

CHANGHONG

Make your imagination fly

Laser Display CHIQ A5U

Eye Protection Next Generation TV 100" 4K UHD

Laser, the future of display technology
CHIQ A5U projects a massive screen up to 100" on the wall, with color gamut 130% 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 26dB low machine noise.

Super Bright and True Color

- High brightness 350nit@100" makes image clear.
- Pure laser source & wide color gamut $\geq 130\%$ guarantee true nature color.

Super Large

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

Super Long Lifespan

- 25000 hours super long lifespan
- Sealed optical machine together with honeycomb dust filter guarantee long using time

Laser Display Changhong A5U

Optical Parameters

Light Source: Laser
Display: DLP (digital lighting process)
DMD Chip: ECD S410 0.47" 4K
Color Gamut: 130%
Display Size: 100" (80-150" adjustable)
Throw Ratio: 0.21
Brightness: 350nit@100"
Resolution: 3840 x 2160
Contrast: 15000:1
Light Source lifetime: 25000 hours

Electrical Parameters

Voltage: AC100-240V 50/60Hz
Power Consumption: 310W (W/O audio)
Standby Power Consumption: 0.5W
Noise: 33dB(A) 2m

System Parameters

Operating System: Android
CPU: Cortex 73/Duo-Core+Cortex 53/Duo-Core (1.7GHz)
GPU: Mail-G51/Duo-core
RAM: 3GB DDR3
Storage: 64GB EMMC
Refresh Frequency: 60Hz

Image Quality

Motion Compensation: 4K 60HZ MEMC
Video Decoding(USB Support): MPEG2, MPEG4, H.264/H.265, RM/RMVB etc.
H.265/VP9 Decoding: Support
Picture Format(USB Support): JPG, PNG, BMP etc.

Sound Parameters

Audio Decoding: MPEG1/2, Layer1/2, Mp3, Dolby(AC-3), AAC, HE-AAC
Built-in Speaker: 5W*1
External Speakers: 20W*2

Interface

Input: USB2.0*2, HDMI2.0*2, VGA,
VGA audio input(L/R, ϕ 3.5mm), RJ45, Factory testing
Output: Digital audio output (coaxial),
Audio output(L/R, ϕ 3.5mm), Passive audio R/L

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: Support
DLAN: Support

Laser Projector

Color: White
Material: PC+ABS
Size: ϕ 480*171.5mm
Net Weight: Appox. 9.3Kg
Projection Mode: Front Desk, Rear Desk, Front/Ceiling Mounted, Rear/Ceiling Mounted
Focusing: Motor Focusing

Package

Package Size: 640*580*410mm
Gross Weight: 16.5Kg
List of Items: Laser Projector(1 pcs), Manual(1 pcs), Power Cord(1 pcs), Audio(1 pair), HDMI cable(1 pcs), Remote Control(1 pcs), Screw(4 pcs), Battery AAA(1 pair)



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