

The advertisement features a large, dark Hisense LASER TV in the foreground, projecting a vibrant scene of an astronaut floating in space with the Earth in the background. The astronaut is holding a bright light, which illuminates the scene. The TV is set in a modern, minimalist room with a wooden floor and a dark armchair. The overall atmosphere is futuristic and immersive.

Hisense

Model 100L8D

LASER TV

EMBRACE THE LIGHT

Quick Start Guide

Before using the TV, please read this guide carefully and keep it for future reference.

Disclaimer: This Quick Start Guide is intended as a general guideline to help you set up your TV. Images throughout this document are for illustrative purposes only and may differ from the actual product.

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Congratulations on the purchase of your new TV! This Quick Start Guide will walk you through a few easy steps to set up your TV.

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For detailed instructions, refer to the User Manual included in this package.

Register Your TV!

Because we value your business, we want to keep you in the know of 'all things Hisense'. Using your mobile phone, scan the Registration page QR code to register your TV. Depending on the make and model of your phone, you may need to download a QR code scanning app.

U.S.



<http://www.hisense-usa.com/support/register>

Mexico



<http://www.hisense.com.mx/support/productReg.asp>

Canada



<http://www.hisense-canada.com/support/productReg.asp>

Important Safety Information

SAFETY WARNINGS

Do not look directly at the lens when this device is on because the laser light may damage your eyes!

- This product comes with a laser module. Do not tear or modify this device in any manner; otherwise, it may result in personal injury.

Peak Power < 66.7mW

Wavelength 450-460nm

Angle of Divergence 49°

Class 2 Laser Product IEC 60825-1: 2007

Caution—use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This Device Complies with DHHS Radiation Rules, 21CFR Chapter 1, Subchapter J.

- If this device requires a repair, please wear laser eye protection with an optical density OD that is 4 or higher and has a wave length of 440-460 nm.
- Do not place any water-containing vessel on this device, such as cosmetics or liquid medicine.
- If any object or water enters this device, please unplug this device and contact the service staff of Hisense.
- Do not place any exposed fire source (e.g. burning candle) on this device. Keep away from high temperature and heat.
- Do not expose the battery to overheat like sunshine or fire, otherwise it may explode.
- Keep air vents on both sides unobstructed to avoid overheat inside this device.
- To avoid a short circuit, product damage or electric shock, do not use any sharp object or metal to touch the ports or other openings on the TV.
- If this device has been in a warm environment, allow any built-up condensation to evaporate first BEFORE you switch the device on.
- Do not allow a child to stand on or climb up this device.

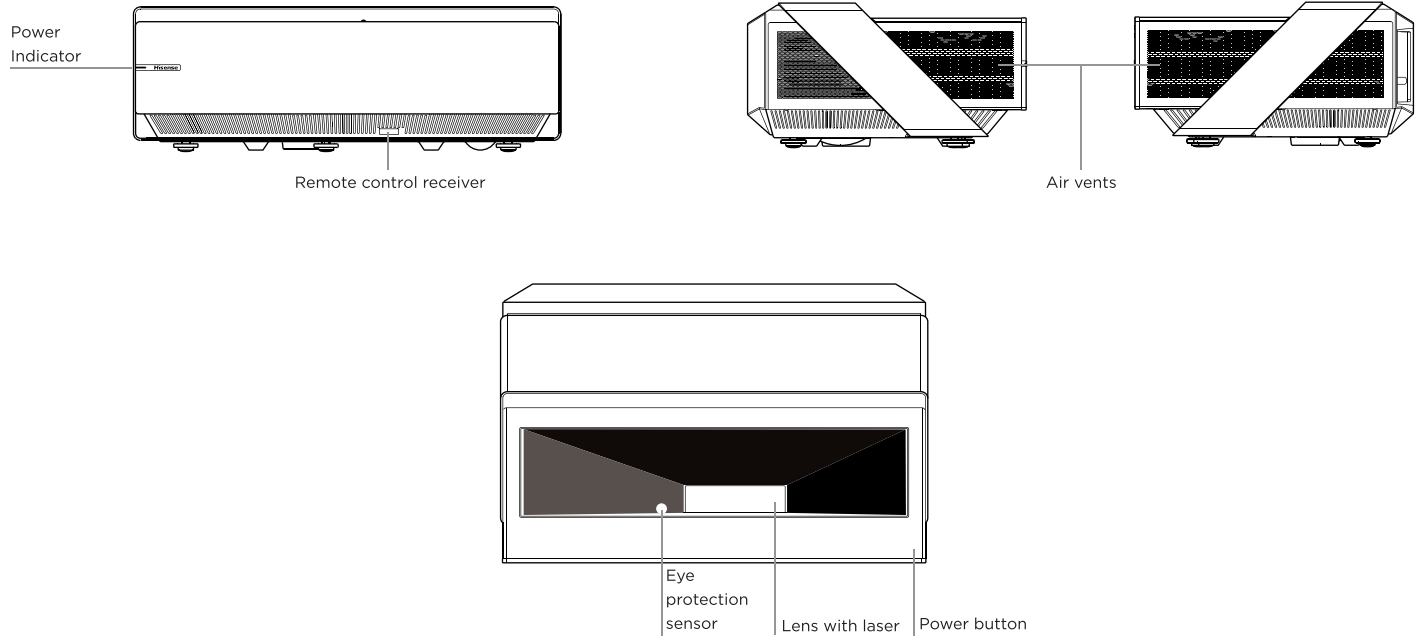
Packaged Contents

- A Laser TV with lens cover
- Remote control
- Two AAA batteries
- Two pairs of gloves for handling the TV
- Power cord
- Wrench to adjust the bottom of the TV
- One USB extension cable
- Laser TV Quick Start Guide
- Laser TV wall mount paper template
- Laser TV User Manual
- Important Safety Information & Warranty Card
- Cleaning kit for the lens

ADDITIONAL ITEMS THAT COME WITH THE TV IN A SEPARATE PACKAGE

- A 100" Laser TV screen with guide
- One subwoofer with manual
- Two wall-mount brackets with four screws (M4, 3 1/8 inches long) to mount the Laser TV screen

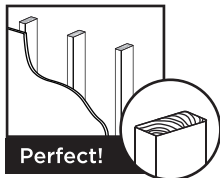
Laser TV Angles



We strongly recommend that two people handle this device when moving it from one place to another. Be sure to protect the lens when you handle this device.

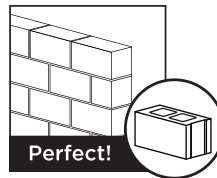
STEP 1 Mount the Screen

CHECK YOUR WALL



Drywall with studs

- Minimum wood stud size: common 2 x 4 in. (51 x 102 mm) nominal 1½ x 3½ in. (38 x 89 mm)



Solid concrete or concrete block?

- Minimum solid concrete thickness: 8 in. (203 mm)
- Minimum concrete block size: 8 x 8 x 16 in. (203 x 203 x 406 mm) Place screen onto the wall-mount brackets.

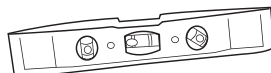
REQUIRED TOOLS AND DEVICES



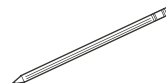
Tape measure



Stud finder



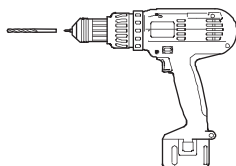
Level



Pencil



Tape



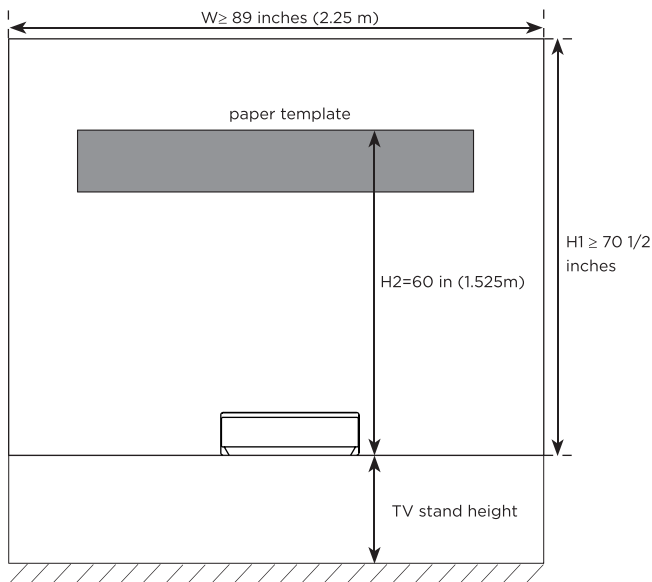
Screwdriver with 8 mm drill bit for wood stud



Hammer for concrete anchors

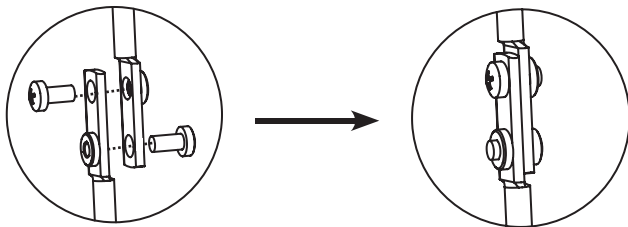


Phillips screwdriver



Wands Connection

Connect the wands as the illustration below.



Prepare Your Space

CHECK THE SIZE OF YOUR SPACE

- Width ≥ 89 inches (2.25 m)
- Height ≥ 70 1/2 inches (1.8 m) from the installation surface to the ceiling
- For the optimal viewing experience, we recommend a minimum viewing distance of 120 inches (3 m) from the screen.

RECOMMENDED SIZE FOR YOUR TV STAND

We recommend that you place your Laser TV on a TV stand that is at about 20 inches tall and wide enough to hold the TV.

Install the Wall-Mount Brackets

NOTE: Make sure you have your paper template, pencil, tape and screwdriver.

1. Starting from the top of your TV stand, add 60 inches above it to get the height of the top of the paper template. Mark the height onto the wall.
2. Put the paper template on the center of the wall.
NOTE: The paper template should match the mark your made on the wall.
3. Make sure the paper template is level.

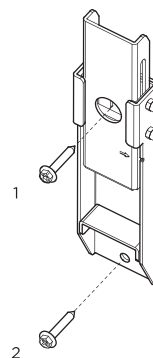
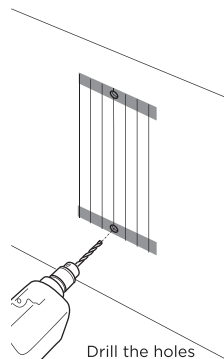
IF YOU HAVE A DRYWALL WITH WOOD STUDS

NOTE: Make sure you have your stud finder.

4. Use a stud finder to find the studs in the areas on the paper template, and mark the center of the studs with a pencil.
Following the vertical line on the paper template, mark where the bottom screws should be within the proposed area.

5. On the marks, drill the holes for the four screws.
6. Remove the paper template and install the brackets with the screws. Firmly tighten the screws.

NOTE: Hold the bracket in place when tightening the screw to keep the bracket from shifting.

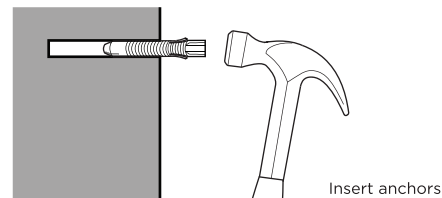


IF YOU HAVE A SOLID CONCRETE OR CONCRETE BLOCK WALL

NOTE: Make sure you have your concrete anchors and hammer.

4. Drill holes for the top screws. Following the vertical line on the paper template, drill holes for the bottom screws within the proposed area.
5. Remove the paper template and insert four anchors into the holes.
 - Be sure the anchors are flush with the concrete surface.
6. Install the brackets with the screws and firmly tighten them.

NOTE: Hold bracket in place when tightening the screw to keep the bracket from shifting.

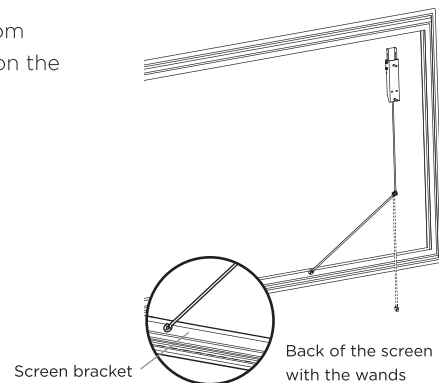
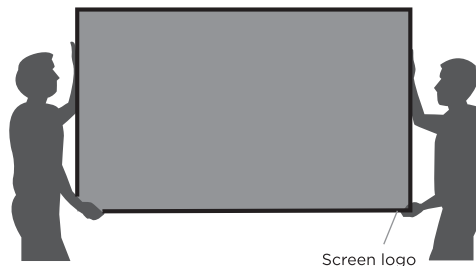


CAUTION: All screws **MUST BE** firmly tightened to prevent unwanted movement of the brackets. Ensure the brackets are securely fastened to the wall before continuing on to the next step.

7. Attach the upper and lower parts of the wall bracket wands with the screws and bolts. Make sure the two parts are aligned and firmly tighten the screws.
8. Hang the wands on to the wall-mount brackets.

Hang the Screen

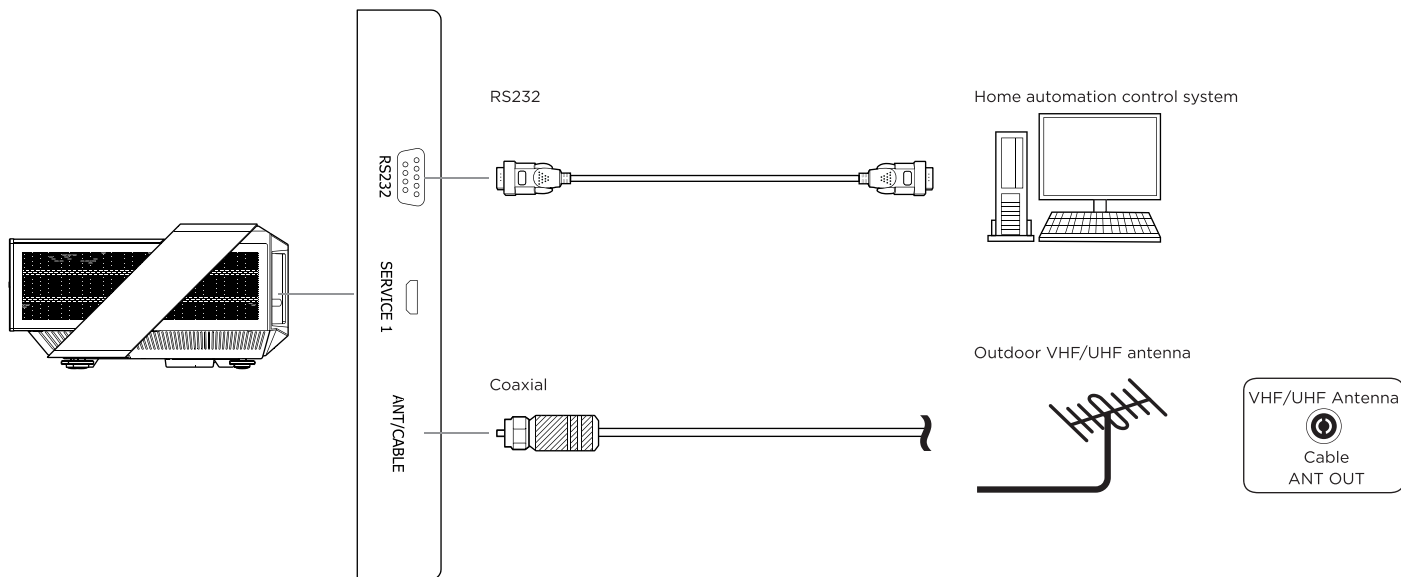
1. Unpack the screen. We strongly recommend that two people handle this screen when moving it. Be sure to use gloves (included) to avoid grease, sweat and dirt.
2. Place the screen onto the brackets. To make sure the orientation of the screen is correct, check to make sure you see the screen logo (SI) at the bottom right of the frame.
NOTE: We do not recommend mounting the TV to the ceiling. However if you choose to, then the orientation of the screen will need to be reversed.
3. Make sure the screen is horizontally and vertically level. To prevent the bracket wands from keeping the screen from being vertically level, fold and rest them on the screen bracket on the bottom of the screen (see the diagram).

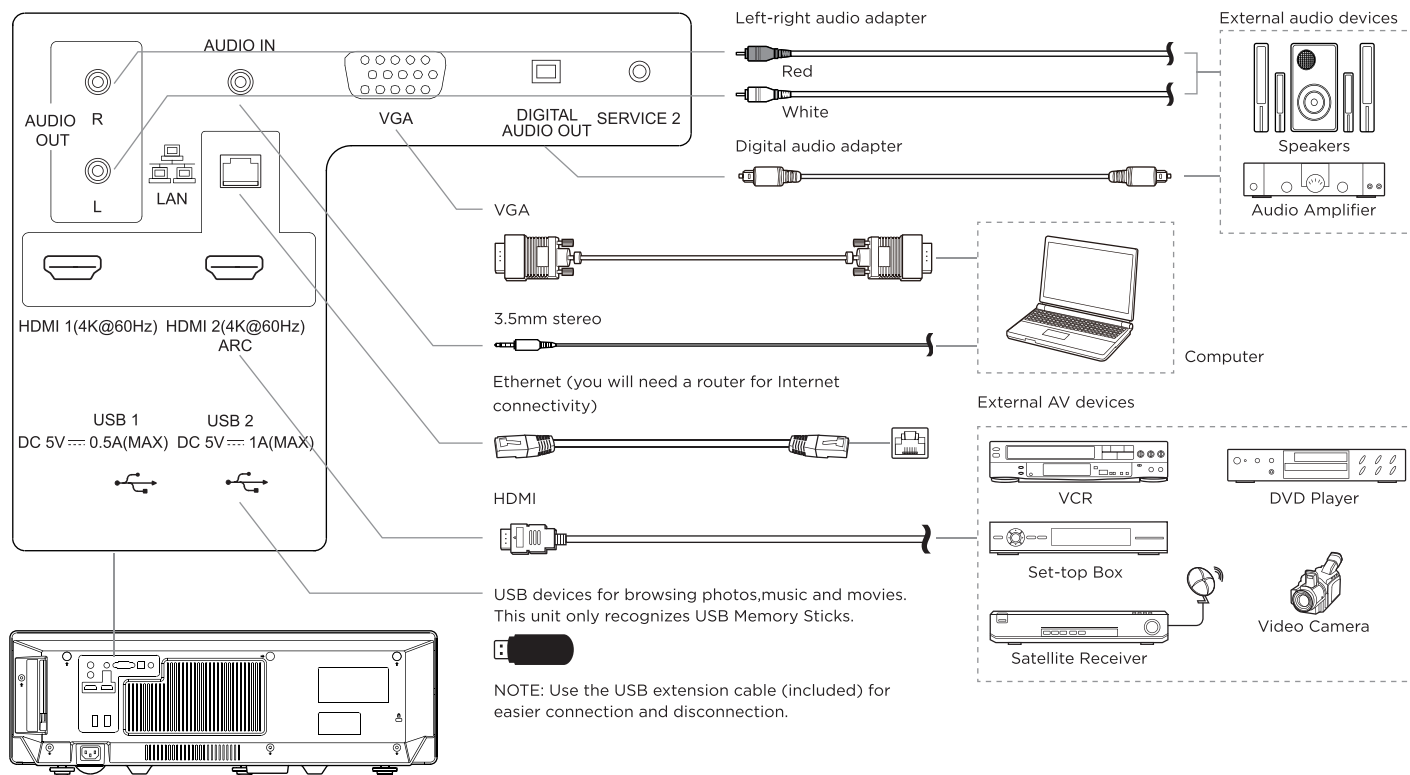


STEP 2 Install the Laser TV

We strongly recommend that two people handle this device when moving it from one place to another. Be sure to protect the lens when you handle this device.

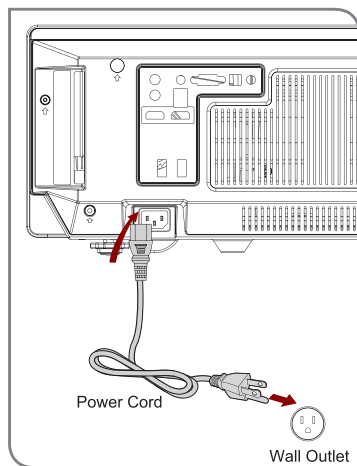
We recommend to connect all cables to the ports on the back of the Laser TV before positioning the TV. (Audio, video, Ethernet cables and external devices are not included.)





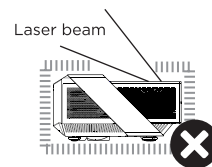
Check to ensure that you have selected the right cables for the ports and that they are connected securely. Loose connections can affect the quality of the picture image and color.

1. Position the Laser TV so it is parallel with the screen surface.
We recommend the distance from the back panel of the Laser TV to the wall to be 8 1/8 inches.
2. Plug the power cord into a wall outlet.
3. Remove the lens cover. Press the POWER button to turn on the Laser TV

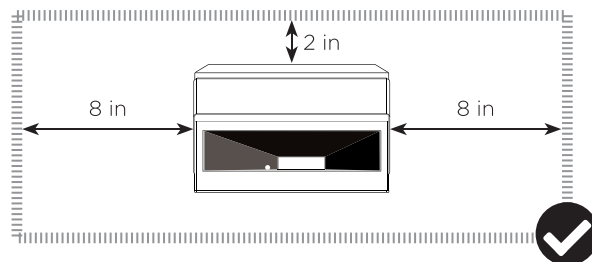


WARNING: Insufficient ventilation space will cause this device to overheat or become damaged.

- Do not block the air vents or place any object on this device.
- Do not place this device in any narrow, enclosed or poorly ventilated space.



At a minimum, leave the amount of space shown in the diagram below for this device to have proper ventilation.



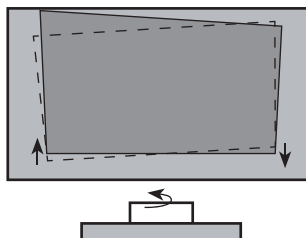
STEP 3 Adjust the Display Image and the Screen

Follow the steps in the order shown below, only if they apply to your situation.

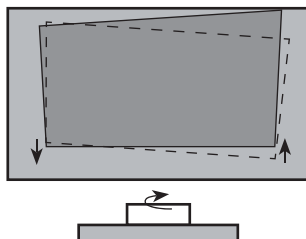
Note: Before adjusting, fold the wall-mount bracket wands so that screen is vertically level.

PARALLEL THE BOTTOM OF THE IMAGE WITH THE SCREEN

If the bottom of the image is lower on the left and higher on the right, rotate the device counterclockwise.



If the bottom of the image is lower on the right and higher on the left, rotate the device clockwise.

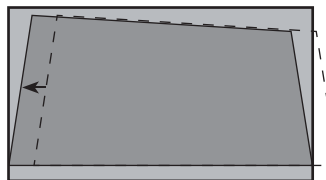


FIT THE BOTTOM OF THE IMAGE TO THE SCREEN

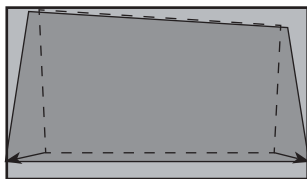
- If the image shifts to the left side, then move the Laser TV to the right.



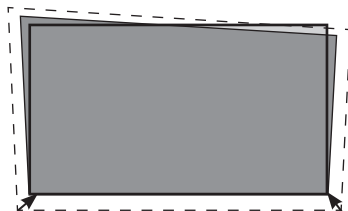
If the image shifts to the right side, then move the Laser TV to the left.



- If the bottom of the image is wider than the screen, then move the Laser TV closer to the screen.



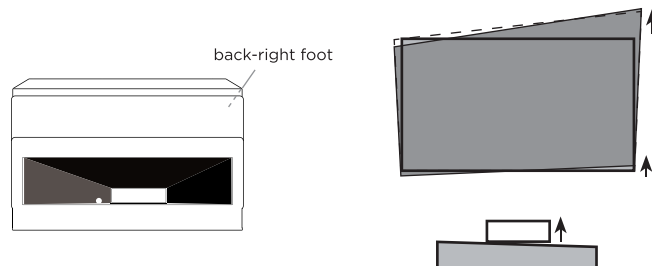
If the bottom of the image is narrower than the screen, then move the Laser TV farther from the screen.



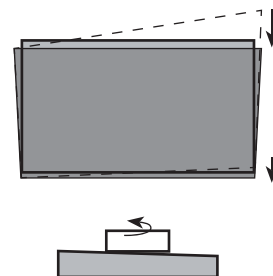
NOTE: Make sure the bottom of the image always stays parallel with the screen. If not, rotate the TV following previous instructions.

ADJUST THE UPPER-RIGHT CORNER OF THE IMAGE

1. If the top of the image is lower on the left and higher on the right, then use the wrench to rotate the back-right foot clockwise so that the bottom of the image is also higher on the right. The upper-right corner will expand further by default. Make sure part of the image is displayed beyond the upper-right corner of the screen.



2. Now, rotate the TV counterclockwise so that the bottom of the image is parallel with the screen.

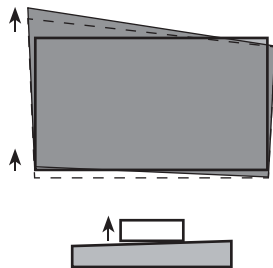
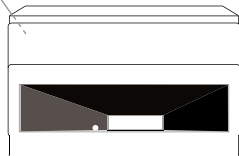


3. Repeat the steps above until the top of the image is parallel with the screen.
4. Rotate the back-left foot to the same height as the right one and make sure the TV sits stably.

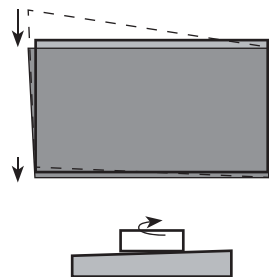
ADJUST THE UPPER-LEFT CORNER OF THE IMAGE

1. If the top of the image is higher on the left and lower on the right, then use the wrench to rotate the back-left foot of the TV clockwise so that the bottom of the image is also higher on the left. The upper-left corner will expand further by default. Make sure part of the image is displayed beyond the upper-left corner of the screen.

back-left foot



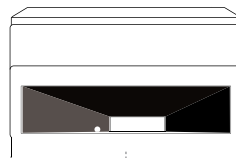
2. Now, rotate the TV clockwise so that the bottom of the image is parallel with the screen.



3. Repeat the steps above until the top of the image is parallel with the screen.
4. Rotate the back-right foot clockwise to the same height as the left one and make sure the TV sits stably.

FILL THE TOP OF THE IMAGE TO THE SCREEN

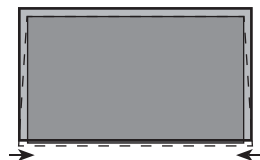
If the top of the image is wider than the screen, then use the wrench to rotate the center-front foot of the Laser TV clockwise.



center-front foot



If the top of the image is narrower than the screen, then use the wrench to rotate the left- and right-back feet of the Laser TV clockwise, until the left and right borders of the image are parallel with the screen borders. Next, move the projector further from the screen to fill the image to screen width. If the back feet are already at their maximum height, rotate the the center-front foot counterclockwise.



Rotate the back feet clockwise



Rotate the center-front foot
counterclockwise

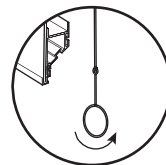
After you've completed adjusting the image position, rotate the left and right front feet to the same height as the center one to make sure the TV sits stably.

ADJUST THE HEIGHT OF THE SCREEN

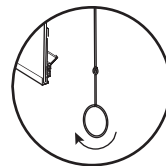
Attach the handles of the wands on the wall-mount brackets and adjust the height of the screen. Refer to the top border to match the screen to the display image.

Do not look directly at the lens when this device is on because the laser light may damage your eyes!

If the screen is higher than the image, then rotate the wands counterclockwise and move the screen down.



If the screen is lower than the image, then rotate the wands clockwise and move the screen up.

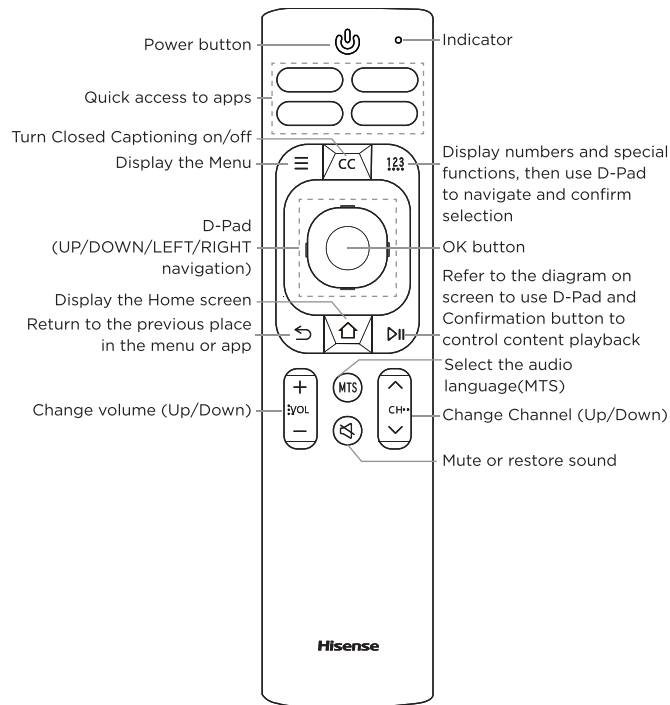


After you've completed adjusting the screen height, remove the handles. Fold and rest the wands on the screen bracket on the bottom of the screen.

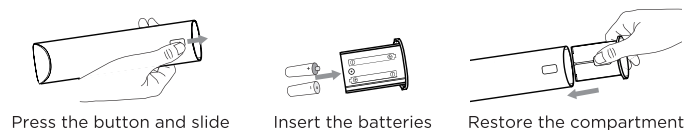
STEP 4 Use Your Remote

BUTTONS ON YOUR TV REMOTE

NOTE: The button labels are provided as a reference. The actual appearance of the remote that is included with the TV, may differ from this diagram.



1. Press and slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Restore the battery compartment.



IMPORTANT INFORMATION ABOUT THE REMOTE AND BATTERIES

- Discard batteries in a designated disposal area. Do not throw them into a fire.
- Remove old batteries immediately to prevent them from leaking into the battery compartment.
- If you do not intend to use the remote control for a long time, then remove the batteries.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin then wash it immediately.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (NiCd, NiMH, etc.) batteries.
- Do not continue using the remote if it gets warm or hot.

- Call our Support Center immediately on the support website.
- Do not continue using the remote if it gets warm or hot.
- Call our Support Center immediately on the support website.

REMOTE CONTROL RANGE INFORMATION

- The remote control can work at a distance of up to 26 feet in front of the TV set.
- It can work at a 30 degree horizontal or vertical angle.

STEP 5 Proceed through the Screen Setup Menu

NOTE: You are not required to adjust the settings (for example, Projection Mode, Focusing and Geometry Correction, Screen Type, etc.) if you like the way that your image appears on your screen. You are only required to select "TV setup" and follow instructions on the screen to complete the setup process of smart features.

PROJECTION MODE

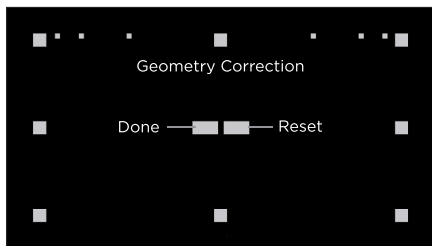
If you need to flip the image over top-to-bottom and/or left-to-right, select the Projection Mode and press the LEFT/RIGHT buttons.

FOCUSING AND GEOMETRY CORRECTION

1. If you need the image to appear sharper, select the Focusing and Geometry Correction to display the Focusing pattern, and adjust the focus by pressing the UP/DOWN buttons.



1. If you need to correct the distortion of the image, press the OK button while Focusing screen is displayed. Next, select a point for adjustment using the UP/DOWN/LEFT/RIGHT buttons. Adjust eight main points at the corners and midpoints first, then adjust the six smaller points on the top border.



2. Adjust the position of the point by pressing the UP/DOWN/LEFT/RIGHT buttons, then press the Back button to view and select other points. Your changes will apply automatically.

NOTE: To return the picture position to the factory default, select the Reset button on the screen.

SCREEN TYPE

If you are not using an ALR screen (for example, the screen that came with this TV), select the Screen Type to choose the option that matches the gain of your screen.

Begin to Enjoy Your TV

Your Smart TV is easy to use and brag-worthy!

After you've completed setting up the language, time and network connection, the Home screen will be your starting point for navigating the TV. Gone are the days where your TV only provides one way for you to be entertained. This showpiece provides you the convenience of watching a program on a live channel, accessing Video on Demand to watch a movie and many other entertainment options.

Using your remote, press the Home button to begin enjoying your TV.

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Maintenance

- Do not touch this device when it is running or just turned off because it may be hot.
- Do not wipe this device with oil because it may deteriorate the exterior or damage the paint. Contact with rubber or ethylene products for a long time may cause stains on this device.
- If the outside of the TV is dirty, turn off the TV and wipe with a dampened soft cloth.
- Do not touch the lens with your hands.
- Do not touch or wipe the lens with ordinary cleaning cloth. Use a dust blower to remove the dust on the lens. Grease, dirt and fingerprints should be cleaned carefully by the professional by using optical cleaning cloth, lens wiping paper or professional cleaning solutions to avoid destroying the optical filming and affecting the image quality.
- To turn off this device, press the Power button on the remote control. Do not cut off the power directly when the device is working.


Quick Problem-Solving Tips

When you experience an issue with your TV, turn it off and on again. If this does not resolve the problem, then refer to the tips below.

When I turn on my TV, there is a delay for a few seconds before the picture appears. Is this normal?

Yes, this is normal. The TV is initializing and searching for previous setting information.

No sound or picture

1. Check if the power cord is plugged into a powered AC outlet.
2. Press the  Power button on the remote control to activate the unit from 'Standby' mode.
3. Check to see if the LED light is on or not. If it is, then the TV is receiving power.

I have connected an external source to my TV and I get no picture and/or sound.

1. Check for the correct output connection on the external source and for the correct input connection on the TV.
2. Make sure you have made the correct selection for the input mode for the incoming signal.

The picture is normal but there is no sound

1. Check the volume settings.
2. Check if 'Mute' mode is set to On.

Sound but no picture or black and white picture

1. If the picture is black and white, unplug the TV from the AC outlet and replug it after 60 seconds.
2. Check that the Color is set to 50 or higher.
3. Try different TV channels.

The sound and/or picture is distorted or appears wavy

1. An electric appliance may be affecting the TV. Turn off any appliances that are nearby and move it farther away from the TV.
2. Insert the power plug of the TV set into another power outlet.

The sound and picture is blurry or cuts out

1. If using an external antenna, check the direction, position and connection of the antenna.
2. Adjust the direction of your antenna or reset or fine tune the channel.

The plastic cabinet makes a "clicking" type of sound

The 'click' sound can occur when the temperature of the television changes. This change causes the television cabinet to expand or contract, which makes the sound. This is normal and the TV is OK.

The remote control does not work

1. Confirm that TV still has power and is operational.
2. Change the batteries in the remote control.
3. Check if the batteries are correctly installed.

NEED MORE HELP?

Additional help is available online at support links. You will find answers to frequently asked questions, downloadable firmware and more. If the problem is still not resolved, then contact us at one of the phone numbers below.

U.S.A.

<http://www.hisense-usa.com/support/>

Phone: 1-888-935-8880

Monday - Friday 9 AM to 9 PM EST

Saturday - Sunday 9 AM to 6 PM EST

Email: Service@hisense-usa.com

MEXICO

<http://www.hisense.com.mx/support/>

Phone: 1-800-008 8880

Monday - Friday 9:00-18:00

Email: servicio@hisense.com.mx

CANADA

<http://www.hisense-canada.com/support/>

Phone: 1-855-344-7367

Monday - Friday 8 AM to 8 PM EST

Email: canadasupport@hisense.com

Product Specifications

MODEL NAME	100L8D	
DIMENSION (W × H × D)	24.0 × 15.7 × 8.1 inches (609 × 398 × 205 mm)	
WEIGHT	41.9 lbs (19 kg)	
ACTIVE SCREEN SIZE (DIAGONAL)	100 inches	
SCREEN RESOLUTION	3840 × 2160	
AUDIO POWER	15 W + 15 W	
POWER CONSUMPTION	480W	
POWER SUPPLY	120 V ~60 Hz	
CONNECTIVITY	Built-in Wireless feature (2x2 dual band)	
KEY APPS	Netflix, Vudu, YouTube, Amazon Instant Video, Pandora and Opera App (Some apps only for USA)	
PORTS	2 HDMI ports, 2 USB ports, 1 VGA port, 1 RS232 port, 1 LAN port for Ethernet, 1 Digital Audio Output, 1 RF Input, 1 Audio input, 1 left/right Audio Output	
OTHER FEATURES	Smart TV, Dynamic contrast Picture, Web browser, Parental Control and Closed Caption, High Dynamic Range (HDR*)	

*HDR viewing experience will vary by model, content availability and Internet connection.

Disclaimer: All products, product specifications, and data are subject to change without notice to improve reliability, function, design or otherwise.

Certification and Compliance

FCC Notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS

COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

The Wi-Fi Module complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.



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