The 4000 ANSI Lumen Ultra High Brightness Projector with the DLP™ Optical Engine

**High-Brightness Picture**

4000 ANSI Lumen High Brightness with Unique Dual Lamp System

With Sharp’s advanced DLP™ Optical Engine with DMD® and dual 250W high brightness lamps, the XG-PH50X achieves 4000 ANSI lumen high brightness and excellent uniformity, delivering bright, clear images in large highly-lit rooms.

4-Mode Single/Dual Lamp Switchover

Choose the lamp arrangement to suit your needs. With dual lamp projection, the XG-PH50X delivers high-luminance pictures in a huge room: 4000 ANSI lumen in Standard mode and 3500 ANSI lumen in Eco mode. Even single lamp projection provides sufficient brightness for mid-size to large rooms: 3000 ANSI lumen in Standard mode and 1500 ANSI lumen in Eco mode.

Flexible Lens System

The projector is equipped with a wide variety of applications and projection situations. The lenses cover projection distances from 1.6m up to 14.2m for a 100” screen and projection of a screen from 40” to 300”. Choose the one which best suits your projection conditions such as the room size, projection distance and projected picture size.

True XGA Image Quality

Advanced Compatibility with High-End PCs, Workstations and DTV

- Horizontal frequency: 15-120 kHz
- Vertical frequency: 43-2000 Hz
- Pixel clock: 12-230 MHz
- Compatible with sync on green/compatible sync
- ATU signals
- Compatible with workstations (SGI, SUN, IBM, HP)
- HDTV/DTV Compatibility: 480i/576i, 525i, 625i, 720p, 1080i, 1080p
- UXGA (1600 x 1200), SXGA (1280 x 1024) and Macintosh 21” (1280 x 1024) Compatible
- True XGA (1024 x 768), SXGA, UXGA and Macintosh (19”/17”) Compatible
- Compatible with HDCP digital signal

CV-IC (Computer & Video Integrated Composer) II System Technology

**Colour Management System**

The level of colour shades, chroma and tone can be set for each of six colours (red, yellow, green, cyan, blue, magenta), making possible more subtle adjustment of colour.

**sRGB Compatibility**

sRGB Compatibility, the colour reproductivity standard defined by the International Colour Consortium, provides faithful reproduction of the original pictures in colour hue, tone and gradation on a computer display.

Enhanced Three-Two Pull Down (NTSC)*

Detecting the video source (DVD software) recorded in 24 frame/sec. format, the XG-PH50X can beautifully reproduce natural high-quality pictures without blue by converting into 60 frame/sec. progressive images.

Noise Reduction

The noise reduction circuit performs high level noise reduction, reducing picture blue, and providing clear pictures comfortable on the eyes.

Network Connectivity

LAN Connection

Incorporating terminals for LAN connection as standard features, the XG-PH50X enables turning the power on or off and switching input without using special software. It is also possible on a network to monitor and control projectors for overall execution.

Remote Access and Management

Nesly developed web browser control* enables remote access and management of the projector without special software. In addition, it sends e-mail to a maximum of five appointed addresses when detecting something wrong such as the lamp going out, unusual heating or cooling fan breakdown.

**Control System Compatibility**

The XG-PH50X provides superior compatibility with various control systems such as Crestron, AMX and Extron.

New Digital Keystone Correction

Conventional systems have difficulty adjusting a slanted screen horizontally and vertically without jog lines. The new system easily compensates for pictures projected on angles both horizontally and vertically by only spotting four points on the screen. Even when projection on an angle is needed, preparation and adjustment is quick and easy, allowing you to start presentations smoothly and without hassle.

Super-Quiet Operation

The new intelligent multiple-fan control system eliminates annoying sound during presentations and meetings.

Remote Control with Mouse

Screen displaying presentation software such as PowerPoint® can be easily moved forward/backward and the cursor can be moved by remote control.

Wide Range of Connection Terminals

The projector is equipped with a wide variety of AV/PC terminals including HDCP-compatible DVI terminals to meet the needs of digital content.

Presentation Support Tools

- Simple Stacking Projection
- Simple Video Wall
- High-Speed Auto Response Adjust (ARA)
- Sharp Original Pull-Down Menu GUI (Graphical User Interface: 11 languages selectable)
- High-Quality Video Circuits (G/C, C/G Separation, Digital Comb Filter, Noise Reduction, Colour Transient and Y Delay, Colour Temperature Adjustment)
- New Auto Search
- Image Capture
- Key Lock Function
- System Lock Function

**Presentation Convenience**

Multiple Projector Management

A management PC with Sharp Display Manager* installed can control multiple projectors individually. In addition, group setting is possible for the groups formed from these projectors, to control each group separately.

Sharp Global Home Page URL: http://www.sharp-world.com/projector/