5000 ANSI Lumens High Brightness XGA Installation Projector
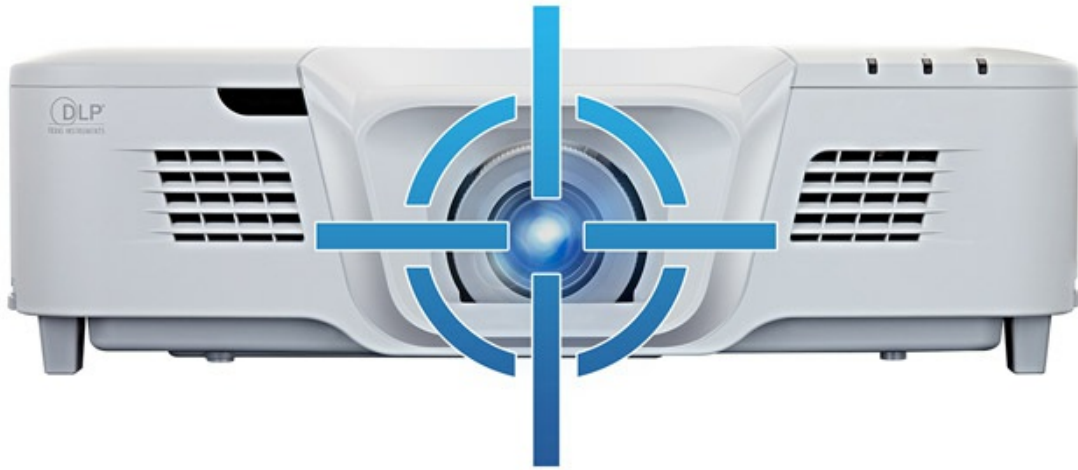
Delivering 5000 ANSI lumens of brightness in XGA resolution, the ViewSonic PG800X is the perfect installation projector for large, brightly lit environments such as conference rooms, classrooms, or any other large public venue. Utilizing an intuitive design, PG800X is highly flexibility and easy to install. It comes equipped with centered lens and vertical lens shift, which offer extra flexibility that makes the projectors more adaptable to difficult installation locations. The concealed PortAll® compartment can accommodate optional HDBT or wireless dongles for versatile content projection. PG800X is certified by Creston, AMX, PJ Link and Extron, meaning that it can be controlled remotely via LAN connection for efficient projector management. Other notable features include SuperColor™ technology for true-to-life image color, SonicExpert, and SonicMode for incredibly clear sound which allows PG800X to deliver a professional audio-visual experience.

Ease of Use

Centered Projection

A centered lens design makes this projector ideal for upgrading exsiting centered lens installations by allowing users to use the same positioning as existing ceiling mounts and projection screens.

Centered Lens

Installation Flexibility

Vertical Lens Shift offers vertical adjustments of the projection lens, providing flexible installation options with less placement restrictions.

Vertical**Lens Shift**

Auto V Keystone

The automatic vertical keystone improves usability and makes setup and image positioning more

convenient for a perfectly proportioned picture every time.

AutoV Keystone

Cleverly Concealed Streaming

ViewSonic's exclusive PortAll® concealed compartment has an integrated HDMI port that lets you discretely stream multimedia content from an HDBT dongle or other wireless dongle. Connected dongles can be powered via the built-in Micro USB cable which charges the dongle with 10 watts of power.

PortAll®

Effortless Maintenance

The tool-free top cover design is easy enough for users to check the maintenance room without any hassle. Under the top cover, the ample room provides users to adjust or change a dongle or lamp conveniently, making ceiling mounted applications easier to manage.

Easy-access Top Cover

Secure Power Connection

The power cable locker fastens the power cable connection in place to avoid the inconvenience of an unexpected projector shutdown due to a loose or accidently unplugged cord.

Power Cable Locker

Power Cable Locker

Centralized Control

A centrally located, easy-to-use power button acts as the control center for projector management. In addition to turning the projector on and off, it is also an IR receiver and indicates whether any dongles are connected to the PortAll® compartment via an LED that lights up the power button.

4-in-1 Power Button

Projector Control
IR Receiver

Power Key

4-in-1
Power Button

Remote Player
IR Blaster

Dongle
Power Indicator

LAN Control

PG800X is Creston, AMX, PJ Link, and Extron certified for easy-to-use network management that allows administrators to remotely observe and control up to 256 projectors at one time through a LAN IP. An advanced real-time alert system sends status updates about power, lamp life, and unit location for efficient monitoring.

LAN Control

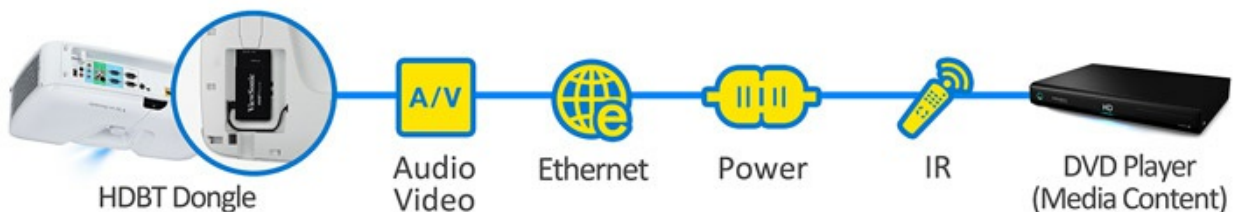# Optional ViewSonic® HB10B HDBT dongle

Based on HDBT technology, ViewSonic HB10B fits into the PortAll® compartment and is a stable method to transmit uncompressed 4K UHD audio & video over distances of up to 35 meters*.
* When combined with a Cat.5e/6/7 LAN cable
- 1080P up to 70m by Cat 6
- 4K/2k up to 35m by Cat 6

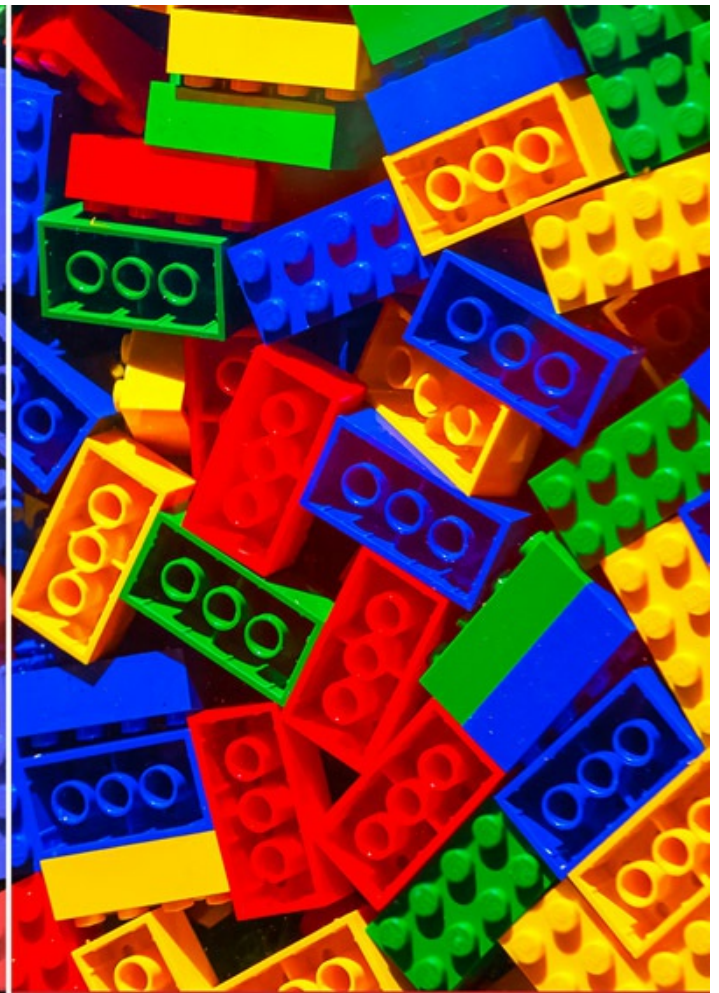Optional **HB10B Dongle**

Impressive AudioVisual Performance

Amazing Color Accuracy

ViewSonic's proprietary SuperColor™ Technology displays a wide range of visible color to ensuring stunningly vibrant images.

SuperColor™ Technology

Normal | SuperColor™ Technology

Powerful Sound

PG800X is designed with ViewSonic's SonicExpert® technology which incorporates an enlarged speaker chamber, a more powerful amplifier, and dual 10W cube speakers for room filling sound.
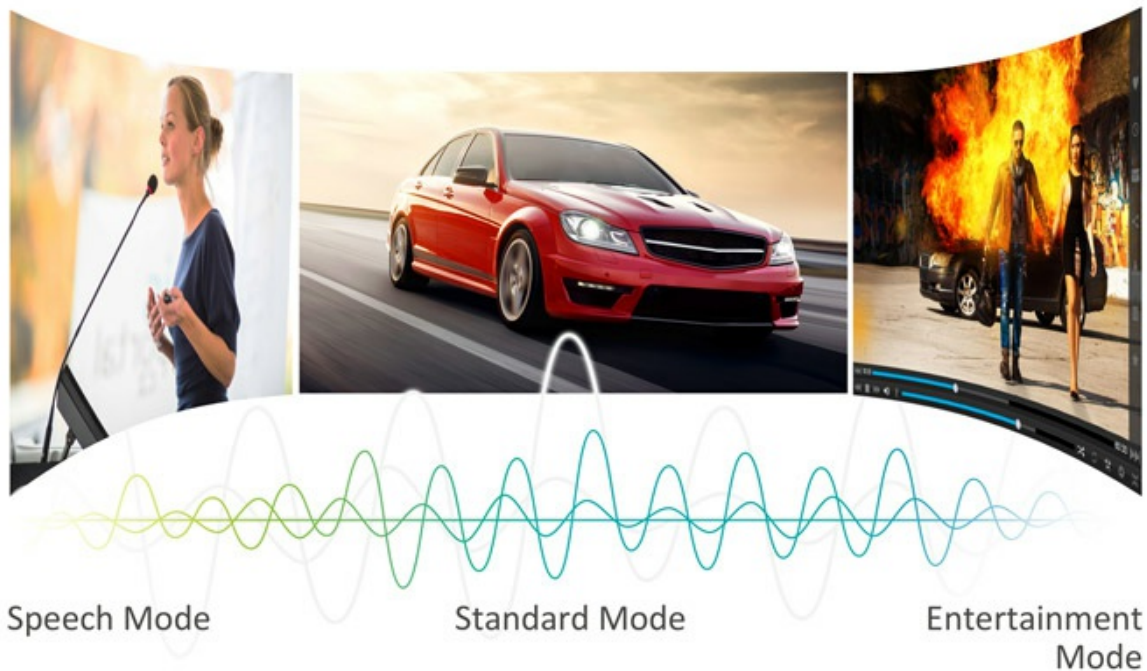
SonicExpert® Technology

Optimized Audio

SonicMode uses an embedded DSP chip to optimize sound performance for 3 different usage scenarios.

- **Standard Mode:** A preset mode that offers the best sound levels for general use.
- **Speech Mode:** A preset mode that enhances the sound of spoken words, making it ideal for projecting speeches and lectures.
- **Entertainment Mode:** a preset mode that is fine-tuned with more bass and richer mid-high frequencies; ideal for music and movies.

SonicMode

Speech Mode   Standard Mode   Entertainment Mode

Low TCO

Instant Activation

Auto Power On and Signal Power On can be used to get your projector up and running instantly:

- **Auto Power On:** The projector will power on automatically by simply connecting the power cord or through HDMI CEC.
- **Signal Power On:** The projector will power on automatically upon detection of a VGA cable connection.

Auto Power On

Extended Lamp Life

Sleep Timer allows you to put the projector into sleep mode automatically after a determined period of inactivity to extend the projector's lamp life.
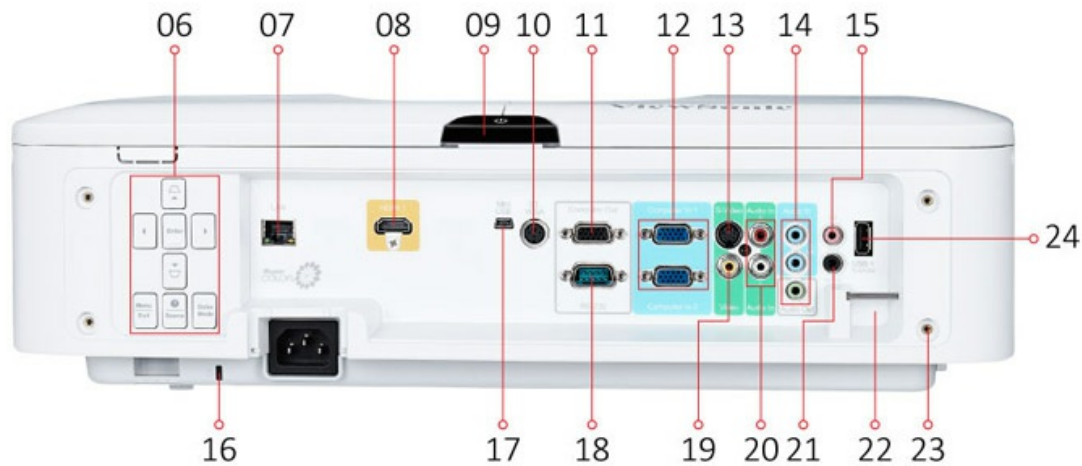
Sleep Timer

Reduced Energy Consumption

When no signal has been detected, the projector will automatically power off to conserve energy.

Auto Power Off

Exterior & Rear I/O Connectors

1. Front IR receiver
2. Lens shift adjustment
3. 1.3X optical zoom
4. 10W x 2 cube
5. Air filter
6. keypad
7. LAN
8. HDMI
9. 4-in-1 power button
10. 3D VESA
11. Monitor out
12. Computer in
13. S-Video
14. Audio in/out
15. IR out
16. Kensington lock
17. Mini USB for service
18. RS232
19. Video
20. Audio in L/R(RCA)
21. 12V out
22. Security bar
23. Cable management screw hole
24. USB type A (5V/2A)

Technical Specifications

SPECIFICATION	Projection system	0.55" XGA
	Native Resolution	1024 x 768
	DC type	DC3
	Brightness	5000 ANSI lumens
	Contrast Ratio with SuperEco mode	5000:1 (with Eco mode)
	Display Color	1.07 Billion Colors

	Light Source	Lamp
	Light source life (Nor/SuperEco)	2000/2500 (Nor/Eco)
	Lamp Watt	370W
	Lens	F=2.59-2.87, f=16.88-21.88mm
	Projection Offset	115%+/-5%
	Throw Ratio	1.51-1.97
	Image size	30" - 300"
	Throw Distance	0.9m-12m(100" @3.1m)
	Keystone	±40° (Vertical)
	Lens Shift V. Range	Yes (+7.5%, -0%)
	Optical Zoom	1.3x
	Audible Noise (Eco)	33dB
	Resolution Support	VGA(640 x 480) to FullHD(1920 x 1080)
	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	Horizontal Frequency	15K~102KHz
	Vertical Scan Rate	23~120Hz
Input	Computer in (share with component)	2
	Composite	1
	S-video	1
	Audio-in (3.5mm)	2
	Audio-in (RCA R/L)	1
	Microphone in	1 (shared with Audio-in 2)
	HDMI	2 (Back & PortALL)
	3D VESA (Sync)	1
Output	Monitor out	1
	Audio out (3.5mm)	1
	Speaker	10W Cube x 2
	USB type A (Power)	1 (5V2A)
	USB type Micro B (Power)	1 (5V2A Front)
	12V Trigger	1 (3.5mm)
	IR out	1
Control	RS232	1
	RJ45	1
	USB type mini B (Services)	1
	Wired Remote Control - Out	1 (Share to top IR)
Others	Power Supply Voltage	100-240V+/- 10%, 50/60Hz AC
	Power Consumption	Normal: 574W Standby: <0.5W
	Operating Temperature	0~40℃
	Carton	Brown
	Net Weight	6.2kg
	Dimensions (WxDxH) w/adjustment foot	470x316x140mm
	Language	English, French, Spanish, Thai, Korean, German, Italian, Russian, Swedish, Dutch, Polish, Czech, T-Chinese, S-Chinese, Japanese, Turkish, Portuguese, Finnish, Indonesian, India, Arabic, Vietnamese
Standard Accessory	Power Cord	1

VGA cable	1
Remote Control	1 (w/Laser pointer)
QSG & CD	QSG: 1 / CD: NA