LIGHTWAVE

INSTRUCTION MANUAL

MODEL NO.:LW-ATV43

IMPORTANT
Please read this manual carefully before installing and operating the TV.
Keep this manual handy for further reference

www.lightwaveglobal.com

Safety Information

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Caution: To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product enclosure that may be of sufficient magnitude to constute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the TV.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE WITH THE FCC RULES COULD AVOID THE USERS AUTHORITY TO OPERATE THIS EQUIPMENT.

Safety Warning

Before operating the unit, please read through this manual.

PLACEMENT
- Do not place the unit on an unstable cart, stand, tripod, bracket, table, or shelf.
- Do not expose the unit to direct sunlight and other sources of heat.
- Do not handle liquids near or on the unit.
- Never spill liquid of any kind into the unit
- Do not put the unit near appliances that create magnetic fields.
- Do not put heavy objects on top of the unit.

TEMPERATURE
- Do not place the unit near or over a radiator or a heater register.
- If your unit is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely.

HUMIDITY
- Do not expose machine in rain, damp or place near water.
- Ensure the indoor drying, cool.

VENTILATION
- Keep the ventilation openings clear.

WARNING(Only applicable to models over 7kg)
Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

Important Safety Precautions

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) 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 type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety, If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at Plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments /accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used caution when moving the cart/apparatus combination to avoid injury tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

Caution:
14) To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
15) The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
16) The socket-out shall be installed near the equipment and shall be easily accessible.
17) This product should never be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacture's instructions have been adhered to.
18) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.
19) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
20) Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
21) Never place the TV, remote control or batteries near naked flames or other heat sources, including direct sunlight. To prevent the spread of fire, keep candles or other flames away from the TV, remote control and batteries at all times.
22) The USB terminal should be loaded with 0.5 A under normal operation.

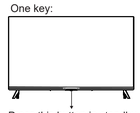
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions. unless you are qualified to do so.

23) The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
24) 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
25) The maximum using environment temperature is 45 degrees.
The Maximum using altitude is 2000 meters

TV Buttons And Terminal Interface

TV Buttons
Note: The following is only functional schematic, And the actual position and arrangement of different models may be different.

One key:



Press this button in standby mode to turn on / off the TV.

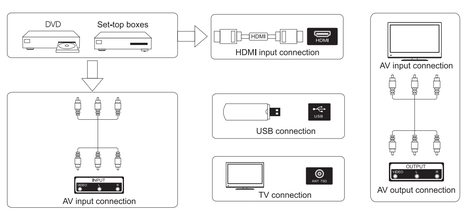
Seven keys:

⏻	Turn ON/OFF Power.
SOURCE /	External Signal Input Selection.
MENU / OK	Display Main MENU And Confirm MENU Item Selection.
CH+/-	Selecting Channel.
VOL+/-	Adjusting Volume.

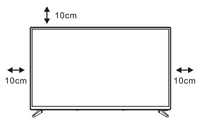
External device connection diagram

Terminal Interface
Note: The following are the various terminal interface, the actual position and arrangement, the number of different models may be different.

INPUT VIDEO	AV input External AV Signal Input And Relevant Right/Left Sound Channel	EARPHONE	EARPHONE output When earphones are plugged in, speakers are disabled
COAXIAL	**COAXIAL** Connect the SPDIF receiver.	USB	USB input Connect a USB device here to play its media files or to recordprograms via the PVR function.
ANT 75Ω	ANT 75 Connect the antennal/cadle tv input (75/VHF/UHF)	HDMI	HDMI input Digital signal input from HDMI video connector.



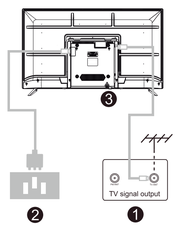
Install And Connect TV



Set your TV
To put your TV in a firm place which can bear the weight of the TV.
To avoid danger, please don't expose the TV near water or heating place (such as light, candle, heating machine),do not block the ventilation at the back of TV.

Connect antenna and power
1.Connect the antenna cable to the antenna socket on the back of the TV.
2.To plug the power cord of TV.
*The attached power cord is for this model only

Turn on TV
3.Connect the power supply, enter the standby mode (red light), press the power button of the TV or the power button on the remote control to turn on the TV.

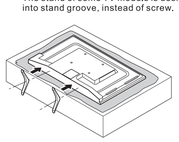


TV Stand Installation Instructions

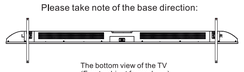
Stand Installation Guide

The TV is packaged with the TV stand separated from the cabinet. To setup the TV table stand, please carry out the installation according to the instructions below.

1. The panel can be scratched easily, so please:
   Place a soft cloth on the table and place the TV face down on the cloth.
   Note: Always unplug the AC cord first when installing/removing the stand.
2. Take the base. Please align the screw holes of the base and the TV, and then insert the screws into the holes on the base and tighten them.
   Note: To ensure that the TV is stable, please lock all screws.
   The stand of some TV models is designed with snap-in type, easily installed by snapping into stand groove, instead of screw.



Please take note of the base direction:



The bottom view of the TV
(Front cabinet faces down)

(The illustration is for reference only, Please prevail in kind)

Remote Controller

Descriptions of television remote control

1.POWER: Turn on the TV or enter standby mode.
2.MUTE: Turn off the sound and turn on when press again.
3.0-9: Figures "0-9" are used to directly input channel number.
4. -/--: Press this button to enter a program number for different digit. eg. -/ - - / ---
5. Press this button to toggle between the current and the previous programme you were you were viewing
6.S.MODE: Select the different sound mode directly.
7.SLEEP: Set the sleep time.
8.MTS: Press to select the MTS mode.(for example,Nicam ,BTSC,MONO,STEREO .eg)
9.P.MODE: Select the different picture mode directly.
10.MENU: Start system menu and return to upper menu.
11.SOURCE: Input source conversion button.
12. ▲▼ ◀▶ Press ▼▲ button to select items.Press ◀▶ button to adjust it.
13.ENTER: To confirm the choice with the highlighted menu item.
14.EXIT: Press to exit the OSD menu.
15.DISPLAY: Display the system state information
16.VOL+: Increase the volume.
17.ROOT: When playing the photo or VIDEO, if you press ROOT, then it will stop playing and return to the current catalogue,in USB mode.
18.VOL-: Decrease the volume.
19.FR: Press to fast reverse in the USB mode.
FAV: Press to add or remove your favorite channels under TV menu
20.PLAY/PAUSE: Press to PLAY/PAUSE in the USB mode.start recording and PAUSE ,in USB mode.
CANCEL: When a page is selected in the mode of text, it may take some time before it becomes available, pressing the CANCEL key will return to the TV mode. When the required page is found ,the page number will appear at the top of the TV picture, press the CANCEL key to return to the mode of text for you to browse this page.
21.PREV: Press to skip the backward in the USB mode.
FAV+: Press to switch your favorite channels under TV menu
22.STOP: Press to STOP in the USB mode.
INDEX: Request the Index page in Teletext mode.
23.GREEN/RED/YELLOW/CYAN:
Teletex switch of the analog parts Under the menu corresponding to the TV, press the button according to the color display to enter
RED:Exchange GREEN:Insert YELLOW:Copy BLUE:Delete
24.CH+: Increase the program.
25.REPEAT: Repeat
26.CH-: Decrease the program.
27.FF: Press to fast forward in the USB mode.
FAV-: Press to switch your favorite channels under TV menu
28.SUBPAGE: Press to access sub page.
29.NEXT: Press to skip the forward in the storage mode. **FREEZE**: Image still
30.GOTO: Skip
31.REVEAL: Reveal or Hide the hidden words.
32.SIZE: Change the size of display in Teletext mode.
33.HOLD: HOLD On or Off for current page display .
34.ASPECT: Aspect function.
35.TEXT :Switch On or Off the TELETEXT mode.
36.MIX: TV and TXT pictures are mixed together (transparent background)

*Availability ofapplications may vary in different countries

Battery Installation:
Remove the battery compartment lid on the rear of the remote control by sliding the lid down, then off. Put two batteries inside the battery compartment with their + and - ends aligned as indicated. Do not mix old and new batteries or different types of batteries Refix the battery compartment lid. Slide the lid until you hear it click into place.

CAUTION: Batteries installed in the unit should not be exposed to excessive heat such as sunshine, fire and the like.

Help

No power	● Check if the AC cord of TV is plugged in or not. If there's still no power, please disconnect the plug, and reconnect to the socket after 60 seconds. Turn the power back on.
Signal not received properly	● Double or phantom images may appear on your TV if there are high buildings or mountains close to where you are. You can adjust the image thru manual operation: consult instruction of vernier regulation, or adjust the direction of the external antenna. ● If you use an indoor antenna, under certain circumstances signal reception may be more difficult. Adjust the direction of the antenna for optimum reception. If this does not improve reception, you may have to switch to an external antenna.
No picture	● Check if the antenna at the back of the TV is connected properly. ● View other channels to see if the problem still occurs.
Video appears with no audio	● Try increasing the volume. ● Check if the TV's sound is on mute or not.
Audio is present, but video does not appear or is discolored	● Try adjusting the contrast and brightness.
Static noise affects video and audio quality	● Check if the antenna at the back of the TV is connected properly.
Broken lines on screen	● Electrical appliances such as hair dryers or vacuums etc. may be interfering with your TV set. Switch these appliances off.
Remote doesn't work	● Make sure the plastic bag which came with the remote control is removed. Try using the remote in a shorter distance from the TV. Check if the placement of the batteries is correct, or try using new batteries with the remote control. ● The TV will go into Standby mode if it receives no response in a few minutes.
No video (PC mode)	● Please check if the cable is connected to the HDMI port correctly, or if the cable is bent in some places.
Vertical line blinking (PC Mode)	● Enter the main menu, and adjust the vertical placement to eliminate the vertical line.
Horizontal tearing (PC Mode)	● Adjust the horizontal placement of the screen to clear any horizontal lines.
Screen is too bright or dark (PC Mode)	● Adjust the brightness or contrast in the main menu.
No response from the PC	● Check if the PC's display resolution is set to a compatible resolution for the TV.
Lines appearing when a device is connected to the RCA port	● Make sure you are using a cable of good quality.
Problems are unresolved	● Unplug the power cable and wait for 30 seconds, then reconnect to the socket. If problems still persist, do not attempt to repair the TV by yourself. Kindly contact the service center.

Do not leave your TV displaying a static image, whether it is from a paused video, menu screen, etc. for an extended period of time, doing so will damage the display and may cause image burn-in.

Specifications

Screen Size	power Consumption	Main accessories
32"	32W/56W	User's manual x1 Remote controller x1 Power cord x1 Batteries x2 (Optional)
39"/40"	70W/76W	
42"	65W/67W/70W	
43"	70W/80W	
50"	100W/108W/135W	
55"	110W/135W/140W/160W	
58"	135W/160W	
65"	159W/165W/195W	
75"	220W/240W/250W	

★ LIFE TIME : 60,000 Hrs

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5.Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
6.Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

Wall-mounted screw:22-24inch M4, 28-70inch M6, 75inch M8
Note:don't hang at an angle to avoid the risk of falling off.

This user manual for reference only.