

FORMOVIE

A minimalist living room scene with a projector on a low table casting a large image of a snowy mountain range onto a large screen. The room includes a beanbag chair, a small table with a teddy bear, and a rug.

UST Projector 101

Catalogue

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What is a UST laser projector?

Ultra-Short Throw (UST) projectors, also known as Laser TVs are growing in popularity and have even been considered by some as a suitable replacement for a living room TV. This is due to their minimal space consumption and screen size in comparison to Long Throw (LT) projectors and OLED TVs. As the name suggests, the throw ratio of UST projectors is significantly low, meaning the device can be placed in the position of a regular TV and achieve a display of up to 150-inches in some cases. UST projectors use a series of lasers and mirrors to create a large image that can be displayed from a very short distance.



Why Should I Choose UST over LST Projector or OLED TV?

Below is a simple chart to help you find out the pros and cons of each and every category, so that you would know what's best for your own setup! As one of the best UST Projector out there in the market, Formovie THEATER has an [unbeatable specs sheet](#) here, in case you wonder how good the graphic can be on a UST. Don't forget to subscribe!

	UST	LT	OLED TV
Pros	<ul style="list-style-type: none">• Huge and adjustable screen• Works in daylight• Space-free• Eye-protection• Low maintenance• Longer lamp lifetime	<ul style="list-style-type: none">• Greater screen size• Relatively cheaper	<ul style="list-style-type: none">• High resolution• High brightness
Cons	<ul style="list-style-type: none">• Relatively more expensive than LT projectors.	<ul style="list-style-type: none">• Limited flexibility• High installation costs• Vulnerable to shadow disruptions• Short bulb lifetime	<ul style="list-style-type: none">• Large cost for bigger Size• Takes up space• Harmful to eyes• Lack of immersive experience

Want more in-depth understanding? please read the following articles.
[Ultra Short Throw vs Long Throw Projectors - Which Should You Choose?](#)
[Can You Replace Your TV With a Laser TV?](#)

What makes a good UST laser projector?

Light Source

Be sure to look for ALPD laser technology. **Advanced Laser Phosphor Display (ALPD®)** is a technology that was created in an attempt to combat the disadvantages of the traditional lamp projector, and LED projectors. Projectors that utilize this technology offer brighter, and more vivid projection displays for an extended period of time.

[Formovie THEATER](#) utilizes the latest [ALPD® 4.0 technology](#), offering the smart-home owner the option to take their entertainment space to the next level with innovative imagery, and up-to-date connectivity and processing systems.

Resolution

Generally, higher resolution means higher pixels leading to better image quality. When thinking of a UST laser projector to buy, a 4K projector is considered the best option because it delivers four times the display quality of a 1080p projector. The [Formovie THEATER](#) is a **4K UHD** projector (3840 × 2160 pixels) offering high-quality images.

Brightness and Contrast

A high brightness and contrast rate guarantees an excellent projection display all throughout your viewing experience, whether you're in a blacked-out room, or a dimly lit one with only the brightest projections all throughout your viewing experience. This makes for greater detail in all visuals from pictures to colors and a contrast ratio that displays purer-looking whites and darker blacks. Formovie THEATER combines dazzling [ALPD 4.0® Technology](#) with [2800 ANSI lumens](#) to produce stunning pictures with deep dark tones and rich colors.

Color Gamut

If bright and vividly colored images are a priority feature for you it's critical to get a device with a wider color gamut. For projectors currently on the market, there are three main color gamut standards used : **Rec.709 (also known as BT.709), DCI-P3, and Rec.2020.**

In terms of the range of colors, among the three color gamut standards listed, the Rec.2020 covers the largest area of the visible color spaces.

Large Screen

UST projectors are generally capable of widescreen displays. Formovie THEATER offers dynamic displays between **80" and 150"** that are ideal for creating a home theater. With widescreen displays, you can enjoy larger images, focus on every detail and bring a cinema- level experience to your home.

Built-in Speaker

When you buy a high-end projector with thousands of costs, having to spend further on external sound systems may be too much to ask. It's better to consider going for a projector that comes with built- in speakers that deliver excellent sound quality. You need at **least 20W** of power to fill a standard sized room with sound. Formovie THEATER, for instance, features **two 15W full range speakers** and an additional **2X15W tweeters for a total of 60W of sound output.**

Regardless of whether you prefer on- board or external sound, also check whether Dolby audio and DTS- HD are compatible as this allows the sound system to deliver the most from your content.

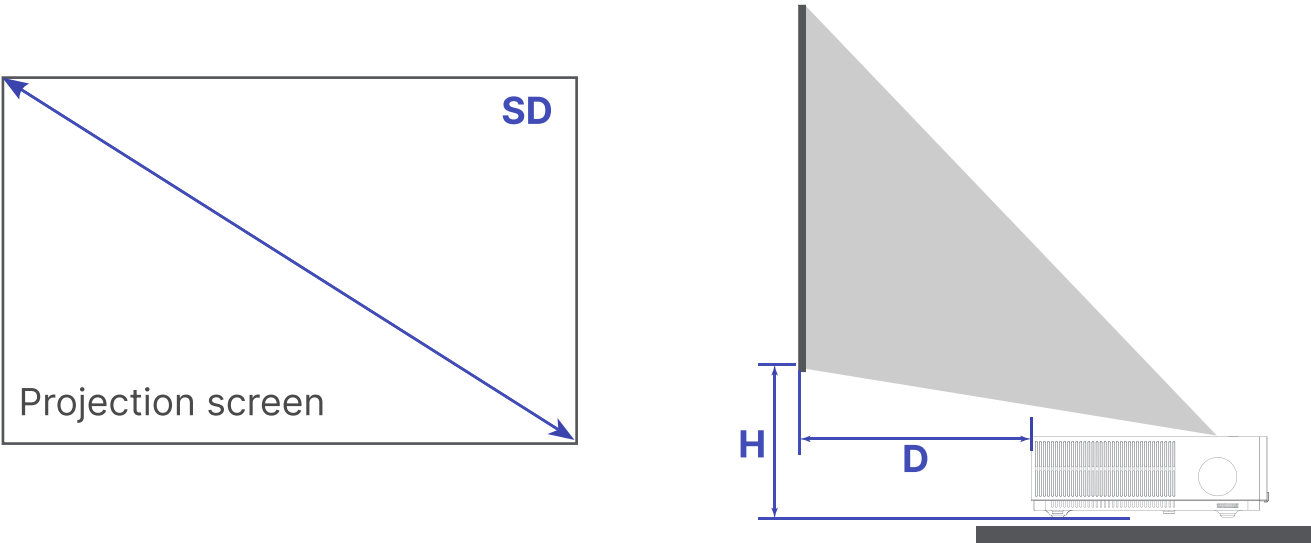
Built-in Entertainment

When shopping for a good ultra short throw projector, the built-in entertainment is also a bonus.

Take advantage of the endless content options available on **Android 11.** You can conveniently access HBO, Hulu, YouTube, and up to 5000 more streaming apps. The apps can be downloaded from the Google Play Store that you can access and explore directly on your Formovie system.

How to set up my UST laser projector for the best performance?

As long as you set up the ultra short throw projector properly, you will instantly be able to enjoy a cinematic experience in your living room. Place your projector on furniture that can safely support it, ensuring the projector does not reach the edge of the supporting furniture.



Determine the distance between the projector and the wall or screen according to the desired screen size.

Screen Dimensions (SD)	Relative Distance (D)	Relative Height (H)
80"	14 cm	30 cm
90"	18 cm	34 cm
100"	23 cm	37 cm
120"	33 cm	43 cm
150"	49 cm	50 cm

Screen Dimensions (SD): The diagonal size of the projection screen (in inches).
Relative Distance (D): The distance between the projector and the wall or screen (in cm).
Relative Height (H): The distance from the bottom of the projector to the bottom edge of the projected image (in cm).

How can I get extra performance out of my Formovie THEATER?

Thanks to the help of **AVSForum community**, many Formovie THEATER owners have made a collection of set-up tweaks on the [post here](#). There is also a [continuous Google sheet](#) within the discussion. Whether you are using THEATER or any other UST projector, we hope that this thread can help you find-tune your machine to perform better!

Links to resources

[Official Formovie THEATER product page](#)

[ProjectionScreen.com](#) - The place to buy to get the best support. No monetary or other affiliation involved in promoting them

[AVSForum's Fengmi Formovie T1 thread](#) - T1 is Theater's original Chinese market counterpart



\$400 OFF

Formovie THEATER

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