

Are 4k projectors worth it---take Dangbei Mars Pro as an example?

There is an emerging bunch of 4K projectors recently. Are they worth it? Let's take Dangbei Mars Pro as an example



Olympia, Washington Apr 27, 2022 (Issuewire.com) - What does 4K mean?

First, let's start with some common terms for video quality. What is more familiar to us are 480p, 720p, and 1080p, representing the clarity of the video. The same is 4K. The 480p and 720p are almost out of date. 1080p which is called HD(high definition) is now the most widely used because of its relatively low cost. While 4K can be called UHD(ultra high definition), presenting ultra-clear imagery. So, by simply assessing their names, you can guess that there is a significant difference between the two. Hence, 4k resolution is actually 3840 x 2160, whereas 1080p comprises of 1920 x 1080 pixels. Also, it is the pursuit of video enthusiasts. The reason why we call it 4k resolution is because it comes really close to 4000 horizontal pixels. In a traditional sense, the resolution is established depending on the number of vertical pixels. So, in the case of 1080p, there are merely 1080 vertical lines that comprise the high definition resolution. On the other hand, 4k incorporates 2160 pixels vertically. As you can see, there is a noteworthy increase. So, in comparison with 1080p technology, 4k features almost four times the number of pixels on a screen. The difference is massive, which is why the evident winner when it comes to resolution is the 4k projector.

What are 4K projectors?

From its name, we can tell that it is the projector supporting 4K decoding. The videos with 4K clarity can be played smoothly on it. When you try to play a 4K video on the projector, it will not compress the picture quality.

The 4K projectors are actually not very common in the projectors market. There are some popular 4K projectors: EPSON LS11000, BenQ TK700, XGIMI Horizon Pro, and [Dangbei Mars Pro](#).

Let's take [Dangbei Mars Pro](#) as an example. Dangbei Mars Pro, released in 2021, is the first 4K projector by Dangbei and is specialized for overseas users. Except for its incredible brightness of 3,200 ANSI lumens, it features 4K resolution. With formidable clarity and brightness, it stands out in a bunch of 4K smart projectors.

Should I get a 4K projector?

Due to the growing demand for the video industry, the requirements of projector fanciers have also increased. The clarity of the films is indeed higher in the cinema than on our own devices like cell phones, pads, and laptops. That led to the birth of the initiative of home theaters. Movies in the cinema feature high clarity, large imagery, and even 3D video-audio effects. Can a home projector reach these requirements? Where there is demand, there is production. The projector's suppliers will not miss such a big market. There emerged a bunch of smart 4K projectors. The 4K clarity almost doubled the 1080p. The image quality has been promoted a lot. At the same time, the suppliers are trying to lower the cost of 4K chips to get more sales. The 4K will definitely become the mainstream in the nearer future. So should I get a 4K projector? Of course yes! Why not? 4K, even True 4K, is incredibly affordable now compared to how they were in the past several years. The 1080p will be replaced by 4K.

Is 4K the highest clarity?

Actually not. There also exists 8K. While due to the immature tech, the 8K now is enhanced 8K but not true 4K. And the cost of 8K is too high. So there are rare 8K projectors for us to choose from. The price of an 8K projector is approximately \$15,000. In addition to being expensive, 4K resolution is perfectly adequate for the average projector user. And, 8K video is not in the majority on the market. There is no need to get an 8K projector for now.

Frankly, considering the growing popularity of 4K projectors, they are likely to replace older 1080p projectors sooner than you might think. Much like the relationship between 5G and 4G, the trend of 5G replacing 4G is being reflected in many ways. Things with future trends are always going to be better.



Media Contact

Edwina

mall@dangbei.com

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