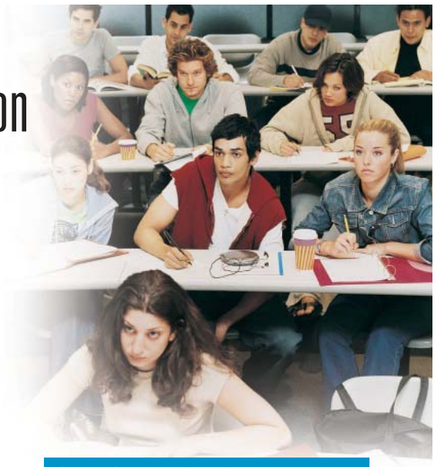
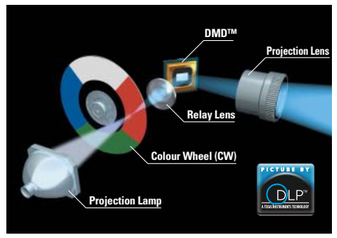
Slim-Bodied, High-Performance DLP Projector Expands Application Possibilities Ranging from Business to Education



Cutting-Edge DLP Technology Provides All-Around Advantages in its Performance

The XG-MB70X employs a DLP™ system for the display device that controls the DMD™ (Digital Micromirror Device) chip, which contains many thousands of micromirrors on the silicon chip, reflecting light to display images.



Slim, Lightweight and Compact Design

With the DLP™ system, the XG-MB70X presents a slim (89 mm) body without hindering presentations, helping your business with numerous applications.

3000 ANSI Lumen High Brightness

Sharp's advanced optoelectronics technology maximizes light output, providing excellent uniformity and amazingly high brightness in this size of projector.

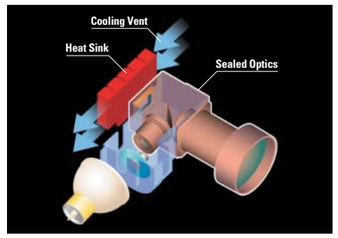
2000:1 High Contrast for Big Screen Projection

The DLP™ optical system prevents light leakage compared with LCD projection and provides sharper blacks in black parts and a 2000:1 high contrast ratio as well as employing an iris developed in Sharp theatre projectors.
The XG-MB70X is thus ideal for large-screen theatre projection, providing high-quality pictures for DVD*, HDTV and education videos. It is also compatible with worldwide broadcast signals such as NTSC, PAL and SECAM.

* A separate DVD player is needed for viewing DVDs.

Sealed Optics

The optical mechanism of DLP™ system projectors is sealed in its structure, preventing dust, dirt and smoke from the entering core parts of the optics to a much greater degree than with LCD projectors. The system also needs no filter and less maintenance, resulting in lower cost of ownership and longer use.



Long-life High-Performance DMD™ Panel

DMD™ silicon chip formation with finely structured mirrors provides stable performance and delivers high-quality pictures for longer periods. The DMD™ chip in the XG-MB70X achieves a lifetime of 20,000 hours*.
Also, because there is no burn-in or remaining afterimage, the XG-MB70X is ideal for still picture projection such as for guidance board applications and projecting CAD images.

* The lifespan is measured at the surrounding temperature of 25°C. This is a reference value and is not guaranteed.

And More Advantages

The projector provides better compensation of picture uniformity.

3x Speed Colour Wheel

The XG-MB70X employs a primary colour wheel with a 3x speed engine, providing much shorter projection time and thus improving colour break-up to an invisible level.

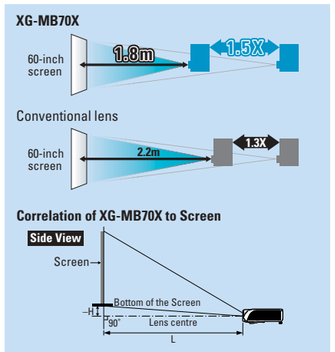
Improved Projection Performance

Auto Focus and Power Zoom Lens

The XG-MB70X employs auto focus and a power zoom lens, eliminating the hassle of adjusting the picture on the screen. You can start presentations quickly and comfortably.

Short Throw Lens (Optical 1.5X Zoom Lens)

The newly developed Short Throw Lens achieves 60-inch large screen projection even from the short distance of 1.8m. In addition, the projector can be mounted more flexibly with the 1.5x zoom lens.



Screen Size and Projection Distance

NORMAL Mode

Picture size			Projection distance (L)		Distance from the bottom of the images to the lens center (–H)
Diag. (inches)	Width (cm)	Height (cm)	Minimum	Maximum	
300	610	457	9.1m	13.7m	10.2cm
100	203	152	3.0m	4.6m	3.4cm
60	122	91	1.8m	2.7m	2.0cm
40	81	61	1.2m	1.8m	1.4cm

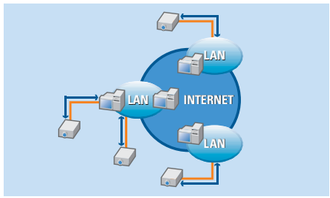
STRETCH Mode

Picture size			Projection distance (L)		Distance from the bottom of the images to the lens center (–H)
Diag. (inches)	Width (cm)	Height (cm)	Minimum	Maximum	
250	553	311	8.2m	12.4m	61.1cm
100	221	125	3.3m	5.0m	24.5cm
60	133	75	2.0m	3.0m	14.7cm
40	89	50	1.3m	2.0m	9.8cm

Network Possibilities

LAN Connection

Incorporating terminals for LAN connection as standard features, the XG-MB70X enables turning the power on or off and switching inputs without using special software. It is also possible on a network to monitor and control projectors for overall execution.



Remote Access and Management

Newly 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.

* Compatible with Internet Explorer 5.0 or higher

Smooth Presentation Even for Beginners

Intuitive Layout of Buttons and Terminal Layout

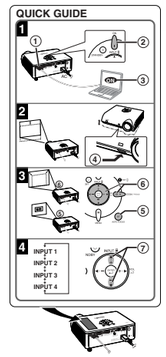
For intuitive button layout, essential and frequently used buttons for basic operations, setup and image adjustment are located close together. This layout allows simple setup and operation for anybody. And, a wide variety of AV/PC terminals are effectively placed with colour guidance.

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.

Quick Guide

Any person first using the XG-MB70X can quickly set up and use it with just a quick glance at the reference sticker enclosed. Placing the sticker close to operation buttons simplifies basic operation by eliminating the need to check operation manuals.



Security & Safety

Notevision Lock-Down Function

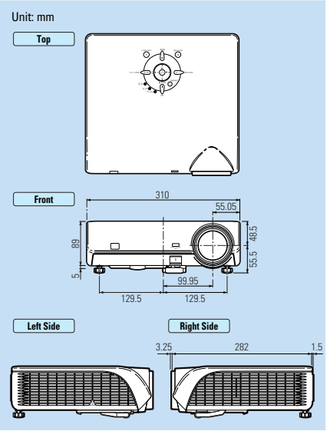
The optical unit provides a solid mounting point for ceiling mount hardware, and the joint area is reinforced by a metal plate. This achieves a maximum loading capacity of 5,700N*.
Static Load Capacity on the XG-MB70X: Maximum 5,700N (equivalent to a 580kg object hung on the projector) (When hanging with four mounting points)

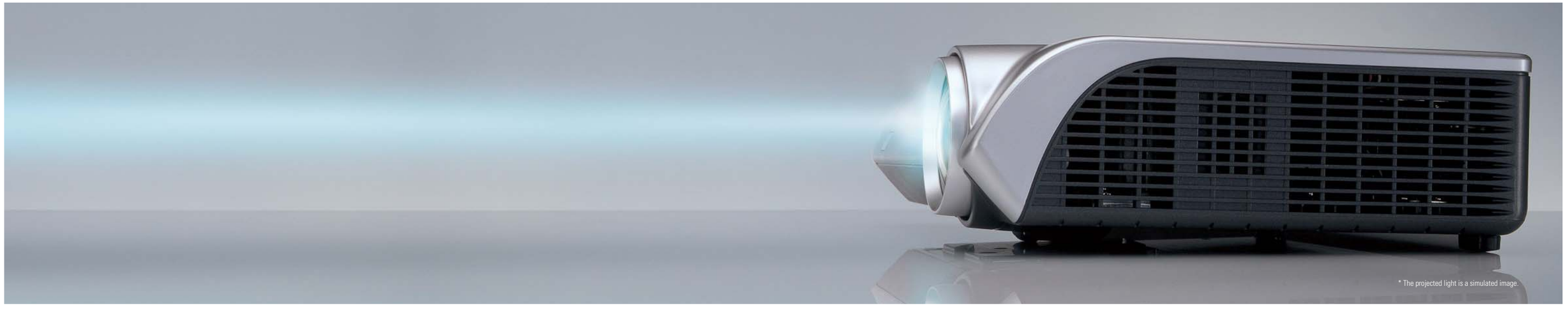
* N (Newton) is the unit for force. When hanging a 1-kg object to the ceiling mounted projector, the projector is subjected to a force equivalent to 10N. (Based on Sharp load test)

Other Outstanding Features

- 32dB Low Noise Level in Eco Mode
- True XGA Compatibility/SXGA+ (1,400 x 1,050) compatible in intelligent compression
- sRGB Compatibility
- Auto Response Adjust (ARA)
- Digital Keystone Correction compensates for picture distortion
- Simple Key Lock and System Lock Function
- Enlarge & Freeze
- Storage Case

Dimensional Drawings





* The projected light is a simulated image.