Spec.

Model	AEX452	AEU452
Optical Spec.		
Brightness	4500	4500
Display Technology	3LCD(HLD)	
Contract Ratio	100,000:1	
Resolution	XGA (1024x768)	WUXGA (1920 X 1200)
Light Source	(HLD 203+) + P2W	
Light Source Time	30,000H	
Aspect Ratio	4:3(Standard) / 16:9 (Compatible)	16:10(Standard) / 4:3 (Compatible)
Projection Lens		
Zoom/Focus	Manual	
Zoom Ratio	1.2x optics	
Throw Ratio	1.48~1.78：1 (70"@2.104m)	1.26~2.09：1 (70"@1.904m)
F	F:1.6~1.76	
f	f=19.158~23.018mm	
Screen Size	0.888~10.937m（30"~300"）	0.872~10.736m（30"~300"）
Generic Spec.		
Speaker	1*16W	
Scranning Frequency	Hsync Frequency 15~91KHz / Vsync Frequency 24~85Hz	
Computer Signal Input	PC, VGA, SVGA, XGA, SXGA,WXGA,UXGA,WUXGA, Mac	
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i	
Power Consumption	420W	490W
ECO Standby Mode	<0.5W	
Network standby	<2W	
Keystone Correction	V: ±30°(auto+manual), H: ±15°(manual), Pincushion/Barrel Correction, Corner Keystone	V: ±30°(auto+manual), H: ±15°(manual), Corner Keystone
OSD(Languages)	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korea, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi	
Input Terminals	VGA x2; Audio in(mini jack 3.5mm)x1;Video x1 Audio in(L/R)--RCAx2; HDMI x2; USB-Ax1, USB-Bx1(Display), RJ45x1(Display)	
Output Terminals	VGA x1, Audio out (mini-jack,3.5mm) x1	
Other Terminals	RS-232x1, RJ45 x1(for control), USB-Bx1(for up-grade)	
Mechanical Spec.		
Power Requirement	AC 100 – 240 V ∼ 50-60 Hz	
Net. Weight(KG)	4.9kg	
Max Dimensions	365(W) x 290(D) x 105(H) mm	
Accessories		
Standard	Power cord, VGA cable, Remote control, Service Card, QSG(for Projector)	

specifications subject to change without notice.

Peojection distance
All measurements are approximate and may vary from the actual sizes.

AEX452
unit : m

Screen Size (inch)	4:3 Maximum	4:3 Minimum	16:10 Maximum	16:10 Minimum	16:9 Maximum	16:9 Minimum
30	0.888	1.071	0.942	1.137	0.969	1.169
40	1.192	1.436	1.265	1.524	1.301	1.567
60	1.800	2.167	1.910	2.299	1.963	2.363
70	2.104	2.532	2.232	2.686	2.295	2.761
80	2.408	2.898	2.554	3.073	2.626	3.159
90	2.713	3.263	2.877	3.461	2.957	3.557
100	3.017	3.629	3.199	3.848	3.289	3.956
120	3.625	4.359	3.844	4.623	3.951	4.752
150	4.537	5.456	4.811	5.785	4.946	5.946
200	6.058	7.283	6.423	7.721	6.602	7.937
250	7.579	9.110	8.035	9.658	8.259	9.927
300	9.099	10.937	9.647	11.595	9.916	11.917

AEU452
unit : m

Screen Size (inch)	4:3 Maximum	4:3 Minimum	16:10 Maximum	16:10 Minimum	16:9 Maximum	16:9 Minimum
30	0.988	1.192	0.872	1.053	0.896	1.082
40	1.327	1.598	1.171	1.411	1.204	1.450
60	2.003	2.411	1.769	2.129	1.818	2.188
70	2.341	2.817	2.067	2.487	2.124	2.556
80	2.678	3.222	2.365	2.845	2.431	2.924
90	3.017	3.629	2.664	3.205	2.738	3.294
100	3.355	4.035	2.962	3.563	3.044	3.662
120	4.031	4.847	3.559	4.280	3.658	4.399
150	5.045	6.066	4.455	5.356	4.578	5.505
200	6.735	8.097	5.947	7.149	6.113	7.348
250	8.426	10.128	7.440	8.943	7.647	9.191
300	10.116	12.159	8.932	10.736	9.181	11.035

BOXLIGHT
mimio

Standard Throw Projector
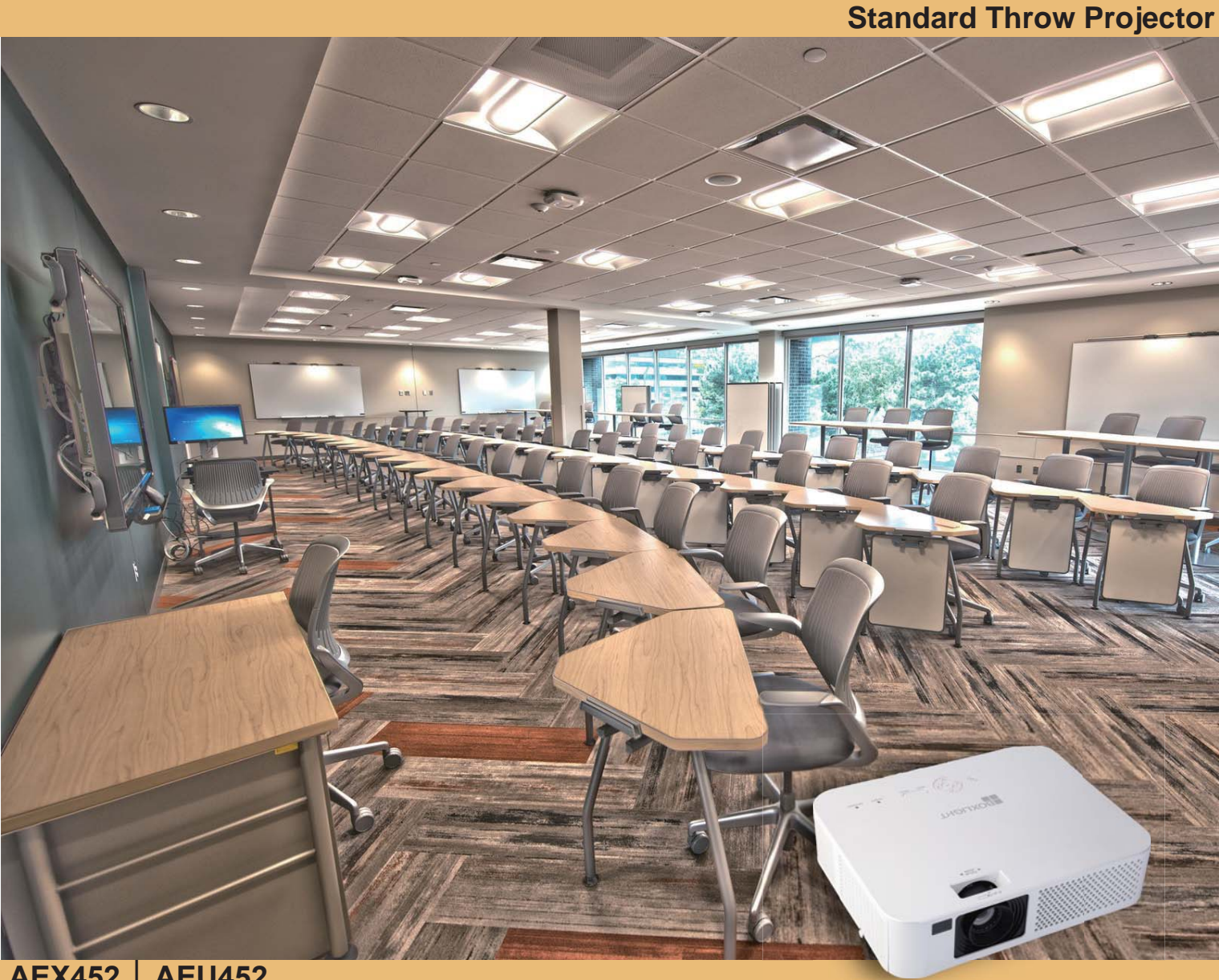
AEX452 | AEU452

AE Series

New generation HLD (High Lumen Density) LED light source shows the clear, bright, true color image under easy setup features and provide 30,000 hours light source life time to reduce the maintenance cost.

- Powerful correction function
- 3LCD color balance
- 360° projection technongy
- Up to 30,000 hrs lamp life time
- Available display via USB or RJ45 cable
- Plentiful and practical projector display modes

Dual HDMI
HDMI HDMI

Works with PHILIPS
HLD LED technology

3LCD
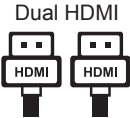
❖ HLD LED Light Source / Brightness: 4500lm

The projector with new generation light source, HLD(High Lumen Density) LED ColorSpark, provide the real color of LED light source. Show a clear, bright, natural images to you during the business presentation. Provide the users a particularly prominent experience.

Current LCD	HLD LED	Laser

❖ 30,000 hours lamp life time, allowing the customer user-friendly feeling.

HLD LCD light source provide 30,000 hours lamp life. it don't need replace the lamp up to 10 years. it's reduce the consumable and maintenance. The Lamp without Hg and environmentally friendly for earth.
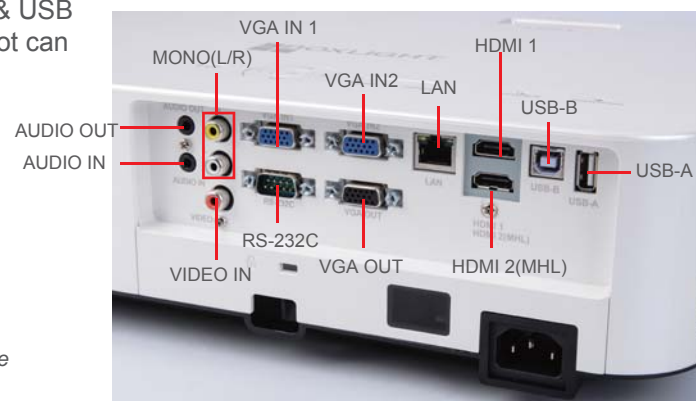
30,000 Hours
(Noraml mode)

20,000 Hours
(ECO mode)

10,000 Hours
(ECO mode)

AL series   AE series   AN series
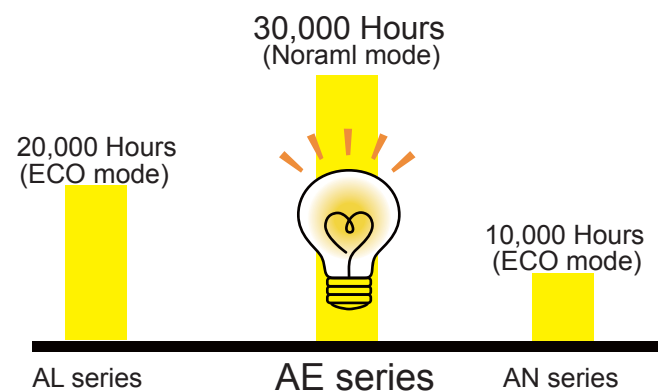
❖ Multi-projection way: support 360° projection in vertical.

The projector supports the following project ways: Front, Rear, Ceiling / Front, Ceiling / Rear, Auto ceiling / Front , Auto ceiling / Rear and support 360° projection.

360°   360°

Ceiling Rear   Ceiling Front   Rear   Front
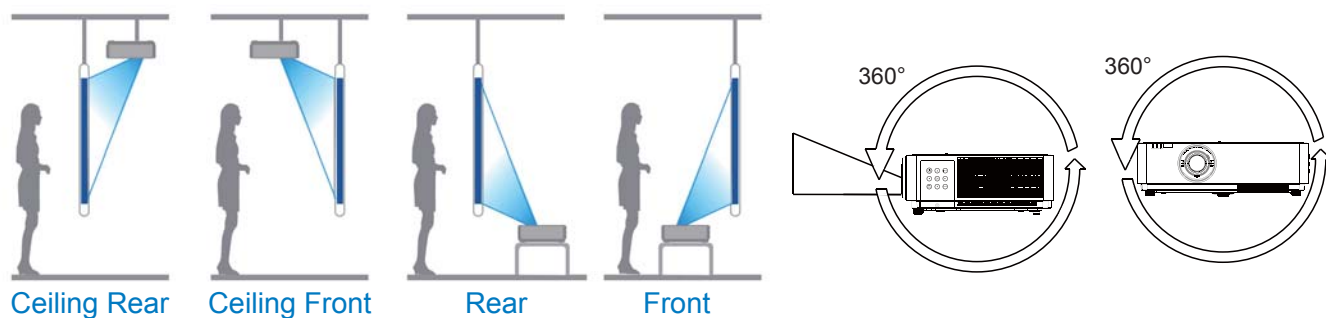
❖ Plentiful interface, more expanded display interface: RJ45 & USB.

Not only the mainstream interface but also LAN & USB terminals can project any kind of signals. USB slot can support data reading such as jpeg or pdf**.

VGA IN 1
MONO(L/R)
VGA IN2   HDMI 1
LAN
USB-B
AUDIO OUT
AUDIO IN
USB-A
RS-232C
VIDEO IN   VGA OUT   HDMI 2(MHL)

USB-A slot has limit with files, please make sure that the file can be read or not before use.
*WUXGA model doesn't support PDF files with USB-A slot.*

❖ Equipped with 16W speaker

Build in 16W speaker make the picture and sound show with same equipment. Reduce other installation for sound.

16W

❖ Powerful correction function.

Having the convenient manual and automatic Vertical correction, and manual Horizontal correction function. Moreover, user can use Corner Keystone, Pincushion/Barrel Correction* to adjust the projected picture. Ensure user can project in any uneven surface. *This function doesn't support by AEU452.*

Vertical   Corner

Horizontal   Pincushion   Barrel
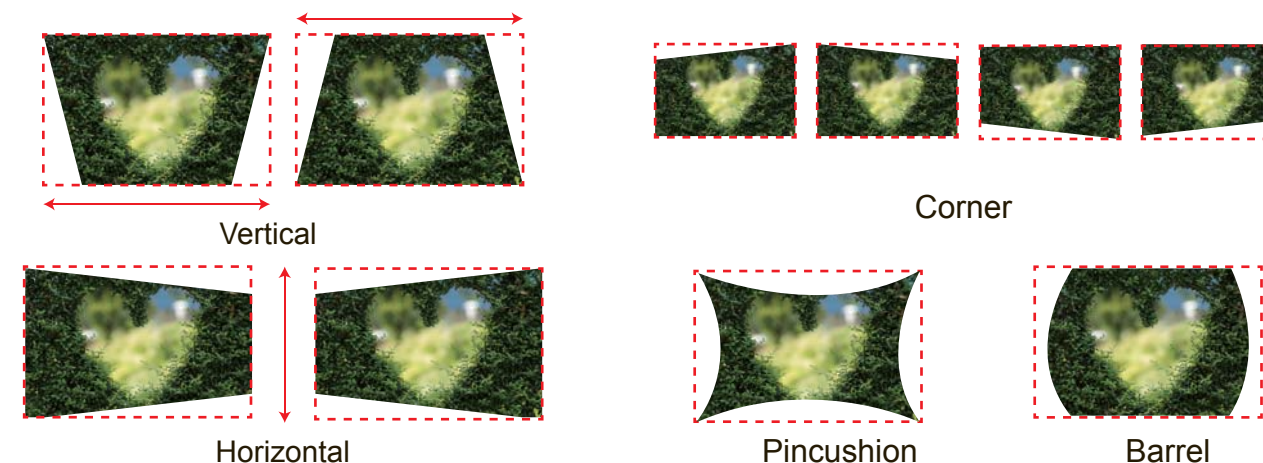
❖ Rigid dustproof design.

High efficiency ESD filter can effectively extend the projector life to ensure the image quality.
Projector built-in auto-detected system, always checks the projector's air volume, and automatically detects whether the filter is blocked. It can actively give the alarm to clean up the filter message to protect the machine and improve the service life.

Quick-release Filter
Mak it easy to installed

❖ Logo capture function in start screen.

By means of OSD menu selection, users can set their own business or personal images as a start logo. In the external demo companies or individuals can show their unique image, breaking the stereotyped image of the default start logo.

❖ Select color modes by customer demand.

Dynamic, standard, cinema, blackboard, colorboard or you can deside by yourself, whether in bright or blackboard, white wall environment can be adjusted to the most suitable screen color performances to enjoy the real wonderful screen.

❖ Double password lock and anti-theft function.

User's power-on password protection and keyboard or remote control lock function can avoid the projector error operation and theft. In addition, the projector is equipped with Kensington anti-theft lock slot abd prevent the projector being stolen.