Dangbei X3 Review: Take the cinema to your home and Enjoy 120 fps action blockbusters

With the accompany of the Dangbei X3 laser projector, the holidays will get much fun! This article will review Dangbei X3 in appearance, brightness, clarity, and other intelligence.



California City, California Apr 22, 2022 (Issuewire.com**)** - With the Covid-19 pandemic getting more and more popular, the moments for holidays are left with snacks, coke, gaming, sleeping, and also cell phones. I decided to find some fun for myself. I decided to unlock a new posture - I got a Dangbei X3 laser projector! With the accompany of the Dangbei X3 laser projector to make happiness even happier.

Let’s take a look at its appearance.

With dimensions of 25*20*17.8mm, Dangbei X3 adopts a mini size in such bulk projectors in the market. Such a mini size saves a lot for my room space. I will not consider the hassle of finding a specific position for it. The side of the projector is wrapped with black aviation aluminum material, and the front has a suspended design. The top is covered with a piece of 2.5D glass, such as a piece of crystal clear gem. Of course, this material is unavoidable from fingerprints. There is a High-precision light sensor on the top, which is coupled with AI photosensitive technology and can automatically adjust the brightness.

And this projector offers plenty of inputs including USB 2.0 ports, 3.5 mm Earphone port, HDMI (eARC) ports, S/PDIF out, and RJ45 LAN port, which breaks the limitation of X3 usage scenarios and satisfies the lossless connection of computers, game consoles, and audio and video equipment. I think the X3 can save the network cable port, after all, it supports 2.4G/5G dual-band WiFi, so loading 4K movies is also relatively fast.

Then is about the Boot-up experience.

When I turn on the projector, what surprised me is that it omitted boot-up ads. What a great thing! This is a "non-mainstream" existence at a time when advertising is all over the place. The main interface is simple and intuitive, and supports interface customization, allowing you to delete/top modules and other operations according to your personal preferences.

Brightness is a vital factor to test whether a projector product is advantageous, but also its main pain point. Dangbei X3 uses ALDP laser light source. Compared to traditional LED projectors, the color is purer and the color gamut is wider. Besides, the brightness is up to 3200 ANSI lumens, almost acting as the first example of a home projector product. From the picture below, we can tall that Dangbei X3 can even enlighten the whole room.

If you pay attention, you will find that some projectors are displayed without the effect of pictures taken during the daytime. To give you a real reference, I have provided projection pictures in a well-lit indoor environment. Figure 1 is the effect of opening the curtains; Figure 2 is the effect of closing the curtains. To clarify, the reason why the lower right corner of Figure 1 appears suspiciously not bright enough is that I deliberately adjust the shutter speed, thereby increasing the light into the position and reducing the brightness of the rest. The reason why I dare to shoot this way is that I have enough confidence in the Dangbei X3 hard brightness performance.

The Dangbei X3 laser projector is powered by the MT9669 high-performance chip and supports AI image quality enhancement technology as well as HDR10+, which automatically optimizes picture saturation, brightness, and clarity. Compared to the original image, the Dangbei X3 projects a 4K picture with high color reproduction, and the details at the edges are not neutered even after zooming in.

The Dangbay X3 is paired with a ToF laser sensor. With a simple setting to auto-live focus/keystone correction, the X3 can quickly and accurately make the proper adjustments when moving the angle of the projector. It also automatically recognizes and adjusts to the right size when it encounters obstructions such as wall switches so that the picture remains intact at all times.

Other aspects

There are some thoughtful intelligent designs of Dangbei X3.

- MEMC Motion Compensation

The motion compensation function is an algorithm to improve the smoothness of the picture. It processes the original 24 fps video into 60 or even 120 fps, thus avoiding problems such as picture shake, ghosting, and smearing. It also supports global 3D playback. If you can take advantage of these two features, it is a source of joy for certain action movies.

- Built-in Dual 10W full-range speakers

Coupled with 10W full-range speakers, the 3D performance will work best. You can enjoy a 3D movie at your home if you can't go out to the cinema to see a movie.

- Smart screen off function

Many people worry that the laser beam would damage their eyes cause the laser beam is bright and strong. When someone is close to the projector light source, it will instantly shut down the screen to avoid direct light to the eyes. In addition, the projector adopts the principle of diffuse reflection imaging, which can reduce eye irritation and make it easier to watch movies for a long time.

Can a projector replace a TV?

Nowadays, many young people will consider using a projector instead of a TV when buying home appliances for their new homes.

My advice is: be practical and don't blindly follow the trend.

Personally, I think the obvious advantages of a projector are:

- the ease of use scenario.
- small footprint.
- the price is appropriate.

To sum up, when you need to choose a projector, the room space and the budget should be taken into consideration.







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