

Main Features

WXGA Resolution (KG-PH1002WX)

The projector supports WXGA (1,280×800 pixels) input and the widescreen aspect ratio increasingly used in today's TV broadcasts and by modern personal computer screens. It offers approximately 1.3 times the display area of a conventional XGA projector and better utilizes wall space in rooms with low ceilings. High-definition images and the option of a split-screen display of the widescreen, make the projector ideal for applications such as video conferencing and allow you to put together a truly advanced system.

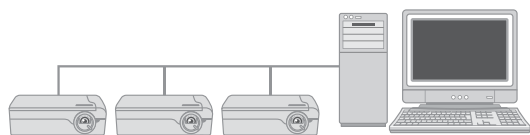
BrilliantColor™

Much Brighter with BrilliantColor™
Color accuracy is paramount to a quality image. BrilliantColor™ not only improves color accuracy, it brightens secondary colors as well. This combination produces a new level of color performance which increases color brightness over other technologies and provides accurate, true-to-life images.



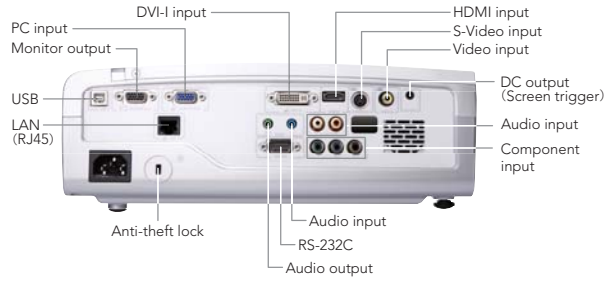
Networked Control

In order to be of more convenient use in the work environment, Taxan PH series projectors have both networking and remote control features. The RJ45 jack and wired LAN functionality make it possible to perform a variety of operations indirectly, including power on/off, brightness adjustment, contrast adjustment, video-source and sound-mute, etc.



Multiple Interfaces for Extensive Connectivity

Connection Options
Input: DVI-I, mini D-sub 15-pin, HDMI, component, S-Video, composite
Output: Mini D-sub 15-pin, DC 12 V (screen trigger function)



Audio output (variable) are provided, allowing you to change the volume of the external speakers by adjusting the projector's volume level.



Specifications			KG-PH1001X	KG-PH1002WX
Model				
Main components	DLP® chip	Size Pixels	0.7-inch XGA	0.65-inch WXGA
	Projector lens	Manual zoom (× 1.15) Manual focus F2.6-2.81, f = 26.01-29.84 mm		Manual zoom (× 1.15) Manual focus F2.6-2.81, f = 26.01-29.84 mm
		High-voltage mercury lamp, 280 W		High-voltage mercury lamp, 280 W
	Light source	Type Service life	High-voltage mercury lamp, 280 W 2000/3000Hr.	High-voltage mercury lamp, 280 W 2000/3000Hr.
Screen size	Minimum	23.4-inch (projection distance 1.0 m)	26.4-inch (projection distance 1.0 m)	
	Maximum	300-inch (projection distance 11.0 m)	300-inch (projection distance 9.9 m)	
Color reproduction	Reproducible colors	Full color (16.77 million colors)	Full color (16.77 million colors)	
Brightness*1	Standard	4200lm	3700lm	
	Eco mode	3400lm (approx. 80% of standard mode)	3000lm (approx. 80% of standard mode)	
Contrast (full on/off)*1	2300:1		2300:1	
Noise level (dB)	Standard	32dB	32dB	
	Eco mode	28dB	28dB	
Audio output	Speaker	3 W monaural	3 W monaural	
Scanning frequency	Horizontal	15~90kHz	15~90kHz	
	Vertical	50~85Hz	50~85Hz	
Computer inputs/ outputs	Input terminal	Mini D-Sub 15-pin	(Common analog RGB/YCbCr/YPbPr) × 1	(Common analog RGB/YCbCr/YPbPr) × 1
		DVI-I	(Common digital RGB/analog RGB/YCbCr/YPbPr) × 1 (HDCP support)	(Common digital RGB/analog RGB/YCbCr/YPbPr) × 1 (HDCP support)
		(HDMI)	(Common digital RGB/YCbCr/YPbPr) × 1 (HDCP support)	(Common digital RGB/YCbCr/YPbPr) × 1 (HDCP support)
	Output terminal	Mini D-Sub 15-pin	(Common analog RGB/YCbCr/YPbPr) × 1	(Common analog RGB/YCbCr/YPbPr) × 1
		VGA(640×480)	Enlarged/real display	Enlarged/real display
		SVGA(800×600)	Enlarged/real display	Enlarged/real display
		XGA(1024×768)	Real display	Enlarged/real display
		WXGA(1280×800)	Compressed display	Real display
		SXGA(1280×1024)	Compressed display	Compressed display
		SXGA+(1400×1050)	Compressed display	Compressed display
MAC	Compressed display	Compressed display		
Video inputs	Input signal	NTSC3.58, NTSC4.43, PAL, PAL_N, PAL_M, PAL60, SECAM, YCbCr (NTSC, PAL only), YPbPr (480p, 576p, 720p, 1080i)		
	Input terminal	RCA(component)	(Y, Pb/Cb, Pr/Cr)×1	(Y, Pb/Cb, Pr/Cr)×1
		RCA(video)	×1	×1
		Mini DIN 4-pin(S-Video)	×1	×1
		(Mini D-Sub 15-pin)	(Common analog RGB/YCbCr/YPbPr) × 1	(Common analog RGB/YCbCr/YPbPr) × 1
		(DVI-I)	(Common digital RGB/analog RGB/YCbCr/YPbPr) × 1 (HDCP support)	(Common digital RGB/analog RGB/YCbCr/YPbPr) × 1 (HDCP support)
HDMI	(Common digital RGB/YCbCr/YPbPr) × 1 (HDCP support)	(Common digital RGB/YCbCr/YPbPr) × 1 (HDCP support)		
Audio input terminal	Stereo mini terminal(RGB)	×1	×1	
	RCA(L&R) (video)	×1set	×1set	
Audio output terminal	Stereo mini terminal	×1 (variable output)	×1 (variable output)	
	USB(TypeB)	×1 (remote mouse)	×1 (remote mouse)	
Other terminal	RJ45	×1 (network control) (e-mail function)	×1 (network control) (e-mail function)	
	DC output (Screen trigger)	×1	×1	
	Projector external control (RS-232C)	×1	×1	
Power consumption	Rating	350W	350W	
	Eco mode	290W	290W	
	Standby	<5W	<5W	
Exterior dimensions (W) × (H) × (D) (excluding protrusions)		312×100×250mm	312×100×250mm	
Weight		3.6kg	3.6kg	
Accessories		Remote control (with remote mouse function), Remote control battery, Power cord (3 m), RGB signal cable (mini D-Sub 15-pin), Soft case, Owner's manual CD-ROM, Security sheet, Security label, USB cable (TypeA-TypeB/1.8m), Start up guide, Safety&Support Service guide	Remote control (with remote mouse function), Remote control battery, Power cord (3 m), RGB signal cable (mini D-Sub 15-pin), Soft case, Owner's manual CD-ROM, Security sheet, Security label, USB cable (TypeA-TypeB/1.8m), Start up guide, Safety&Support Service guide	

*1: Average values are indicated for the product overall at the time of shipping, according to the JIS X 6911:02003 specification format for data projectors. The measurement method and conditions are based on Appendix 2.

Our flagship model takes advantage of BrilliantColor™ for unprecedented life-like color reproduction.



URL : www.taxan-projector.com/global/

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TAXAN

High Lumen Model Projectors
KG-PH1001X | KG-PH1002WX

PH Series



A bright and compact projector for all-around use that can be mounted or placed on a tabletop



2008, TAXAN adopts BrilliantColor™ across its entire range of new products, for the ultimate in colour reproduction.

PH Series

All-around projectors suitable for use in a variety of settings

- Conference centers
- Meeting rooms
- Halls of various types
- Auditoriums, churches, chapels
- Sporting events
- Indoor and outdoor events
- Restaurants, sports bars
- Multimedia systems (museums/galleries)

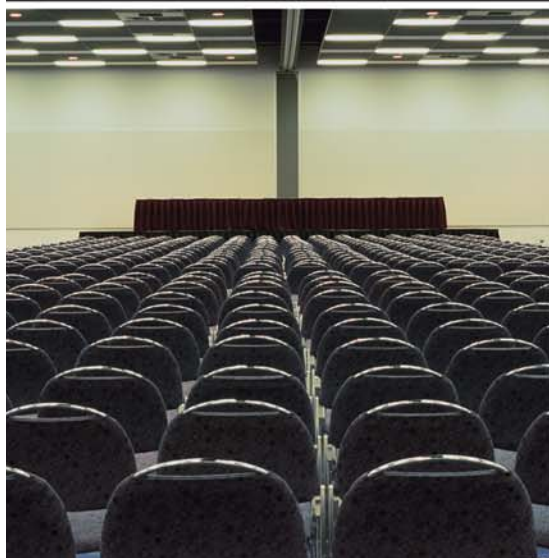


KG-PH1001X

Wired LAN 4200 lm 3.6 kg XGA

KG-PH1002WX

Wired LAN 3700 lm 3.6 kg WXGA



High Lumen Models KG-PH1001X / KG-PH1002WX

Our models deliver high luminosity and excellent performance for unlimited possibilities.

Detailed Features

Direct power on/off

- **Turn the projector power on and off from the main power switch in the installation location.**
The projector can be powered on (off) by plugging it in to (unplugging it from) an AC outlet. If the projector is suspended from the ceiling, it can be powered on and off by using the associated circuit breaker switch, rather than using the remote control.

Linked screen trigger function

- **Ideal for use with large motorized screens!**
The screen trigger (DC12V) enables automatic raising and lowering of a motorized screen when the projector is powered on and off. This is ideal for venues with large motorized screens such as conference rooms. (Note: Some motorized screens may not support the screen trigger function.)

Remote control mouse

- **Ideal for presentations!**
The included remote control can also be used to perform mouse operations on a PC, such as switching to the next slide in a PowerPoint presentation. This makes it easy to deliver presentations in venues such as lecture halls or conference rooms without the need to operate the PC separately.

Wall color compensation

- **Ideal for indoor or outdoor use when no screen is available!**
This function delivers color reproduction very similar to that projected on a white surface, even when a colored wall or blackboard is used in place of a screen.



Easy lamp replacement

- **Lamp replacement is easy even in ceiling mounted installations!**
Since the lamp can be accessed from the top of the projector, anyone can replace the lamp very easily, whether the projector is on a desktop or mounted on the ceiling. (To open the lamp cover, remove the screws on the rear panel and press the button on the front panel.)



Other Features

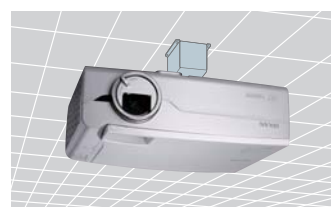
High-definition connection options

- **HDMI connector for transferring both high-quality images and audio from digital RGB devices!**
In addition to personal computers, a wide variety of digital RGB devices can be connected to the projector via an HDMI terminal, including Blu-ray disc players and game consoles. This expands the scope of possible applications for the projector considerably. The projector also supports HDCP copyright protection technology, which prevents unauthorized copying of content.
- **DVI-I connector for clear image reproduction!**
The DVI-I digital interface terminal supports fully digital connections to the projector for clear images with no distortion. HDCP is also supported.
- **Connect video and audio components to the projector!**
Component input (Y, Pb/Cb, Pr/Cr) enable the connection of video components with excellent picture quality.

Suitable for mounting or desktop placement!



Desktop Image



Ceiling Mounting Image

Still more functions!

- BrilliantColor™ function employing variable illumination
- Quick on/off function lets you pack up and get on the move without delay!
- User logo projection function for displaying corporate names or brands!
- Auto off function reduces power consumption automatically!
- Set a password to lock projector functions!



BrilliantColor™ is a revolutionary technology that delivers unmatched color expression and reproduction.

BrilliantColor™

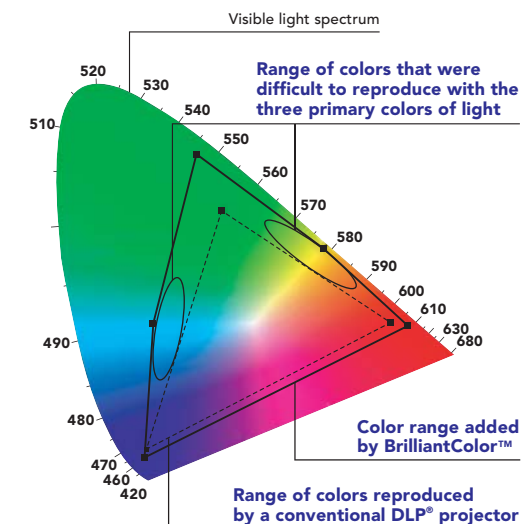
- **Dramatically better reproduction of yellows and light blues!**

BrilliantColor™ delivers substantially improved reproduction of yellows and light blues. It also enhances reproduction of subtle intermediate hues that are difficult for conventional projectors to render correctly and greatly expands the color reproduction range. The result is far more natural and faithful color depiction overall.

Main Features of a Projector with BrilliantColor™

- Far better reproduction of yellows and light blues
- Substantially expanded color reproduction range
- Improved reproduction of subtle intermediate hues

Natural colors for faithful image reproduction



BrilliantColor™ combined with Taxan's color wheel and variable illumination technology, along with a number of other technological advances, bring a revolutionary new level of color reproduction to DLP® projectors.

Projector Positioning

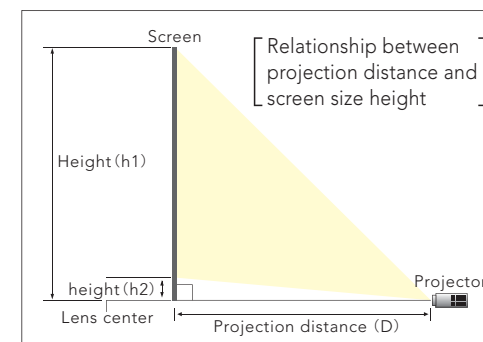
- **Screen size and projection distance**

KG-PH1001X

Screen Size Designation (Inches)	Screen Size Width x Height (m)	Wide - Tele (m)	Height h1 (m)	Height h2 (m)
23.4"	0.48×0.36	—~1.00	0.40	0.04
40"	0.81×0.61	1.46~1.71	0.68	0.07
60"	1.22×0.91	2.19~2.56	1.02	0.11
80"	1.63×1.22	2.93~3.41	1.37	0.15
100"	2.03×1.52	3.66~4.27	1.71	0.18
120"	2.44×1.83	4.39~5.12	2.05	0.22
150"	3.05×2.29	5.49~6.40	2.56	0.27
200"	4.06×3.05	7.32~8.53	3.41	0.37
250"	5.08×3.81	9.14~10.67	4.27	0.46
300"	6.10×4.57	10.97~12.80	5.12	0.55

KG-PH1002WX

Screen Size Designation (Inches)	Screen Size Width x Height (m)	Wide - Tele (m)	Height h1 (m)	Height h2 (m)
26.37"	0.57×0.35	—~1.00	0.40	0.04
40"	0.86×0.54	1.32~1.52	0.60	0.06
60"	1.29×0.81	1.98~2.27	0.90	0.09
80"	1.72×1.08	2.64~3.03	1.20	0.12
100"	2.15×1.35	3.30~3.79	1.50	0.15
120"	2.58×1.62	3.95~4.55	1.80	0.19
150"	3.23×2.02	4.94~5.69	2.25	0.23
200"	4.31×2.69	6.59~7.58	3.00	0.31
250"	5.38×3.37	8.24~9.48	3.75	0.39
300"	6.46×4.04	9.89~11.37	4.50	0.46



● Lens Shutter



● Projector Aspect

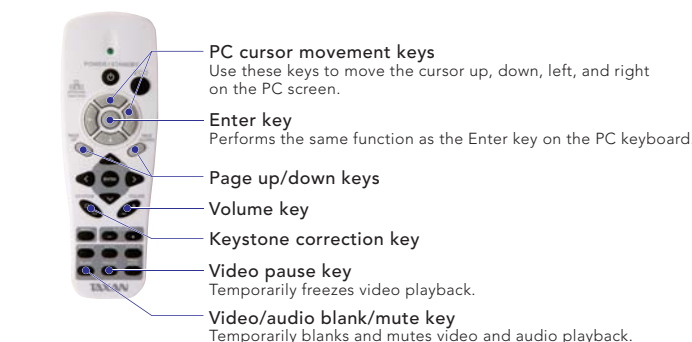


● Replacement Lamp informations

KG-LA001 for KG-PH1001X
KG-LA002 for KG-PH1002WX



● Easy-to-Use Remote Control



● Exceptional Connectivity/Multiple Terminals

