

## Home Cinema Projector- A complete guide

Setting up a theatre in your own resident has never been easier and pocket friendly as it is now. But in most of the projectors, they have to be specifically optimised to the computers or for personal cinemas, and there are very rare ones which can comprise of both. Thus before investing, one needs to take ample care and know about the entire market of home projectors and what are the factors to be checked once you go for a home cinema projector. This is a guide that will help you in the same so that you can consider and find the best in the lot and have a grand cinema back at the comfort of your home itself.

### Resolution- an important aspect

Did you know that even though the standard resolution for any projector camera is 1080p, yet you can opt for a higher resolution in order to get a better viewing experience? With higher resolution you will be able to get sharper images and the quality will be better. Also if the screen size is big and the resolution is the basic one, then the pictures might crack. There are four categories of resolutions: Namely Standard DVD , 1080p, Ultra HD 4K and Native True 4K. Also remember the fact that whatever projection source you are using has to be clear so that the projection can come accordingly.

Projectorpoint is offering an array of projectors to choose from ranging from 1080p projectors to 4k projectors. Every one of these devices are the best for displaying the latest mode of cinematography at the comfort of your own home. In order to know more, just sneak a peek at our range of projectors and in order to know the quotes, you can even call to 08082230318. This will definitely help you to choose better.

### Contrast Ratio-

Contrast Ratio is the next big aspect of any projection camera. This is the ratio amidst the black and white parts of a specific image. If the contrast is high, then the brightness difference will also be high- that is the reason why because of higher contrast, the depth in the picture increases manifold. For example, a ratio of 1000:1 means that the dark is in depth and darker than any other picture. There is a condition known as the light leakage, which most of the projectors have to certain extent. The lesser the leakage is, the lesser is the fading out of the image.

One of the best projection cameras that you can get is Sony VPL-VW1100ES, and it has a contrast ratio of 200,000:1 to 1,000,000:1 which is nothing but incredible. These devices can be rendered as world class and is one of the best till date. Visit our website to get these products!

Ambience is one of the biggest factors on which the contrast ratio depends. Make sure that the room where you are installing the projection camera is pitch black and all the fabrics in the room is completely non- reflective- thus there is a chance of elimination of the contrast light.

## Brightness

The brightness of the projector is not a big deal for the home cinema projectors which are installed in dark rooms but if the room is not dedicated for just that purpose, then it is possible that there might be some leakage of the ambient light. Brightness, which is measured in Lumens, range generally from 1,000- 2,000 while some of the projections range in the middle of 1,800 to 2,400 so you can choose according to your suitability. If you really want to have the feel of real cinema in your home, then you should make sure that there is as less light leakage as possible. The best results come when the projectors with higher brightness comprises of low contrast ratios- specifically when the room has some ambient conditions.

## Projector and Projection Screen Format

The home cinema becomes even more realistic when a projector screen is added to the same. But the kind of screen that you will have will be determined by the image that your projector displays. It has been seen that the standard aspect ratio is 4:3 which is rectangular and means that the picture is 4 units in width and 3 units in height. Also there are a number of aspect ratios like 16:9 or 16:10 which means that you get to choose in accordance to the display picture.

## Projector Screen Size

Now you know a great deal about the projector screen that you would want to have but what about the size of the screen? In this case, you have to understand the fact that a bigger screen size does not necessarily mean that it will be better in quality. In fact it might give the same strain that you receive while being in the front row of a theatre. In comparison to that try having a compatible screen size that is just adequate for the size of the picture displayed by the projector. This will also depend on the kind of distance maintained by the projection camera and the screen and also on the kind of room it is being installed in. In case you have a small room, choose a smaller screen and if you are still in a quandary, try calling us for the ideal options.

## Connectivity

The type of network connection that is given to your projector also determines the kind of image that will be displayed by the same. In case you have high quality network sources like Blu-Ray or Sky HD, then you have to look for the projectors that are HD compatible and will have the HDMI input. If your source is not that particular, then it is an ideal thing to connect your projector via an AVR receiver. All the sources can then be connected to the HDMI cable that is again connected to the AVR. Now you can do the switches via a remote. Wireless is by far the best connecting media as because then you are saved from the hassle of having under floor wiring. But that depends on whether the room is a permanent place of installation of your projector or you are liable to move that frequently.

## Sound

What good is a projector if the perfect sound is not there? In most cases, the projectors do not have in built speakers and even the ones that have are very low in quality. So to turn your room into a picture perfect theatre, it is advisable that you do not depend on the on board speakers and buy a separate set of high quality sound system. For the connectivity, only one HDMI system is ample to carry the audio and the video from the projection source to the AVR.

## Lamp Life

If you are installing a complete set of home theatre, then it would need maintenance in the first place. Most of the projectors consist of a lamp life that ranges between 2,000 to 5,000 hours. If you choose to have some high end device which is entirely professional, you should be getting a lamp life which is greater than this. Here you have to check out the half life of the lamp which is half the brightness than the one while you bought it newly. Choose the one with longer life so that your maintenance cost is less. The costing range of any replacement lamp is around \$100 to \$20 and even that depends on the manufacturer you are buying it from so make sure that you are cleaning the filters regularly so that the lamp life can be increased to a great extent.

If you do buy a spare lamp, then give it a test run and then store it somewhere cool and safe so that you know that the lamp is not a faulty one.

## Still in a quandary?

We understand that all these facts are indeed a lot and it is a hassle to pick just one from the thousands. So in case you have any queries, do not hesitate to call 08082230318 and we will be there at your assistance.