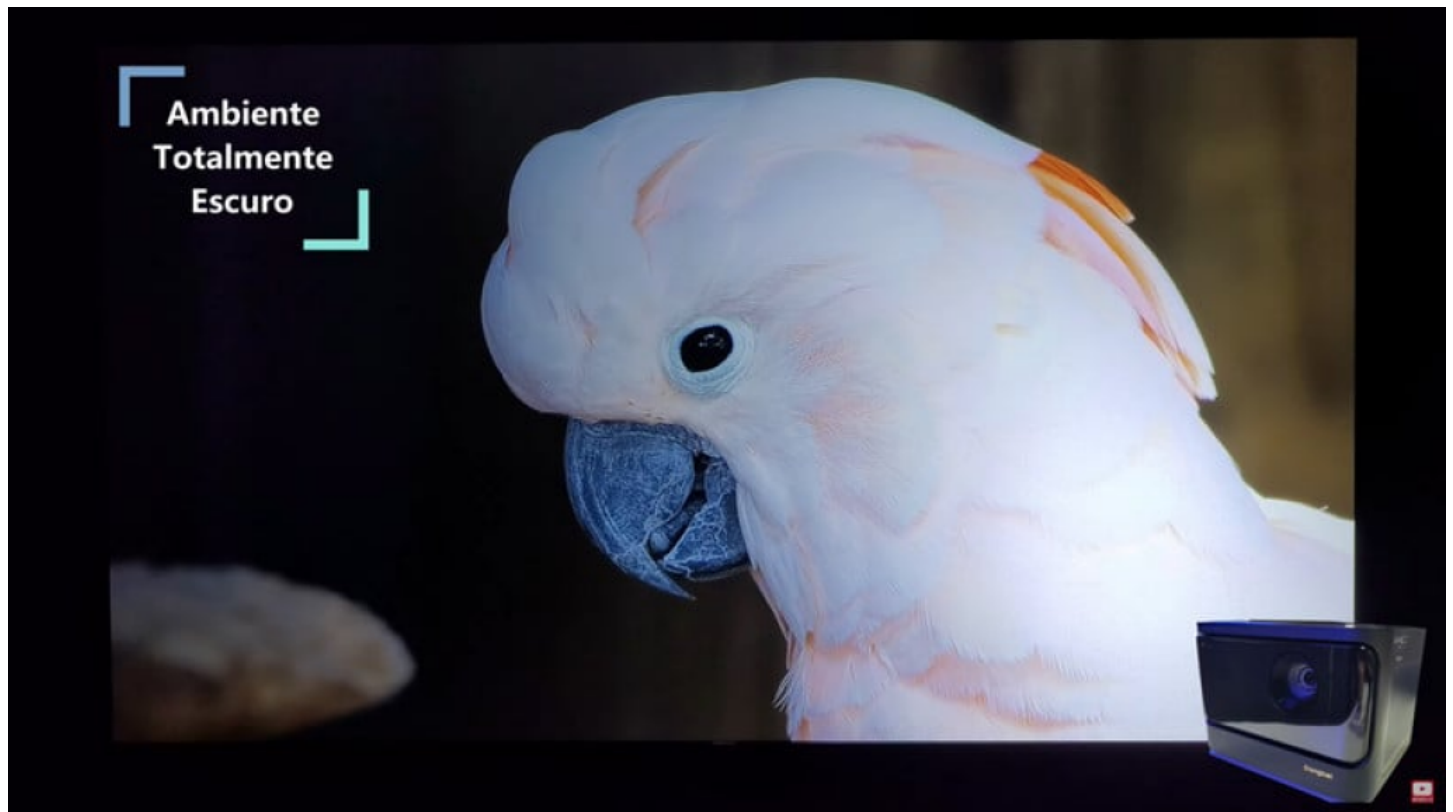


Dangbei Mars Pro: 4k laser projector with short-throw

This article will introduce what is short-throw and long-throw projector and review a stunning 4k laser short-throw projector--Dangbei Mars Pro.



New York City, New York Oct 12, 2022 ([Issuewire.com](https://www.issuewire.com)) - With the popularity of [home projectors](#), various types of projectors are appearing to the public. For people who are new to projectors, distinguishing between the uses of multiple projectors is a relatively difficult thing to do. This article will introduce what short-throw projectors and long-throw projectors are, the differences between them, and how to pick a suitable [projector](#) for home theater.

What is the throw ratio?

The projection ratio is the ratio of the projection distance to the width of the screen, which can also be understood as the ratio of the distance from the projector to the screen to the size of the projected image. For example, the Dangbei Mar Pro laser projector has a projection ratio of 1:1.27, which means that when the projection distance is 1 meter, the width of the projected picture is 1.27 meters. The throw ratio is higher for long throw projectors and lower for short throw projectors. So that you can place a short throw projector closer to the screen than a long throw projector.

What is a short-throw projector?

The so-called [short-throw projector](#), that is, the projection of a 100-inch screen requires a distance of about 4.5 feet projector, mainly for the narrow space, such as conference rooms or living rooms.

What is a long-throw projector?

The so-called long-throw projectors, i.e. projectors that require an enormous throw distance. For example, a projector 100 screen size requires a distance of about 6 inches or more. A long-throw projector is a more common projector on the market today.

What are the differences between a short-throw projector and a long-throw projector?

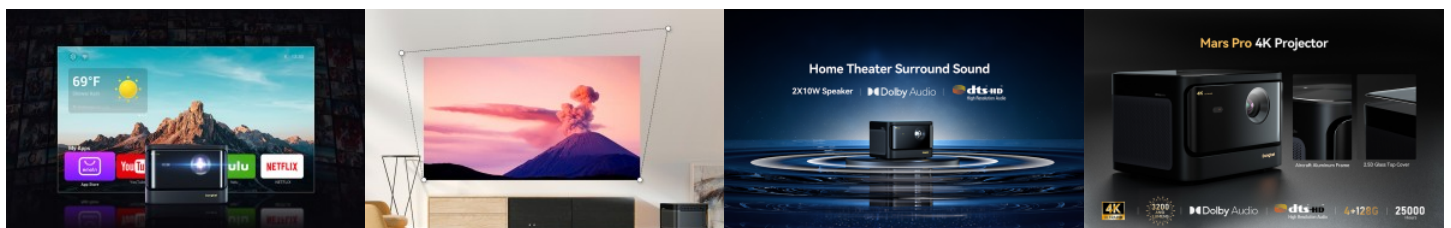
The difference between a short-throw projector and a long-throw projector is how far away from the screen you want to place it. When you don't have enough space, a short-throw projector is the better choice. But if you want to create a unique home theater and have a lot of space in your home, then a long-throw projector is better for you because long-throw projectors can reach their peak performance away from the screen they are projecting on.

How to choose between a short throw projector and a long throw projector?

It all depends on your usage. If your living room is not very large, but you are committed to creating a perfect high-end home theater, then a short-throw projector would be the best choice. This is because most short-throw projectors use laser light sources, which have the advantage of high brightness and long life. Not only that, but it also offers more of the wide color gamut associated with today's high dynamic range images.

What's more is that short-throw projectors can project images up close, preserving the brightness of the original image to some extent and providing a clearer and brighter picture.

If you choose a long-throw projector, when you place the projector on the floor or table, the lens will be obscured when someone passes in front of the projector. At the same time, if you are not careful to look directly at the light source of the projector will also hurt your eyes. Short-throw projectors like the [Dangbei Mars Pro](#) do not cause such problems. Mars Pro is certified by **TÜV Rheinland** and the **US FDA** and uses diffuse imaging technology. You can have a comfortable and safe viewing experience by reducing blue light, diffusing imaging, and color control.



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