Subject: Creating a Projector at Home
Posted by Souldude on Tue, 23 Feb 2021 18:14:54 GMT
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It's been a while since we can visit theaters and I've been missing the experience of watching in it. This gave me the thought of making a projector at home but I'm not sure where to start. Has anyone tried making it at home? How was the experience using it?

Subject: Re: Creating a Projector at Home
Posted by Leot55 on Wed, 24 Feb 2021 21:19:15 GMT
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I created a theater room with dark paint, theater seats, and such. I made the "screen" by painting the wall white and framing it in with black paint. It looks pretty nice. I didn't make the projector itself, though. You should go for it.

Subject: Re: Creating a Projector at Home
Posted by Souldude on Wed, 17 Mar 2021 05:14:30 GMT
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Leot55 wrote on Wed, 24 February 2021 15:19I created a theater room with dark paint, theater seats, and such. I made the "screen" by painting the wall white and framing it in with black paint. It looks pretty nice. I didn't make the projector itself, though. You should go for it.
Thanks, man. One of my worries was the movie not becoming clear enough when projected because of the background. This gives me an idea about how I should set up my "theater" now.

Subject: Re: Creating a Projector at Home
Posted by Kingfish on Sun, 04 Apr 2021 12:18:34 GMT
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Sounds like getting the room set up is the easy part. How does one "make" a projector"?

I'm pretty sure they sell projectors. This would be a great family get together idea.

Subject: Re: Creating a Projector at Home
Posted by Acacia on Thu, 08 Apr 2021 16:44:04 GMT
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If it's the projector itself, I think it'll require some technical skills. In that sense, it could be better to buy one if there's a higher chance of messing with the parts and stuff.

Subject: Re: Creating a Projector at Home
Posted by Becky on Wed, 01 Oct 2025 18:03:11 GMT
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I haven't tried to set up a projector before or have the knowledge of doing so but for a projector to be set up in a room, some technical skills are needed. Calling a technician to set it up will make it easier without spoiling any parts of it.

Subject: Re: Creating a Projector at Home
Posted by Helen on Wed, 15 Oct 2025 05:54:30 GMT
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I can't do everything by myself or have any reason to try things that I know that I never find passion in doing. Setting or creating a projector at home is what I've never done but if I wanted it, I will call an expert to do so for me.

Subject: Re: Creating a Projector at Home
Posted by Hank on Wed, 17 Dec 2025 03:43:05 GMT
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Souldude wrote on Tue, 23 February 2021 12:14It's been a while since we can visit theaters and I've been missing the experience of watching in it. This gave me the thought of making a projector at home but I'm not sure where to start. Has anyone tried making it at home? How was the experience using it?
Hi,

I am making use of a projector that I constructed two years ago and must say it was one of the best decisions that I made.

The image quality is top-notch while the projector brings that home cinema experience.

To build this projector, I had to go beyond the basics by making use of an LCD panel, lenses, and an LED light source. I sourced most of these materials from Aliexpress since they offered a wide range of electronics and parts that one can use to make constructions at home.

Here are the items that I used:

The LCD panel and driver board which cost $150

The Lenses (that's the front and back Fresnel lenses, the projection lens, and the condenser lens) that I spent $60 on.

I made use of the 200W LED as a light source which I spent around $150 to get. Then the cooling fans that were gotten for $40. You need two back fans, 8 small LCD fans, and a dust filter for that.

I used the acrylic sheets for the frame since I wanted top quality. Got nuts, wires, epoxy, black

vinyl wrap, threaded rods, a power socket, HDfury splitter, and some other minor items for the construction.

Building the projector took me around a week to finish because it involved handling each part of the construction with great caution.

If you are interested in making something like this and have the budget to do so because I think you need around 400 to $500 to get the items in the online marketplace. I can now break down the processes that it took for you.

Hank.
