

CHiQ

Seeing Future

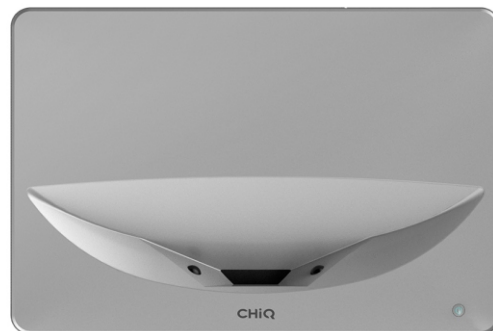
Laser Display CHiQ B5U

Eye Protection Next Generation Display 100" 4K UHD

Laser, the future of display technology

CHiQ B5U projects a massive screen up to 100" on the wall, with color gamut 115% BT.709 and gorgeous 4K resolution

it makes your home a private, top class cinema, where a good place for family time, with diffuse reflection projection technology, it protects eyes compared with traditional direct light LED TV.



Eye & Ear Protection

- Harmless diffuse reflection light protects eyes from TV direct light.
- Eye protection body sensor avoid conceivable dangers.
- Create a healthy environment with 32dB low machine noise.

Super Bright and True Color

- High brightness 1900lm makes image clear.
- Pure laser source & wide color gamut 115% BT.709, guarantee true nature color.

Super Large

- American DLP digital optical imaging technology, create cinema image quality with pure color.
- Projection screen size adjustable, up to 150" giant screen makes you enjoy cinema film at home.

Super Long Lifetime

- 25000 hours super long lifetime
- Sealed optical machine together with honeycomb dust filter guarantees long using time

Laser Display CHIQ B5U

Optical Parameters

Light Source: Laser
Display: DLP (digital lighting process)
DMD Chip: 0.47"
Color Gamut: 115% BT.709
Display Size: 100" (80-150" adjustable)
Throw Ratio: 0.21
Brightness: 1900 lm
Resolution: 3840 x 2160
Contrast: 15000:1
Light Source lifetime: 25000 hours

Electrical Parameters

Voltage: AC100-240V, 50-60Hz
Power Consumption: 260W (W/O audio)
Noise: TYP 32dB (2m, A)

System Parameters

Operating System: Android8.0
CPU: Cortex 73 /Duo-core+ Cortex 53/Duo-core (1.7GHz)
GPU: Mail-G51/Duo-core
RAM: 3GB
Storage: 64GB EMMC
Refresh Frequency: 60Hz

Image Quality

Motion Compensation: MEMC
Video Decoding(USB Support): TS, AVI, MPG, MKV
MOV, MP4 etc.
Picture Format(USB Support): JPEG, PNG, BMP etc.

Sound Parameters

Audio Decoding: MP3, DOLBY AUDIO etc
Built-in Speaker: 10W*2

Interface

Input: USB2.0*2, HDMI2.0*1(Port 1), HDMI2.0*1(ARC, Port 2), VGA, Audio input(L/R, ϕ 3.5mm), RJ45
Output: Digital audio output (coaxial)
Analog audio output(L/R, ϕ 3.5mm)

Internet

Connectivity: Wireless + cable

Interactive Device

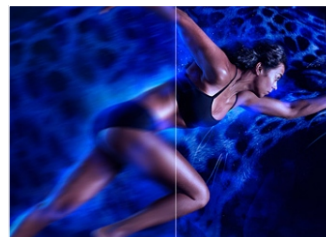
WiFi: IEEE 802.11a/b/g/n/ac, 2.4GHz/5GHz Dual Frequency
Multi-Screen Interaction: Support
Blue Tooth: 2.1/4.2/5.0
DLAN: Support

Laser Projector

Color: Silver grey
Material: PC+ABS+One Body Metal Mesh
Size: 485*325*135mm
Net Weight: Appox. 10.25Kg
Projection Mode: Front desk, Rear desk, Front ceiling mounted, Rear ceiling mounted
Focusing: Motor Focusing

Package

Inner Box Size: 610*460*350mm
Outer Canton: 625*475*380mm
Gross Weight: 13.9Kg
List of Items: Laser Projector(1 pcs), Manual(1 pcs), Power Cord(1 pcs), Remote Control(1 pcs), Screw(4 pcs), Battery AAA(1 pair)



MEMC



Color Gamut 115%

Contact us
Herman **0086-13890150613**
hengping.xu@changhong.com
Alex **0086-19981109929**
jun2.liang@changhong.com
or visit **laser.changhong.com**

Sichuan Changhong Electric Co., Ltd.
Changhong Laser Display
No.186 Middle Section of Mianzhou Road,
Mianyang, Sichuan, China. 621000

© 2019 Sichuan Changhong Electric Co., Ltd (四川长虹电器股份有限公司)
— All rights reserved.

Changhong's policy is keeping improving products. We reserve the right to alter design and/or specifications without notice.