LED PROJECTOR

PH58

For consumers purchasing our products

We are so grateful for your choosing our LED projectors of PH series.

We value your business and always attempt to provide you with the very best of service.

Our LED projectors for household use have been leading the domestic market since we went into it. With the application of 6 basic industrial proprietary technologies including the proprietary totally-enclosed optical engine and the proprietary heat dissipation technique, the products perform well in operating. Our quick, thoughtful and responsible after-sale service, makes us well known in the domestic consumer electronic industry and the professional lighting and audio field and widely accepted by customers.

Please read this manual before operating the LED projector, and keep it for reference. If there are any changes in the products, the actual goods shall be the standard ones and no further information will be provided on this guide.

Safety notice:

Notice: please read this guide before you start to use it, which can help you to use it in a proper way. Please keep it well after you finish reading it for future reference.

In case the bright light from the inside of camera lens does harm to you eyes, please don't gaze head-on at camera lens while the projector is working.

In case the projector breaks down because of overheating, please make sure that the inlet and the outlet are not blocked up while it is working or heat-dissipating.

In case electric shock incidents occur, please keep this projector away from rain and moisture. Please keep it away from inflammable goods to avoid incidents of fire and electric shocks. The projector should be put in an airy, dry and dust-free place, and be kept steady and free from heat source, radiation and frequent movement.

Please don't take apart any parts inside the projectors because the dangerous high pressure inside the projector may do great harm to you, and so you are not supposed to repair it by yourself but to leave it to the maintenance technicians with qualification certificate. Our company will not be responsible for any incidents caused by users' taking apart or assembling the projector.

Please don't put anything into the ventilation slot of the projector, or incidents of electric appliance circuit and electric shocks will take place, which will do harm to people and the projector.

In case children are choked to death when they put heads into the plastic bags, please put the plastic package of the projector, accessory and other parts in a place out of the reach of children, to which families with children should pay more attention.

Brief introduction of the products

Features:

The product is outstanding among LED projectors, and it is your home theatre. Conventional projectors are usually used in offices and assembly rooms but seldom applied to home theatre. Conventional projectors are not design for domestic use, but now the age of domestic projectors with powerful multimedia functions and revolutionary LED technology is coming and it will bring you a highly bright digital visual world.

Reasonable price with good performance and long service life

The service life of conventional lamp filaments is 2 000—3 000 hours; the service life of conventional single-chip LCD projector' lamp is 6 000 hours; while the LED can work 20 000 hours, with which serves as the source of light, you will have enough time to enjoy what you want.

The LED lamp emits light in an environment-friendly and energy-saving way.

Compared with projectors with halogen lamps emitting light, the projector with highly bright LED emitting light not only lessens the number of bulbs when they are changed but also saves energy of 75 percent. It is harmless to environment and low in cost. Moreover, it can be changed from normal pattern to economic pattern, which can save energy electronically to an amazing degree.

It can be turned on and off straight at any time.

There will be no time wasted for the preheating of the projector before it starts to work. It is ready for working at any moment. Besides, it can be powered off at any time without waiting to be cooled.

It works with a low temperature and without loud noise.

The lighting engine is highly efficient. Compared with conventional projectors, the projector of our company works in a low-temperature environment and so it does not rely on powerful cooling fans.

The noise made by the projectors of PH series is below 28Db.

Its HD is compatible and ready.

The projector applies the newest image processor and the high-resolution LCD panels, which can provide you with perfect picture under the condition that HD is compatible and ready.

Tuning of digital TV and tuning of cable TV

As one of the leading group in home-theatre projectors, we apply the newest technology in television industry.

With the development of digital TV, you can watch digital TV programs in any place as long as there are digital TV signals.

It is sure that sometimes you have to choose cable TV.

One year overall warranty and guarantee of 20 000-hour service life

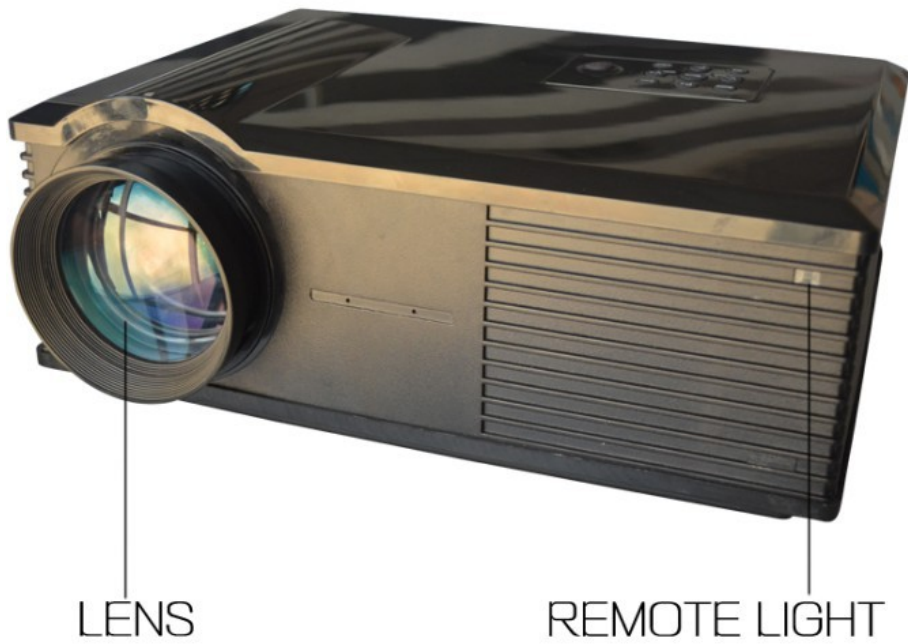Overall warranty standard is 1 years and nationally-wide maintenance service is provided.

Most manufactures are not up to the standard in terms of projector and bulb warranty because they only provide a 6-month warranty or a guarantee of 2 000-hour service life of the bulb. We believe that we can lengthen the service life of our projector for users. One-year overall warranty and the guarantee of 20 000-hour bulb service life is over the world-wide common projector maintenance standard.

Tips: One-year overall warranty and the guarantee of 20 000-hour bulb service life is pioneering in warranty.
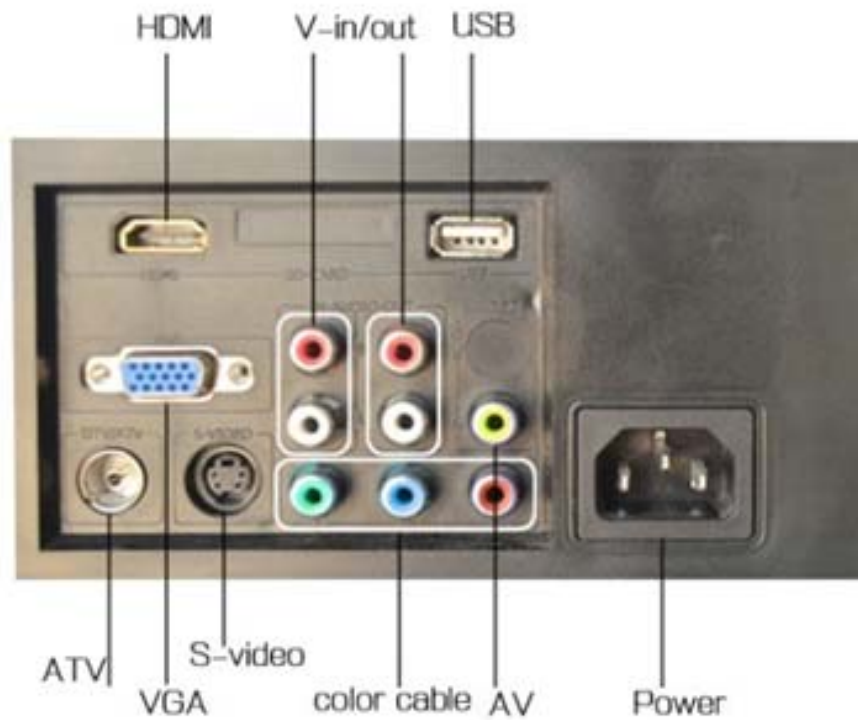
LED optical engine

Highly efficient proprietary LED optical engine contributes to the full use of light given out by LED lamp, and that is why we can keep low consumption balance with high brightness. LED projectors of other brands, or even of famous brands are not up to this level in technology. In a bright room our projector can project a 50-inch clear and visible picture with distinct and bright colors.
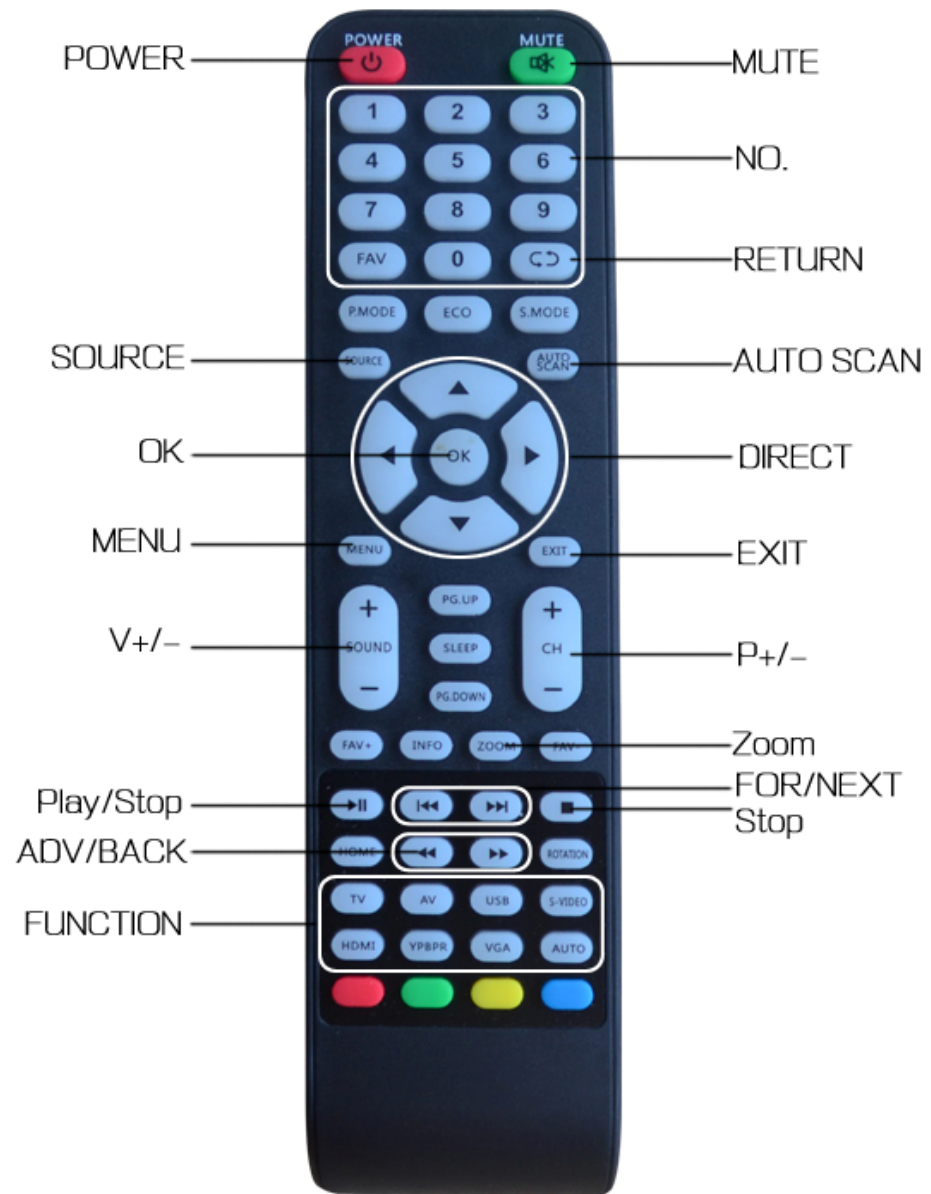
External appearance

LENS   REMOTE LIGHT

Connector panel

HDMI   V-in/out   USB

ATV   VGA   S-video   color cable   AV   Power

The introduction of controller

POWER —————————— POWER

MUTE —————————— MUTE

NO.

RETURN

SOURCE —————————— SOURCE

AUTO SCAN

OK —————————— OK

DIRECT

MENU —————————— MENU

EXIT —————————— EXIT

V+/— —————————— SOUND

P+/—

Zoom

FOR/NEXT
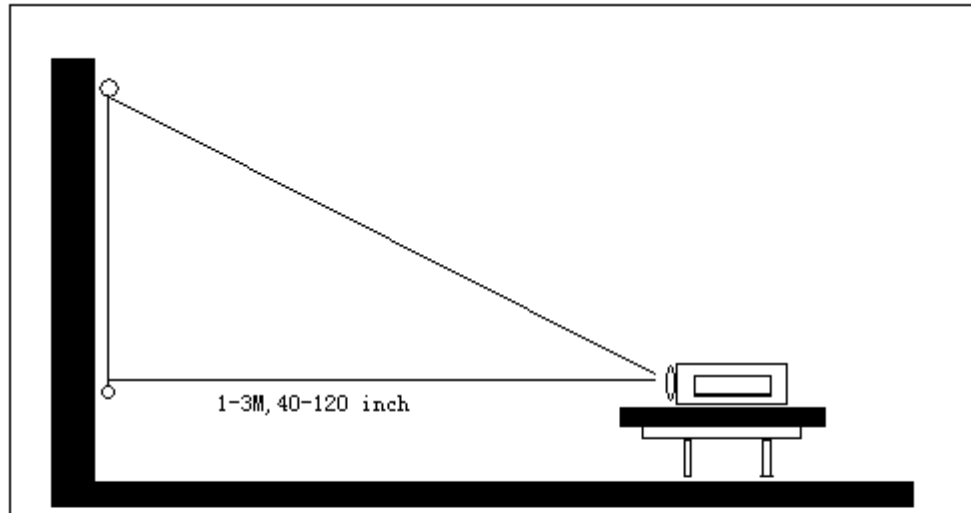
Play/Stop

Stop

ADV/BACK

FUNCTION

Positioning of the projector

First chose a place to install the screen.

The relation of the projector and the screen is shown as follows:

Please ensure that the lower edge of the screen is at the same height to the centre of the projector's camera lens.

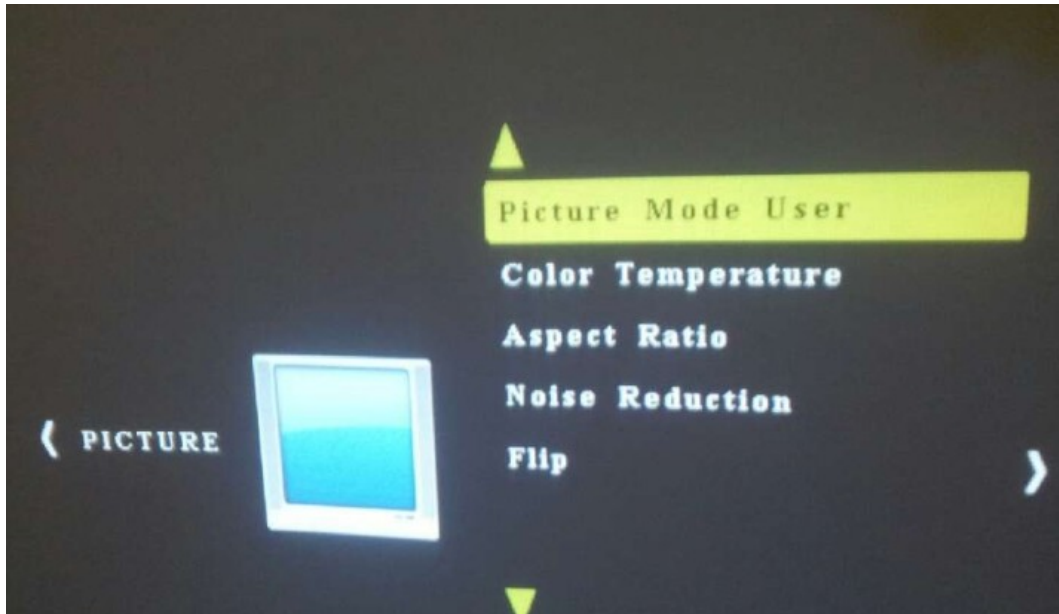Relation between the image and the distance from the projector to the screen

Image size	distance from the projector to the screen
40 inches	2.31 metres
72 inches	2.72 metres
84 inches	3.06 metres
100 inches	3.59 metres
120 inches	4.22 metres

You can choose the position for the projector according to your preference, and before installing the projector you should take into consideration the screen size and position, proper position for the outlet and the corresponding position and distance between the projector and other devices.

Functions

1. Image

Press MENU to enter image setting and it will occur: standard image mode, color temperature, scale mode, noise reduction, computer setting and digital keystone correction.
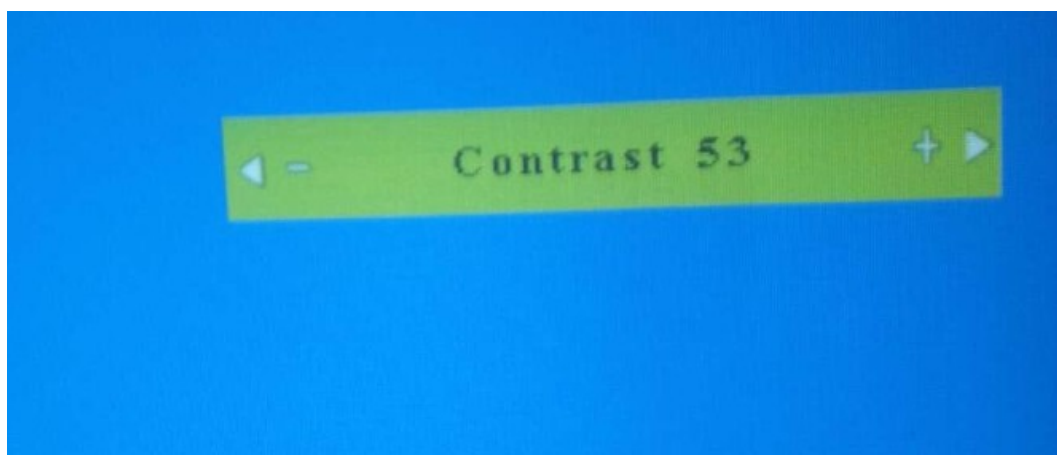

Select the options to be regulated and press OK to enter. Then press V+ or V- to regulate. To regulate contrast ratio, press to choose the option of contrast ratio.

Press V+ (become higher) or V- (become lower): press MENU to return to the previous menu.
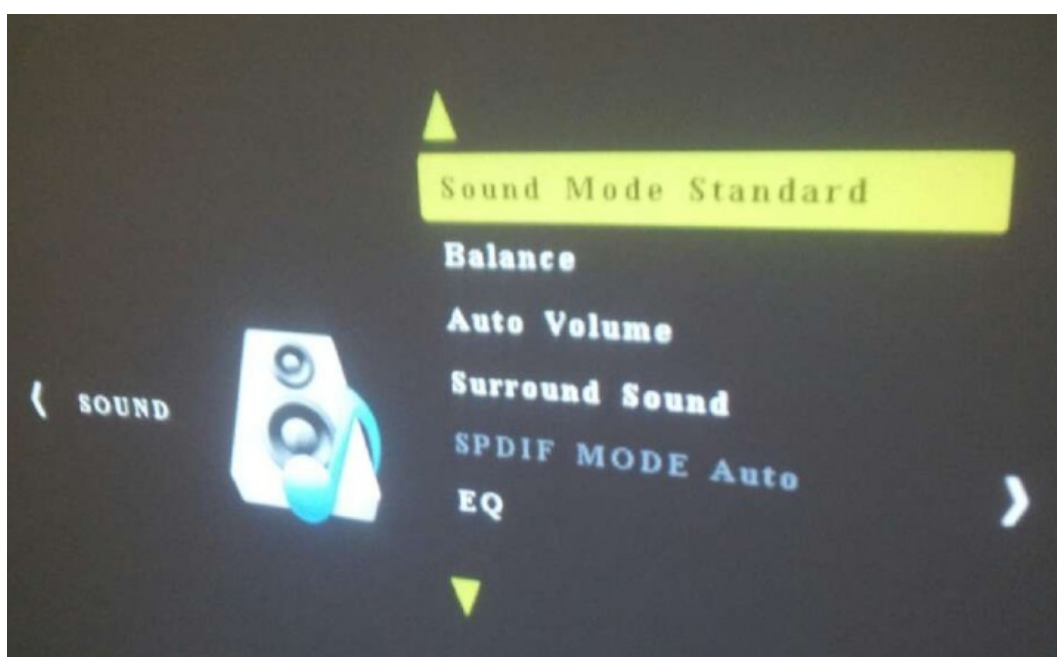
Press P- to select options to be regulated and then press V+ or V- to regulate. Press the option of luminance to regulate image luminance.

Then press V+ (become higher) or V- (become lower): press MENU to return to the previous menu.

2.Voice

Press MENU and then V+ (twice), you'll see the preferred option to set voice; then press OK to select and MENU to return to the previous menu.

3. Time

Press MENU and V+ (three times), you'll see time mode. Then press P- to select options you'd like to choose and OK to enter. Press MENU to log out.

After entering this menu, you can press up/down keys to select language menu, factory reset, menu transparency and menu timeout. Press up/down key to regulate sub-menu.

4. Setting

Press MENU and V+ (four times), you'll see time mode. Then press P- to select options you'd like to choose and OK to enter. Press MENU to log out.

5. Entertaining

Press MENU and V+ (five times), you'll see entertainment mode. After multimedia occur, press OK to enter USB functions directly.

6. Channels

Press MENU and V+ (six times), you'll see channel mode. After multimedia occur, press OK to enter USB functions directly.

Signal selection:

Caution: Whatever devices you use, it's necessary to select related signal source. (If you want to select Android, press Android signal and OK to enter. After connecting to Android, you can use infinite WIFI functions).

Simple Troubleshooting

It's very easy to operate this projector and you'll have no difficulty in using it. Sometimes, malfunction illusion will occur in operation.In this case, you can refer to the following table to remove trouble. If you cannot remove trouble finally, never dismount any parts from projectors; if you want to change any part, please contact dealers. There is no need to maintain your projector and all you can do is to clean lens.

Trouble phenomenon	Trouble analysis	Troubleshooting
It doesn't work after switching on power and indicator lamp isn't bright.	※ Do power plugs connect firmly with electricity? ※ Do power flashboard and projector switch open? ※ Do protective tubes in projectors and power flashboard burn out?	※ Check all switches and jacks. ※ Check and change protective tube.
It cannot start after pressing Startup & Shutdown.	※ Are remote controls installed correctly? Does battery have electricity? ※ Is there any barrier to shield between remote controls and reception window of projectors? ※ Do remote controls exceed angle scope of remote control receiving?	※ Correctly install battery with electricity. ※ Remove barriers. ※ Remote control within scope of 6 meters.
No image in projection pictures.	※ Does video source open? ※ Does it connect to output device correctly? ※ Is input signal correctly selected? ※ Does lean cover open?	※ Open video source. ※ Check connection. ※ Select correct input source from Input Source in the menu.
Abnormal images: interference, abnormal color, abnormal image location and size, image blurring.	※ Whether signal wire is normal? Whether extension cord is used? ※ Whether menu adjustment is appropriate? ※ Whether lens is focused? ※ Whether your projector and screen align?	※ Check signal source. ※ Regulate according to menu instruction. ※ Use focus-regulating ring to regulate lens focus. ※ Regulate projector's angle, direction and height.

Resolution ratio is set as 1280*800 and refresh rate as 60HZ. Whether video card support dual display?

Notes:

✧ If the indicator light on its cover appears green and flickering, your projector is in normal mode. If you don't want the green light flicker, press Nor/Eco to enter economic mode.

✧ As for minor defects on the screen such as red, green or blue ones, it will never influence the performance of display.

✧ At present, digital TV signal in China hasn't unified and needs Set Top Box. The operating mode of analog TV is to connect antenna of cable TV to TV port of projector. Use power wire to connect power and projector and hen press power switch. Press SOURCE on the cover or remote control to select TV option. Due to different TV signal in different regions, you have to set when connecting cable TV for the first time.

✧ When connecting the computer, use D-USB (VGA) wire to connect VGA output plughole and VGA interface of the projector.

Connect power to the projector and press the power to open it. Select VGA option from MENU on keyboard plate or Source on the remote control. Caution: before operating the abovementioned procedures, you need to turn on your computer, set its resolution ratio as 1280*768 and refresh rate as 60 HZ and then notice whether your video card support dual display.

PH58 technical parameters

Model	PH58
Projection Scheme	V69
Optical Engine	Technology of single LCD+LED
Additional Functions	Electronic keystone correction Built-in 4.2 Android
Physical Resolution	1280*800
Extra Functions	Built-in 4.2 Android
Image Scale	4：3/ 16：9
High-Definition Video Compatibility	High-definition video compatibility
Luminance	3200Lumen
Projection Lens	Five-plate import glass
Lens Type	Manual focus, full glass and five-plate professional projection lens
Image Size	40"—120"
Projection Light Source	LED
Types of Projection Lamp	Top LED illuminant, produced by CREE in America
Service Life of Projection Lamp	20,000 hours
Input Port	S terminal, TV, AV, computer, USB and high-definition
Chromatic Aberration	√
Video Signal of Computer	√
Composite Video	√

High-Definition Multimedia Interface	√
Y/C Separation Signal	√
Analogue TV	√
USB	√
Video Input	AVI, Mpg, RM, RMVB, 3GP, MP4, AMV, VCD, SVCD, DVD, XVID, DivX, ASF, WMV, SWF, IPOD, PSP, GIF, MJPEG,
Video Output	Yes
Keystone Correction	Vertical: ±40
Image mode	Cinema, motion, nature, and custom setting
Total Power	115W
Noise	Less than 28 decibel
Complete Projector	1years
Lamps and LCD	1 years