

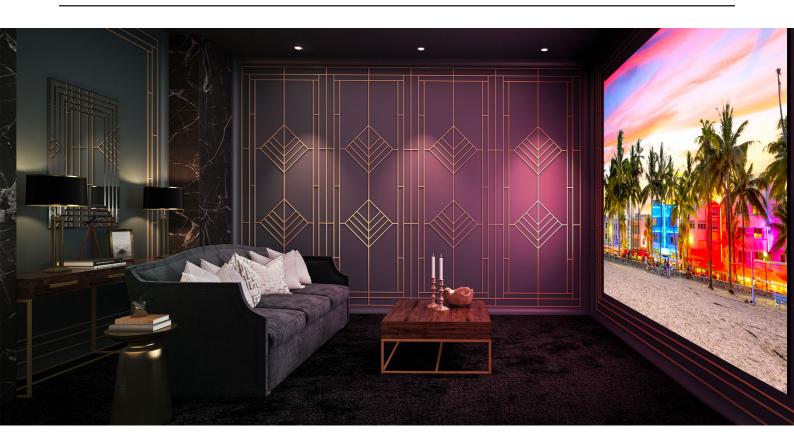
## UHD51A

Alexa supported 4K Ultra HD projector









- 4K UHD resolution and HDR compatible
- Amazing colour accurate 100% Rec.709 colours, 2400 ANSI lumens
- Voice control Amazon Alexa supported device
- Feature packed Built in media player, Wireless and PureMotion

Immerse yourself in a world of Ultra HD. The UHD51A delivers the ultimate in smart home entertainment with impressive 4K cinema quality images and support for Alexa voice control. You can now enjoy accurate colours, crystal clear detail, and sparkling contrast for a stunning, immersive experience.



## **Specifications**

Operating system compatibility

LAN - wireless networking

Power consumption (min)

Power consumption (max)

Weight and dimensions

Networking LAN - control

Power supply Power consumption

Power

(standby)

Net weight Dimensions (W x D x H)

mm

Resolution	Display/image	
2,400   Lumens	Display technology	DLP
Contrast ratio  Native aspect ratio	Resolution	UHD (3840x2160)
Native aspect ratio	Brightness	2,400 lumens
Aspect ratio - compatible Horizontal scan rate Horizontal scan rate Vertical scan rate Vertical scan rate 24 ~ 120Hz Uniformity 75% Screen size 0.87m ~ 7.68m (34.1* ~ 302.4*) (diagonal)  Lamp info Light source type Lamp watts 240 Lamp life (hours) 4000 (Bright), 15000 (Dynamic), 10000 (Eco)  Optical Throw ratio 1.21:1 - 1.59:1 Projection distance (m) 1.3 Zoom 1.3 Zoom type Manual Focal length (mm) Lens shift Vertical +10% Native offset 105%  Connectivity Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General Noise level (typical) PC compatibility UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, MGA 480/P, 576/PG, 720(PG0/G0Hz), 1080(FG0/G0Hz), 1080(FG0/G0Hz), 1080(FG0/G0Hz), 2160p(50/G0Hz), 2160p(50/G0Hz), 2160p(50/G0Hz), 2160p(50/G0Hz), 2160p(50/G0Hz), 1080p(50/G0Hz), 1080p(50/G0Hz)	Contrast ratio	500,000:1
Horizontal scan rate Vertical scan rate Vertical scan rate 24 ~ 120Hz Uniformity 75% Screen size 0.87m ~ 7.68m (34.1* ~ 302.4*) (diagonal)  Lamp info Light source type Lamp watts 240 Lamp life (hours)  Optical Throw ratio Projection distance (m) 1.2m - 8.1m Zoom 1.3 Zoom type Manual Zoom 1.3 Zoom type Manual Lens shift Vertical +10% Native offset  Connectivity Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General Noise level (typical) PC compatibility UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, VGA, VGA, VGA, VGA, VGA, VGA,	Native aspect ratio	16:9
Horizontal scan rate Vertical scan rate Vertical scan rate 24 ~ 120Hz Uniformity 75% Screen size 0.87m ~ 7.68m (34.1* ~ 302.4*) (diagonal)  Lamp info Light source type Lamp watts 240 Lamp life (hours)  Optical Throw ratio Projection distance (m) 1.2m - 8.1m Zoom 1.3 Zoom type Manual Zoom 1.3 Zoom type Manual Lens shift Vertical +10% Native offset  Connectivity Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General Noise level (typical) PC compatibility UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, VGA, VGA, VGA, VGA, VGA, VGA,	Aspect ratio - compatible	4:3
Uniformity Screen size  0.87m ~ 7.68m (34.1" ~ 302.4") (diagonal)  Lamp Info Light source type Lamp watts 240  Lamp life (hours)  Optical Throw ratio Projection distance (m) 2com 1.3 2com type Manual Focal length (mm) Lens shift Vertical +10% Native offset  Connectivity Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General Noise level (typical) PC compatibility  UHD, WOHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac 480/PD, 576/PD, 720p/50/60Hz), 1080p/50/60Hz), 1080p/50/60Hz), 1080p/50/60Hz), 1080p/50/60Hz), 1080p/50/60Hz) Sceurity Sceurity Sceurity Sceurity Sceurity Sceurity Security	Horizontal scan rate	31 ~ 135Khz
Connectivity	Vertical scan rate	24 ~ 120Hz
Connectivity		75%
Lamp info         Light source type         Lamp watts         240           Lamp watts         240         4000 (Bright), 15000 (Dynamic), 10000 (Eco)           Optical         Throw ratio         1.21:1 - 1.59:1           Projection distance (m)         1.2m - 8.1m           Zoom         1.3         2.2com           Zoom type         Manual           Focal length (mm)         12.81 ~ 16.74           Lens shift         Vertical +10%           Native offset         105%           Connectivity           Connections         Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm 1 x S/PDIF, 1 x USB-A power 1.5A           Lamp         Control 1 x USB-A service, 1 x RS232, 1 x RU45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa           General         Noise level (typical)         25dB           PC compatibility         UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac         22D compatibility         25dB           PC compatibility         21080p(50/60Hz), 2160p(50/60Hz), 1080l(50/60Hz), 1080l(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 21	Screen size	0.87m ~ 7.68m (34.1" ~ 302.4") (diagonal)
Lamp watts 240  Lamp life (hours) 4000 (Bright), 15000 (Dynamic), 10000 (Eco)  Optical  Throw ratio 1.21:1 - 1.59:1  Projection distance (m) 1.2m - 8.1m  Zoom 4.3  Zoom type Manual  Focal length (mm) 12.81 ~ 16.74  Lens shift Vertical +10%  Native offset 105%  Connectivity  Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm  Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A  Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/Wireless, 1 x USB-A wireless Alexa  General  Noise level (typical)  PC compatibility UHD, WOHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac  480/rp, 576/rp, 720;650/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz),	Lamp info	
Lamp watts 240  Lamp life (hours) 4000 (Bright), 15000 (Dynamic), 10000 (Eco)  Optical  Throw ratio 1.21:1 - 1.59:1  Projection distance (m) 1.2 m - 8.1 m  Zoom 1.3  Zoom type Manual  Focal length (mm) 12.81 ~ 16.74  Lens shift Vertical +10%  Native offset 105%  Connectivity  Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5 mm  Outputs 1 x Audio 3.5 mm, 1 x S/PDIF, 1 x USB-A power 1.5 A  Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General  Noise level (typical)  PC compatibility UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, WGA, Mac  480/p, 576/p, 720p(50/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz)  SD compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60  Full 3D  Security	•	Lamp
August   A		
Optical         1.21:1 - 1.59:1           Throw ratio         1.2m - 8.1m           Zoom         1.3           Zoom type         Manual           Focal length (mm)         12.81 ~ 16.74           Lens shift         Vertical +10%           Native offset         105%           Connectivity         Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm           Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A         Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa           General         Vertical +10, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac           480/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz)           3D         Full 3D           Security         Security bar, Kensington Lock, Password protected interfactors, Portuguese, Russian, Chinese (simplified), Spanish           OSD / display languages         10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish           OPerating conditions         5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m           Remote control         Backlit home remote           Watts per speaker         5W           In the box         Lens cap AC power cord Remote control	•	
1.21:1 - 1.59:1   1.2m - 8.1m   1.2m - 16.74   1.2m - 16.75   1.2m - 16.2m - 1		(=.:9,:4), (=),, (=)
Projection distance (m)	Throw ratio	1.21:1 - 1.59:1
1.3   Manual		
Zoom type  Manual Focal length (mm)  Lens shift  Vertical +10%  Native offset  105%  Connectivity  Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm  Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A  Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General  Noise level (typical)  PC compatibility  UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac  480/p, 576/p, 720p(50/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz)  3D compatibility  Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60  Full 3D  Security  Security bar, Kensington Lock, Password protected interface 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Operating conditions  Remote control  Speaker count  2  Watts per speaker  In the box  Lens cap AC power cord Remote control	. ,	
12.81 ~ 16.74		
Vertical +10%		
Native offset		
Connectivity Connections  Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A Control 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General Noise level (typical) PC compatibility UHD, WOHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac 2D compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Ver-Under: 1080p24, 720p50 / 60 Full 3D Security Security bar, Kensington Lock, Password protected interface OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Lens cap AC power cord Remote control		
Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm		10070
trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless Alexa  General  Noise level (typical)  PC compatibility  UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac  480/p, 576/p, 720p(50/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz)  3D compatibility  Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60  Full 3D  Security  Security bar, Kensington Lock, Password protected interfact 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Operating conditions  S°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Remote control  Backlit home remote  Speaker count  2  Watts per speaker  5W  Lens cap  AC power cord  Remote control	Connections	3.5mm <b>Outputs</b> 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A
Noise level (typical)  PC compatibility  UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, WGA, HD, XGA, SVGA, WGA, Mac  480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz)  3D compatibility  Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Forame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60  Full 3D  Security  Security bar, Kensington Lock, Password protected interface  OSD / display languages  10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Operating conditions  5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Backlit home remote  Speaker count  2  Watts per speaker  In the box  Lens cap  AC power cord  Remote control		trigger, 1 x USB-A reader/wireless, 1 x USB-A wireless
PC compatibility  UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac  480/p, 576/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz), 2160p(50/60Hz)  3D compatibility  Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60  Full 3D  Security Dar, Kensington Lock, Password protected interface OSD / display languages  10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Departing conditions  5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Backlit home remote  Speaker count  2  Watts per speaker  In the box  Lens cap  AC power cord  Remote control	General	
XGA, SVGA, VGA, Mac	Noise level (typical)	25dB
1080p(50/60Hz), 2160p(50/60Hz)  3D compatibility  Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D  Security  Security bar, Kensington Lock, Password protected interface OSD / display languages  10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Operating conditions  S°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Backlit home remote  Speaker count  2  Watts per speaker  In the box  Lens cap  AC power cord  Remote control	PC compatibility	
1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 3D Full 3D Security Security bar, Kensington Lock, Password protected interface OSD / display languages 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Operating conditions 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Backlit home remote Speaker count 2 Watts per speaker 5W In the box Lens cap AC power cord Remote control	2D compatibility	
Security Security Security bar, Kensington Lock, Password protected interface  OSD / display languages 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Operating conditions 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Backlit home remote  Speaker count 2  Watts per speaker In the box Lens cap AC power cord Remote control	3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
OSD / display languages  10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish  Operating conditions  6°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Backlit home remote  Speaker count  2  Watts per speaker  In the box  Lens cap  AC power cord  Remote control	3D	Full 3D
Portuguese, Russian, Chinese (simplified), Spanish  5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Remote control  Backlit home remote  2  Watts per speaker  In the box  AC power cord Remote control	Security	Security bar, Kensington Lock, Password protected interface
Operating conditions  5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  Backlit home remote  Speaker count  2 Watts per speaker In the box  AC power cord Remote control	OSD / display languages	
Remote control Backlit home remote  Speaker count 2 Watts per speaker 5W In the box Lens cap AC power cord Remote control	Operating conditions	
Watts per speaker 5W Lens cap AC power cord Remote control	Remote control	
Watts per speaker 5W In the box Lens cap AC power cord Remote control	Speaker count	2
In the box  Lens cap  AC power cord  Remote control	•	
AC power cord Remote control	In the box	
O A . A		
2x AAA batteries Basic user manual		2x AAA batteries

WUSB (wireless USB dongle)

100 ~ 240V, 50 ~ 60Hz

iOS 8+

Yes

Yes

0.5W

249W

305W

5.22kg

392 x 281 x 118

Windows 7 / 8 / 8.1 / 10, MacOSX 10.9 +, Android 4.0+,



