was saved Successfully screen will display.
- The Schedule List will then be displayed with your preset recorders and reminders shown.



- · Press the EXIT button to exit EPG.
 - Notes: When the preset time is reached, the TV will start recording automatically.
 - If a programme recording starts when the TV is in standby mode, the LED indicator will flash red and blue alternately.

Play Recorded Programme

You can play a recorded programme from the recorded list or from a USB Storage Device.

- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control then press the ▲/▼ buttons to select the USB mode and then press the OK button.
- Press the ◀/ ▶ buttons to select MOVIE.



- Press the ▲/▼ buttons to select your storage device and then press the OK button.
- Press the ▲/▼/◀/▶ buttons to select the "_MSTPVR" folder and then press the OK button.



 Press the ▲/▼/◀/▶ buttons to select the recorded programme, a preview window will pop up.



- Press the ▶ button to view the movie in full screen.
- Press the OK button or the DISPLAY button to display the function bar. Press the
 | / | buttons and then press the OK button to select the function: Repeat / Set
 A / Playlist /Info. / Slow / Step / Goto Time / Zoom In / Zoom Out / Aspect Ratio / Move View.



• Press the **EXIT** button to return to the previous menu.

Entertainment

Connecting a USB Storage Device

- Connect your USB storage device to the USB port of your TV.
- Press the 0 button on the front right side panel of the TV or the 0 button on the remote control to turn on your TV and your USB storage device.
- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control to display the Source List. Use the ▲/▼ buttons to select USB and then press the OK button to confirm.

Note:

- Some versions of portable hard disk may require more power than the TV USB socket can provide. To ensure correct operation please use power adapter for that device.
- If a USB hub is used make sure its mains adapter is connected to the mains supply as the total current consumption exceed 500mA.
- The maximum supported storage space of the hard disk is 1 TB.
- · The file system only support FAT32 format.
- If you want to store the video streaming of a DTV programme, the transfer rate of the USB storage device must not be less than 5MB/s, otherwise the picture and sound of the programme will be affected and a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device.
- The TV screen will be blank temporarily as it will take time to start up and stabilize
 the connected hard disk. This is normal and the starting time may vary depending
 on the brand and the memory size of the connected hard disk.
- Disconnect the USB storage device if it is not in use.

Viewing Photos

- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control then press the ▲/▼ buttons to select the USB mode and then press the OK button.
- Press the ◀/▶ buttons to select PHOTO.



- Press the ▲/▼ buttons to select your storage device and then press the OK button.
- Press the ▲/▼/◄/▶ buttons to navigate in the picture folder and then press the OK button.
- Press the ▲/▼/◄/▶ buttons to select the specified picture, a preview window will pop up.



Note: File format supported: JPG.

- Press the ▶ button to view the picture in full screen.
- Press the OK button or the DISPLAY button to display the function bar. Press the

 ■/▶ buttons and then press the OK button to select the function: Repeat / Music
 / Playlist / Info. / Rotate Clockwise / Rotate Anticlockwise / Zoom In / Zoom Out /
 Move View.



Note: If this folder also contains music files, you can select a music track to play at the same time you view your photos.

• Press the **EXIT** button to return to the previous menu.

Listening to Music

- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control then press the ▲/▼ buttons to select the USB mode and then press the OK button.
- Press the ◀/ ▶ buttons to select MUSIC.



- Press the ▲/▼ buttons to select your storage device and then press the OK button.
- Press the ▲/▼/◀/▶ buttons to navigate in the music folder and then press the OK button.
- Press the ▲/▼/◀/▶ buttons to select the specified music, a preview window will pop up.



Note: Some audio file formats will not be supported. Supported File format: MP3

- Press the ▶ button to play the music in full screen.
- Press the OK button or the DISPLAY button to display the function bar. Press the

 ⊲ / ▶ buttons and then press the OK button to select the function: Pause/FB/FF/
 Prev./Next/Stop/Repeat ALL/Playlist/Goto Time.
- Press the **EXIT** button to return to the previous menu.



Viewing Movies

- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control then press the ▲/▼ buttons to select the USB mode and then press the OK button.
- Press the ◀ / ▶ buttons to select MOVIE.



- Press the ▲/▼ buttons to select your storage device and then press the OK button.
- Press the ▲/▼/◀/▶ buttons to navigate in the movie folder and then press the OK button.
- Press the ▲/▼/◄/▶ buttons to select the specified movie, a preview window will pop up.



Note: Some video file formats will not be supported. Supported File format: MPEG 1/2/4.

- Press the ▶ button to view the movie in full screen.
- Press the OK button or the DISPLAY button to display the function bar. Press the

 ⊲ / ▶ buttons and then press the OK button to select the function: Repeat / Set
 A / Playlist / Info. / Slow / Step / Goto Time / Zoom In / Zoom Out / Aspect Ratio /
 Move View.
- · Press the EXIT button to return to the previous menu.



My Text

- Press the SOURCE button on the front right side panel of the TV or the SOURCE button on the remote control then press the ▲/▼ buttons to select the USB mode and then press the OK button.
- Press the ◀/▶ buttons to select TEXT.



- Press the ▲/▼ buttons to select your storage device and then press the OK button.
- Press the ▲/▼/◀/▶ buttons to navigate in the text folder and then press the OK button
- Press the ▲/▼/◄/▶ buttons to select the specified text file, a preview window will pop up.



- Press the ▶ button to view the text in full screen.
- Press the OK button or the DISPLAY button to display the function bar. Press the

 ⊲ / ▶ buttons and then press the OK button to select the function: Prev. page /
 Next page / Prev. / Next / Stop / Music / Playlist / Info.

Note: If this folder also contains music files, you can select a music track to play at the same time you view your texts.



Press the EXIT button to return to the previous menu.

SPECIFICATIONS

Panel Size	65 inch diagonally
Display Type	LED
Panel Technology	TFT
Panel 60 Hz Vs. 120 Hz	120 Hz
Display Resolution	3840 x 2160
Panel Resolution	3840 x 2160
Aspect Ratio	16:9
Dynamic Contrast Ratio-Panel	3200:1
Brightness (Centre Typ.) Cd/M²	200
Dimensions DxLxH (with foot)	377.7 x 1494.5 x 941.1 mm
Weight (with foot)	33.6 kg
Weight (without foot)	27.6 kg
Dimensions DxLxH (without foot)	101.2 x 1494.5 x 884.5 mm
Response Time (G To G)	5.5 ms
Lamp Life (Typ. Hours)	30.000 hours
Horizontal Viewing Angle (At CR>10)	176
Vertical Viewing Angle (At CR>10)	176
Wall-mount(LxW-inches)	15.75*15.75 VESA(inches)
TV Broadcasting	PAL, B/G, D/K, I, SECAM, L/L'
Receiving Channels	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND
Number of Preset Channels	299
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	AC 100-240V~ 50/60Hz
Energy Consumption Data	EELA
On Mode Power Consumption (W)	150W
Standby Mode (W)	<0.5W
Maximum Power (W)	230W
Standby Mode	After 4 Hours



Products with the CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.

The declaration of conformity may be consulted at http://www.lenco.eu/supportfiles/CE/KBFkehbhte292.pdf

Service and support

For information: www.lenco.com

For support: http://lencosupport.zendesk.com

Lenco helpdesk:

Germany 0900-1520530 (Local charges)

The Netherlands 0900-23553626 (Local charges + 1ct p/min)

Belgium 02-6200115 (Local charges) France 03-81484280 (Local charges)

The helpdesk is accessible from Monday till Friday from 9 AM till 6 PM.

When contacting Lenco, you will always be asked for the model and serial number of your product. The serial number can be found on the back of the device. Please write down the serial number below:

Model: LED-3901-4K	
Serial number:	

Lenco offers service and warranty in accordance to European law, which means that in case of repairs (both during and after the warranty period) you should contact your local dealer.

Important note: It is not possible to send products that need repairs to Lenco directly.

Important note: If this unit is opened or accessed by a non-official service center in any way, the warranty expires.

This device is not suitable for professional use. In case of professional use, all warranty obligations of the manufacturer will be voided.

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