Spec.

Model	S688X	S675U
Optical Spec.		
Brightness	8800	7500
Display Technology	3LCD	
Contract Ratio	2000:1(with IRIS @ Iris center)	1800:1(with IRIS @ Iris center)
Resolution	XGA (1024x768)	WUXGA (1920 x 1200)
Lamp Consumption	Panasonic 430W	
Noice	Normal:40dB@2m / ECO:34dB@2m	
Lamp Lifetime	3000H(Normal) /4000H(ECO)	
Display Panel	3x0.79"	3x0.76"
Aspect Ratio	4:3(Standard) / 16:9 (Compatible)	16:10(Standard) / 4:3 (Compatible)
Uniformity	80%	
Projection Lens		
Zoom/Focus	Powered	
Zoom Ratio	1.8xoptics	
Throw Ratio	100"@2.999m ; 1.5(wide)~2.7(tele)	100"@3.10m ; 1.4(wide)~2.6(tele)
F	1.8 ~ 2.6	
f	24mm ~ 43.2mm	
Screen Size	40"~300" Wide(inch)	
Lens Shift V(Powered)	±60% of image Height	±70% of image Height
Lens Shift H(Powered)	±30% of image Height	±30% of image Width
Generic Spec.		
Speaker	1*10W	
Scranning Frequency	Hsync Frequency 15~100KHz / Vsync Frequency 48~85Hz	
Computer Signal Input	PC, VGA, SVGA, XGA, SXGA,WXGA,UXGA,WUXGA, Mac	
Videp Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, and 1080i	
Power Requirements	100~240V@ 50/60Hz	
Power Consumption	Normal: 580W / ECO: 370W	
Standby Mode	<0.5W	
Network standby	<3W	<18W
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	

		S688X	S675U
Input	VGA	*1	
	Audio in (mini jack,3.5mm)	*2	
	BNC	*5	
	Video	*1	
	Audio in（L/R）--RCA	*2	
	S-Video	*1	
	HDMI	*2	
	USB-A	*1 (Support Memeory viewer)	
	Micro USB	*1（For Upgrade, Micro USB Display）	
	RJ45	*1（Lan Function）	*1（HD BaseT Function）
Output	VGA	*1	
	Audio out（mini-jack,3.5mm）	*1	
Control	RS232	*1	
	RJ45	*1 (Control)	*1（HD BaseT Function）
	Micro USB	*1（For Upgrade, Micro USB Display）	
	Wired Remote(IN)	*1	
	Wired Remote(OUT)	*1	
	HD-Base T	N/A	*1

Mechanical Spec.	
Power Supply	AC 100－240 V ∼ 50-60 Hz
Net. Weight(KG)	9.98 kg
Max Dimensions(WxHxDmm)	481(W) x 418(D) x 179(H) mm

Accessories	
Standard	Power cord, VGA cable, Remote control, CD(Owner's Manual), QSG(for Projector)
Optional	4 kinds of Interchangeable lenses

*specifications subject to change without notice.

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

S688X (4:3) *Standard Lens

Screen size (WxH)mm 4:3 aspect ratio	40 inch	100inch	150inch	200inch	300inch
	81x61	203x152	305x229	406x305	610x457
Maximum	1.16m	2.99m	4.5m	6.02m	9.06m
Minimum	2.15m	5.44m	8.18m	10.92m	16.41m

S675U (16:10) *Standard Lens

Screen size (WxH)mm 16:10 aspect ratio	40 inch	100inch	150inch	200inch	300inch
	86x54	215x135	323x202	431x269	646x404
Maximum	1.21m	3.10m	4.68m	6.26m	9.41m
Minimum	2.23m	5.64m	8.49m	11.34m	17.03m

BOXLIGHT®

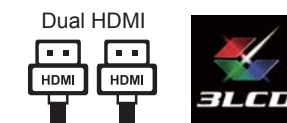**Professional Projector**

S688X | S675U

S6 Series

8,000lm high brightness output and provides 4 optional lenses for different environment installation.

- Powerful correction function
- Latest IRIS technology
- Len Shift Function
- 3LCD color balance

- Available display via USB or RJ45 cable
- Auto Setup Function
- Plentiful and practical projector display modes
- Power Management

Dual HDMI
HDMI HDMI
3LCD

BOXLIGHT-Asia office

http://www.boxlight-asia.com
Email: sales@boxlight-asia.com
TEL: +886 3-6667350 / FAX: +886 3-5780432

❖ Brightness: 7500lm / 8800lm.

We can provide the true brightness. While use the projector indoor, there can keep the light on and have the vivid color performance.

3LCD

❖ Color: 3LCD let the color performance more balance.

Used with 3LCD technology, output vivid color performance, exquisite picture quality with different brightness to show a clear, bright, natural images to you during the business presentation. Provide the users a particularly prominent experience.

Blue Sky   Red Flower   Green Tree
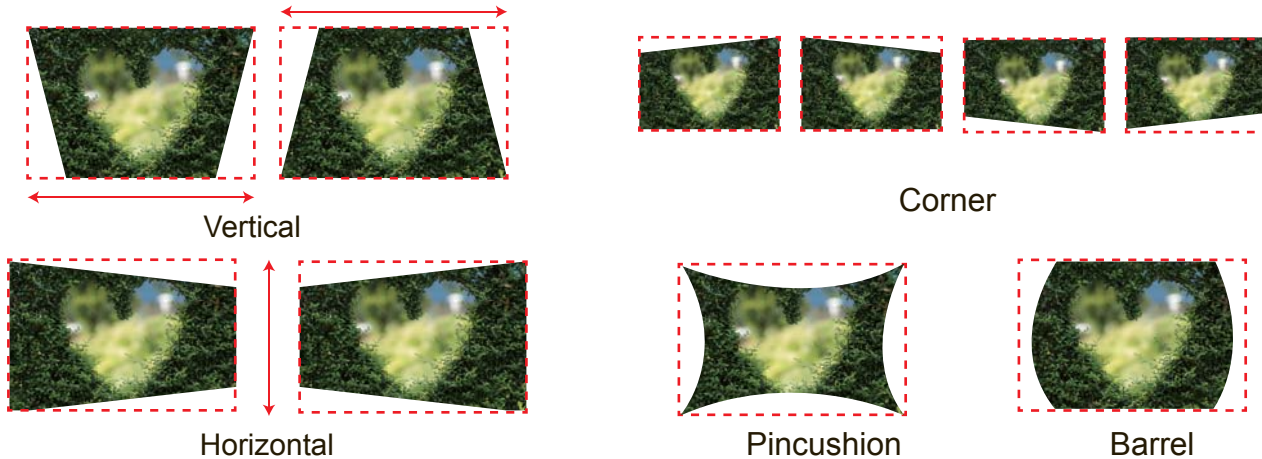
❖ Select color modes by customer demand.

Dynamic, standard, cinema, blackboard, color palette and other projection mode, 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 dual 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 and put the stolen bar, put on the chain can be used to prevent the projector being stolen.
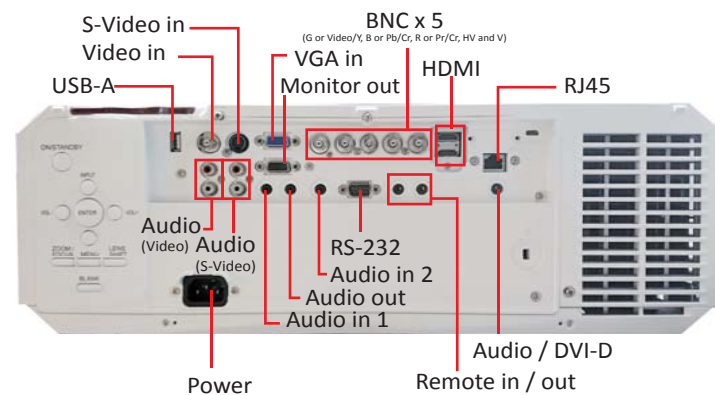
❖ Powerful correction function.

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. *for and S688X.

Vertical

Corner

Horizontal

Pincushion   Barrel

❖ 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**.

S-Video in
Video in
USB-A
VGA in
Monitor out
BNC x 5
(G or Video/Y, B or Pb/Cr, R or Pr/Cr, HV and V)
HDMI
RJ45
Audio (Video)
Audio (S-Video)
RS-232
Audio in 2
Audio out
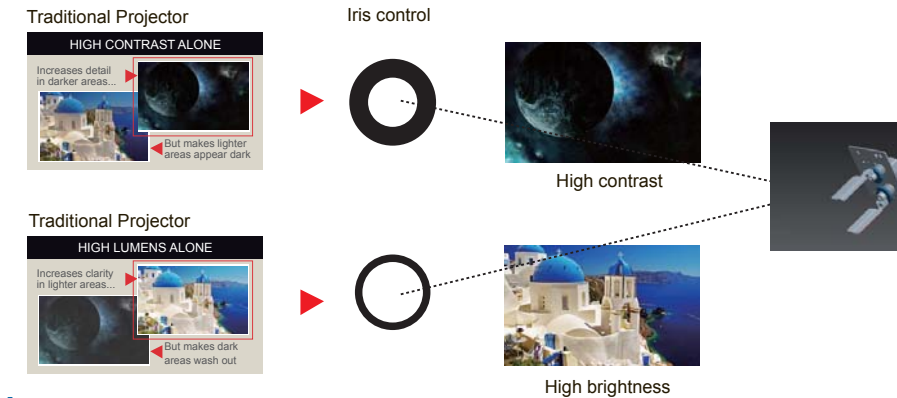Audio in 1
Power
Audio / DVI-D
Remote in / out

* 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.
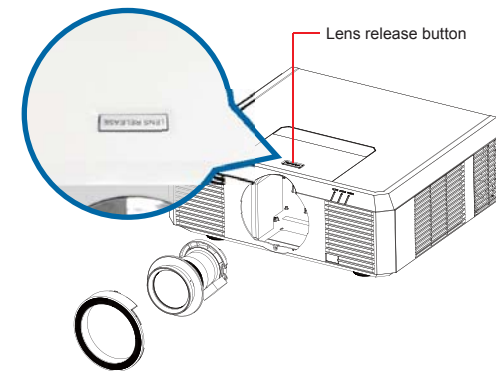
❖ Contrast: The latest IRIS increase the contrast.

Using the latest dynamic IRIS contrast enhancement technology, greatly enhance the contrast of picture. Compared to traditional LCD projectors it can provide the highest 2000: 1(S688X) / 1800:1(S67U) contrast ratio, the perfect purest black in the presentation, and the clear picture, structured and subtle image to bring superior visual impact.

Traditional Projector
HIGH CONTRAST ALONE
Increases detail in darker areas...
But makes lighter areas appear dark
Iris control
High contrast

Traditional Projector
HIGH LUMENS ALONE
Increases clarity in lighter areas...
But makes dark areas wash out
High brightness
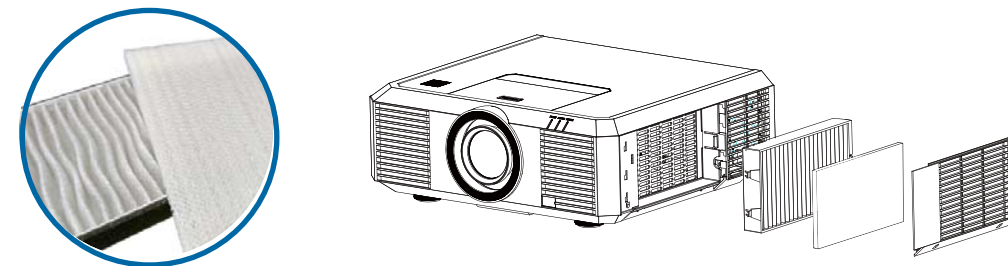
❖ Replacement Lens *Optional

There are four kinds of lens which can be use when you in different condition. One projector and multi-lens can provide more projection distance. It makes easy to replace the lens which press the lens release button and the lens will be release. Installing other lens and change the projection distance.

Lens release button

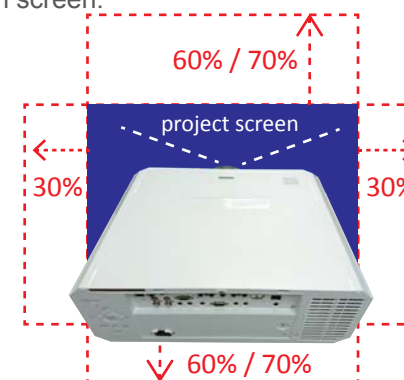| Optional lenses					
Type	Short Lens	Short Zoom Lens	Standard Lens	Long Zoom Lens 1	Long Zoom Lens 2
Zoom	Fixed	x1.3 Power zoom	x1.8 Power zoom	x1.35 Power zoom	x1.36 Power zoom
Iris(F)	1.8	2.0 - 2.6	1.8 - 2.6	2.2 - 2.8	2.2 - 2.8
Focal Length(f)	12.414	19.3 - 24.9	24.0 - 43.2	45.6 - 73.8	70.3 - 119.5
Throw Ratio	0.8:1	1.2 - 1.5:1	1.5 - 2.7:1	2.6 - 4.4:1	4.3 - 7.3:1

❖ Rigid dustproof design.

High efficiency HEPA electrostatic dust 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.

❖ Len shift function.

Perform the lens shift adjustment on the top of the projector. Make the screen deviate up-and-down / left-and-right from the central axis of lens shift elevation of the display. It can get more position to projection screen.

60% / 70%
project screen
30%   30%
60% / 70%

❖ Edge Blending function.

It could project bigger and brighter with high resolution pictures via multi-projector. The Edge Blending software* could adjust the color and the effect of the overlay edge. *If you need the software, please connect with your dealer.