



# **Hisense**

## **Quick Setup Guide**

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

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**English**

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105 Satellite BLVD Suite I, Suwanee, GA 30024

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Hisense Mexico S. de R.L. de C.V.  
Bld. Miguel de Cervantes Saavedra No 301  
Torre Norte Piso 2, Col. Ampliación Granada  
Miguel Hidalgo, Ciudad de México, C.P. 11520  
RFC: HME110512IY3  
TEL: (52) (55) 5531-3515

CANADA

Hisense Canada Co., Ltd  
2550 Meadowvale Boulevard,  
Unit 1 Mississauga, ON,  
Canada L5N 8C2

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## Register Your Device!

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 Device. 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>

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## Important Safety Information



### SAFETY WARNINGS

**Do not look directly at the lens when this device is on!**

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

RG2 IEC 62471-5: 2015

CLASS 1 LASER PRODUCT IEC 60825-1: 2014

As with any bright light source, DO NOT STARE INTO THE BEAM

$\lambda = 465\pm 6\text{nm}/525\pm 6\text{nm}/643\pm 8\text{nm}$

Wavelength 465±6nm/525±6nm/643±8nm

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

The Device Complies with 21 CFR 1040.10 and 1040.11 except for conformance as a Risk Group 2 LIP as defined in IEC 62471-5: Ed.1.0. For more information see Laser Notice No.57, dated May 8, 2019.

- 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 459-651 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 direct sunlight or candle light.
- Keep air vents on both sides clear from any objects to prevent the device from overheating inside.
- 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 device.
- 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.
- Do NOT place any object above or in front of the lens because the laser light could cause the object to become flammable.
- Clean the lens periodically with a clean cloth and make sure the device is turned off before you start.
- Supervise children and never allow them to stare into the projector beam at any distance from the projector.
- Be cautious when using the remote control for starting the projector while in front of the projection lens.
- Avoid the use of optical aids such as binoculars or telescopes inside the beam.

## Low Blue light Content

- The long-term exposure to blue light may damage your eyes, in particular the retina, causing visual fatigue or eye strain. Children are particularly vulnerable to excessive blue light and the damage to them is irreversible. The product can decrease blue light ratio to reduce blue light hazard.

## Health recommendations

- Avoid long time continuous use product, ensure adequate break time.
- Looking at distant objects or exercises for the eye after use product.

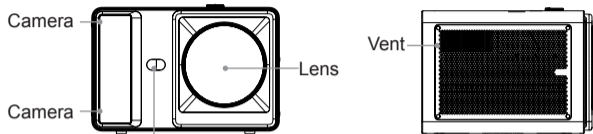
## Accessories List

- Quick Setup Guide× 1
- Remote Control × 1
- AAA Batteries × 2
- Power Cord × 1
- Power Adapter × 1
- Important Safety Information & Warranty Card × 1

### NOTE:

- The accessories list above may vary depending on specific model, country or region. Please refer to the actual accessory bag.
- Figures and illustrations are provided for reference only and may differ from actual product appearance.
- Screen is not included.

## Laser Projector Diagram



**ToF sensor** (used for the auto focus function and eye protection function)

With Class 1 Invisible Laser Radiation IEC 60825-1: 2014

Wavelength 930-950nm

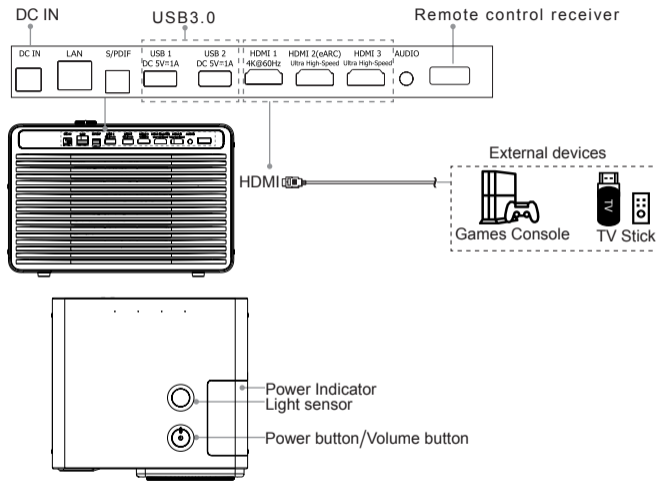
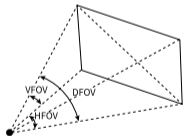
### Detection range :

1. CMOS image sensor module: DFOV:89.8°±3.0°, HFOV:76.9°±3.0°, VFOV:61.6°±3.0°

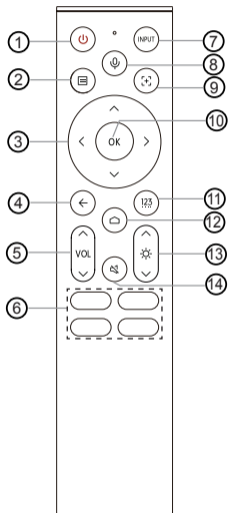
2. ToF sensor:940nm, DFOV:78.4°, HFOV:64.3°, VFOV:48.7°

### NOTE:

- The rated detection range of sensors may vary with different testing environments and conditions under different test product.
- Risks are inevitable in the usage of the projector even with eye protection function on. Children must be accompanied by adults when using it.
- Product image is only for reference, actual product may vary in appearance.



## Use Your Remote




- ① Power on/Standby
- ② Press to enter Menu  
Press and hold to pair the Bluetooth remote
- ③ D-pad (up/down/left/right navigation buttons)
- ④ Return to the previous place in the menu or app
- ⑤ Volume (up/down)
- ⑥ Quick access buttons to apps
- ⑦ Change input source
- ⑧ Activate the microphone
- ⑨ Press to enable auto focus  
Press and hold to enable manual focus
- ⑩ Confirmation button
- ⑪ Input numbers and special function buttons
- ⑫ Display the Home screen
- ⑬ Adjust brightness
- ⑭ Press to Mute or restore sound

### NOTE:



- **Backlight function:** The backlight turns on after pressing the remote button, and goes off if no operation for 5 seconds.
- Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
- The remote control functions at a distance of up to 8 meters when directed to the remote control receiver of the projector.
- The remote control is a wireless device, so its signals may be interfered and blocked.

# 1 Basic Operation

## Turning the device on or off

1. Plug the power cord into a wall outlet.
2. Press the  button on the remote to turn on the device. When you turn it on for the first time, follow the instructions displayed on the screen and configure the device's basic settings.

### NOTE:

- When the device is started up, you can press the  button on the remote to turn it into standby mode; When the device is in standby mode, you can press the  button on the remote to turn on the device.
- Pull the power cord out of a wall outlet when you do not use the device for a long time.
- Please wait at least 10 seconds to turn on the device again when it is shut down.


## Ceiling installation

The device supports hoisting. The bottom of the gimbal is equipped with a threaded hole. To hoist the device, please use 1/4"-20 screw thread, with an effective thread length of 6.7-9 mm. One screw is needed for fixing the device.

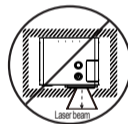
The installation should be performed by qualified professionals. Using defective brackets or bolts, or improper installation, can result in personal injury or property damage. The user shall assume full legal and financial responsibility for any personal injury, property damage, or consequential

losses arising from:

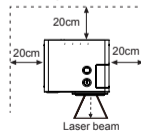
- Use of non-certified installation materials
- Improper installation practices deviating from specifications
- Failure to implement safety measures

 **WARNING:** Poor ventilation will cause the device to overheat or become damaged.

- Do not block the ventilation openings or place any object on the device.
- Do not place the device in any narrow, enclosed or poorly ventilated space.





- To ensure proper ventilation of the device, the minimum space must be maintained as shown in the diagram below.



## 2 Auto Focus

When the auto focus function is enabled, the device can automatically adjust the focus to make your projector picture clear.

- Enable auto focus function by pressing  button on the remote.
- You can enable manual focus function by pressing and holding  button, and manually adjust the focus by pressing the D-pad on the remote.

## 3 3D FUNCTIONALITY

This projector features 3D capability, allowing users to enjoy immersive 3D content. A pair of DLP-Link 3D glasses (sold separately) is required for 3D viewing.


- 3D Mode Setup  
Press the [ MENU ] button on the remote control to enter Laser Settings and select the 3D format corresponding to your content:

3D Mode	Content Format Description
Side by Side	Two images displayed horizontally
Top & Bottom	Two images stacked vertically
Frame Packing	Sequential frame-based 3D format

### NOTE:


- Always review safety guidelines in the 3D glasses user manual before use to prevent physical discomfort or property damage.
- Certain 3D content may not be compatible due to system limitations.
- Image quality may vary depending on source content and 3D format.

## 4 Auto Keystone Correction

Press  button on your remote, select **Settings > Projector > Auto Keystone Correction**.

The device can perform auto keystone correction on the projected screen and automatically changes the screen shape into a rectangle.

## 5 More Settings

Press  button on your remote, select **Settings** to enter the Settings Menu to set up your device.

### NOTE:

- For detailed instructions, please refer to the E-Manual (**Settings > Support > E-Manual**).
- Parts of the software function changes with the system upgrade.

## 6 Image Size and Projection Distance

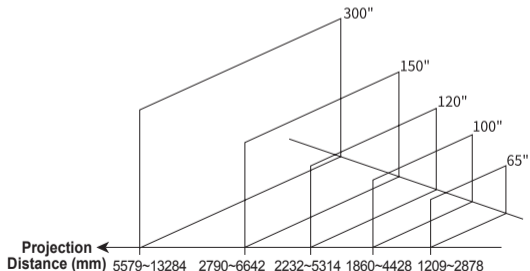


Image Size	300"	150"	120"	100"	65"
Projection Distance					
mm	5579~13284	2790~6642	2232~5314	1860~4428	1209~2878
inch	220~523	110~261	88~209	73~174	48~113

### NOTE:

- When the image size is greater than 300 inches, Auto Keystone Upon Motion may be unavailable, Manual Focus and Manual Keystone Correction are required.
- The projection distances are provided for reference, and the actual distance varies with the selection of optical zoom.

## Maintenance

- Avoid touching the device when it is running or immediately after it is turned off, as it may be hot.
- Do not clean the device with oil-based products as they can deteriorate the exterior or damage the paint. Extended contact with rubber or ethylene products can cause stains on the device.
- If the exterior of the Laser Projector becomes dirty, turn off the device and wipe it with a damp, soft cloth.
- **Lens Care:**
  - Avoid touching the lens with your hands.
  - Do not use ordinary cleaning cloths to wipe the lens.
  - Use a dust blower to remove dust from the lens.
  - For grease, dirt, and fingerprints, have a professional clean the lens using optical cleaning cloths, lens wiping paper, or professional cleaning solutions to avoid damaging the optical coating and affecting image quality.
- Always use the Power button on the remote control to turn off the device. Do not cut off the power directly while the device is operating.

## Troubleshooting

If you are having trouble with your device, first try turning it off and on again. If this does not fix the problem, check the tips in the following.

### **1. It takes a few seconds before the picture is displayed after the device is switched on. Is this normal?**

- Yes, this is normal. The projector is in the process of initialisation and searching for information on previous settings.

### **2. No sound or picture**

- Check if the power cord is plugged into a working mains socket.
- Press the Power button on the remote control to activate the device from 'Standby' mode.
- Check the volume settings or 'Mute' mode is set to On.


### **3. Some irregular shadow appear on the edge of the picture after manual keystone correction**

- Hisense projectors use digital correction, so the true resolution fills on the actual display area and leaves some surrounding area unused after manual keystone correction is completed.

#### 4. When projector is moved, auto keystone correction function does not work properly

- Make sure that the auto keystone upon motion function is turned on in projector settings.
- Make sure that no obstacle is in front of the projection lens or camera module.


#### 5. Remote control does not work properly

- Check if the battery power is normal.
- Take out the batteries, press any key for 1~2 seconds, and insert them back.
- In special cases, press and hold [  ] button to pair.

If you still have other questions, please visit the following website and find local CUSTOMER CENTER Service Hot-line for help.

<https://global.hisense.com/support/customer-center/>

## Product Specifications

Model Name	XR10
Dimension (L × D × H)	11.5 × 10.7 × 8.4 inches (293 × 273 × 213 mm)
Weight	23.4 lbs (10.6 kg)
Active Screen Size (Diagonal)	65 ~ 300 inches
Screen resolution	3840 × 2160
Audio power	2 × 8 W+ 15 W
Power consumption	360 W
Power supply	100-240V~ 50/60Hz, 6A
Power input	36V  10A
Environmental conditions	Temperature: 41°F - 95°F (5°C - 35°C) Humidity: 20% - 80% RH Atmospheric pressure: 86 kPa - 106 kPa
Storage Temperature	5°F to 113°F (-15°C to 45°C)
Storage Humidity	10% to 70%, non-condensing

HDMI Input	RGB / 60Hz (640×480, 800×600, 1024×768) YUV / 60Hz (480i, 480p, 720p, 1080i, 1080p) YUV / 50Hz (576i, 576p, 720p, 1080i, 1080p) 3840×2160 / 24Hz, 3840×2160 / 25Hz, 3840×2160 / 30Hz, 3840×2160 / 50Hz, 3840×2160 / 60Hz
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**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 equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or Laser Projector 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:

- 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/Laser Projector technician for help.

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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR LASER PROJECTOR INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

## Declaration of Conformity

Trade Name: Hisense

Model: XR10

Responsible Party: Hisense USA Corporation

Address: 105 Satellite BLVD Suite I, Suwanee, GA 30024

Telephone Number: 1-888-935-8880

This device complies with Part 15 of the FCC Rules. Operation is subject

to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



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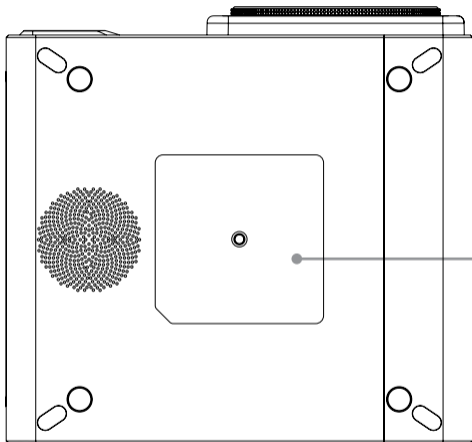


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## Bottom View



### NOTE:

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