Product Specification

Model	SO452W
Optical Spec.	
Brightness (MKT)	4500
Display Technology	3LCD
Contract Ratio	25000:1(w/i IRIS)
Resolution	WXGA (1280 x 800)
Lamp Consumption	240W
Noise	ECO: MAX 31dB, Normal: 38dB
Lamp Life time	10,000H(Normal) /20,000H(ECO)
Aspect Ratio	16:10(Standard) / 4:3 (Compatible)
Projection Lens	
Zoom/Focus	Manual
Zoom Ratio	1.2x optics
Throw Ratio	70"@2.232m, 1.48~1.78:1
F	F:1.6~1.76
f	f=19.158~23.018mm
Screen Size (30"~300")	0.942~11.595m
Generic Spec.	
Speaker	1*16W
Scanning Frequency	Hsync Frequency 15~100KHz / Vsync Frequency 48~85Hz
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	320W
ECO Standby Mode Power Consumption	<0.5W
Network standby Power Consumption	<2W
Keystone Correction	V: ±30°, H: ±30°, 4 Corner Keystone
Input Terminals	VGA x1; Video x1; Audio in(mini jack 3.5mm)x1; Audio in(L/R)--RCAx1; HDMI x2; USB-Bx1(Display), USB-Ax1 (support Memeory Viewer), 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)	~3.3 kg
Max Dimensions	345(W) x 261(D) x 99(H) mm
Standard Accessories	
Standard Accessories	Power cord, VGA cable, Remote control, QSG(for Projector)

Specifications subject to change without notice.

Projection distance *All measurements are approximate and may very from the actual sizes.

Screen size			Projection distance			
			Standard 16:10		Compatible 16:9	
Screen size (inch)	Width (m)	Height (m)	Wide	Tele	Wide	Tele
30"	0.646	0.404	0.942	1.137	0.969	1.169
60"	1.292	0.808	1.910	2.299	1.963	2.363
80"	1.723	1.077	2.554	3.073	2.626	3.159
100"	2.154	1.346	3.199	3.848	3.289	3.956
150"	3.231	2.019	4.811	5.785	4.946	5.946
200"	4.308	2.692	6.423	7.721	6.602	7.937
250"	5.385	3.365	8.035	9.658	8.259	9.927
300"	6.462	4.039	9.647	11.595	9.916	11.917

EDI

SO452W

Standard Throw Projector

Brilliant and clear images satisfy your needs. Long life lamp and easy-to-operate design are highly suitable for education and corporate use.

- 3LCD color balance
- Latest IRIS technology
- Powerful geometry correction
- Up to 20,000 hrs lamp life(ECO)
- Simple and quick to set up
- Splicing screen up to 5x5 mode

3LCD   **PHILIPS** Infinity Lamp

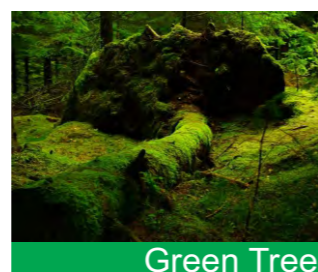## ❖ The best choice in classroom and meeting room.

Resilient projector design for different classrooms and flexible office offers a variety of brightness, resolution as well as simple and advanced interface to show powerful performance, low maintenance and easy to use function.

SO452W provides 45000lm brightness and has all the essential features for displayed in classrooms and conference rooms while still displaying excellent image quality when the lights are on.
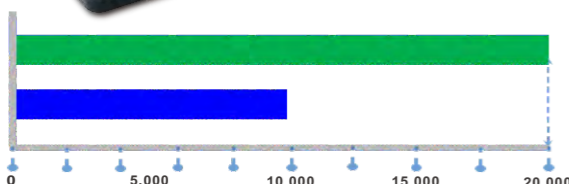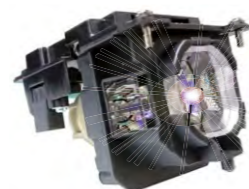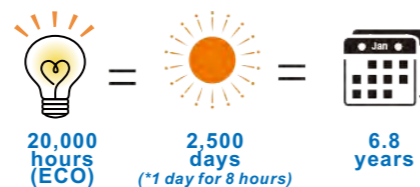
❖ Vivid color performance and image quality.

Using with 3LCD technology, it outputs vivid color performance, exquisite picture quality with different brightness to show a clear, bright, natural images in the business presentation. It also engages teacher and students particular experience in the teaching and learning.

Blue Sky

Red Flower

Green Tree

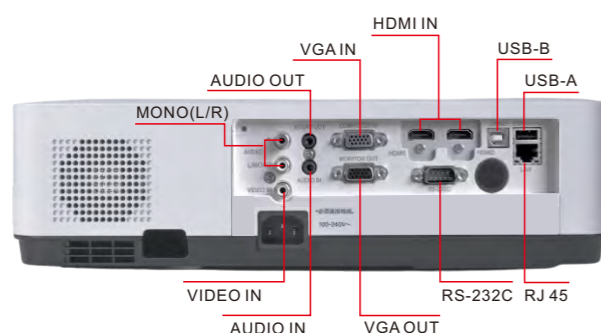## ❖ New generation lamp with 20,000 hours lamp life time.

Up to 20,000 hours life time (ECO mode) it can reduce the cost of replace lamp and save maintenance cost. If you use it for 8 hours a day, it can be used for 6 to 7 years. This usage scenario can also give customers a user-friendly feeling.

20,000 hours (ECO) = 2,500 days (*1 day for 8 hours) = 6.8 years

0   5,000   10,000   15,000   20,000
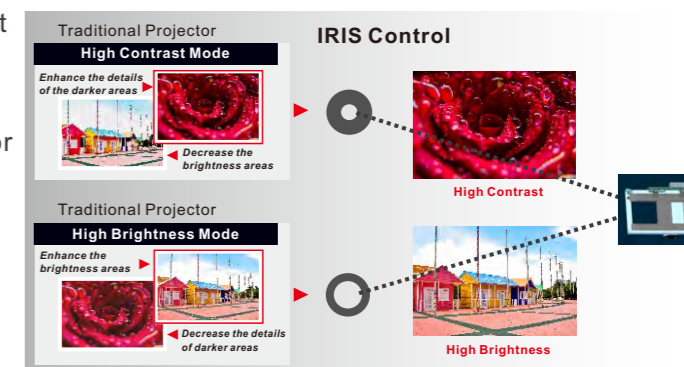
◆ Multiple interface.

It provide not only the mainstream interface (VGA, HDMI) but LAN & USB-B terminals can support any kind of signal display. USB-A (2.0) slot can support USB display it can directly project videos and pictures via USB slot.

USB-A slot has limit with files, please make sure that the file can be read or not before ued,.

HDMI IN
VGA IN
USB-B
AUDIO OUT
USB-A
MONO(L/R)
VIDEO IN
RS-232C   RJ 45
AUDIO IN
VGA OUT

❖ The latest IRIS enhance the contrast.

Using the latest dynamic IRIS contrast enhancement technology, it greatly enhance the contrast ratio. Compared to traditional technology it can provide the highest 25000:1 to show the purest black, clear picture, structured and subtle image to bring superior visual impact in the presentation.

Traditional Projector
High Contrast Mode
IRIS Control
Enhance the details of the darker areas
Decrease the brightness areas
High Contrast

Traditional Projector
High Brightness Mode
Enhance the brightness areas
Decrease the details of darker areas
High Brightness

❖ Powerful geometry correction.

In addition to the conventional Vertical and Horizontal keystone correction, it still provides 4 Corner keystone for installer to install on spheres, cylinders, and many more non-standard surfaces.

Horizontal/Vertical Keystone

4 Corner Keystone

❖ Splicing screen.

The SO452W is equipped with HDMI terminals, connects multiple projectors, can perform multi-screen self-splicing function and support up to 5×5 modes.

❖ Superior Dust proof design.

High efficiency ESD filter can make sure projector under the clean situation operation to extend the projector life and ensure the image quality.
Projector built-in an 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
Make it easy to installed