

# SHARP®

## PG-MB60X

High Brightness, High Contrast, High  
Performance Conference/Classroom Series  
Projector



### **Portable, Compatible, Versatile and Affordable!**

The Sharp PG-MB60X Conference/Classroom series projector puts high performance into a new feature-packed portable design - with the awesome advances of DLP™ Technology. The PG-MB60X makes presentations and ease of installation a pleasure with exceptionally high brightness, compatibility and low fan noise. Slim, lightweight and loaded with the most required features, the versatile new "MB60X" incorporates a wide 1.5x power zoom lens, wireless remote with mouse control, sealed optical system and extensive theft deterrent mounting features. The PG-MB60X also utilizes the latest DDR DLP™ technology with air bearing 3x speed, 4-segment color wheel, assuring the highest contrast ratio, image quality and reliability - even for extended use applications.

### **Outstanding Features:**

- 2500 ANSI Lumens Brightness
- 1200:1 Contrast Ratio
- 1.5x Wide Range Power Zoom/Focus Lens
- DDR DLP™ Display Technology with Sealed Optics
- Air bearing 3x speed, 4-segment Color Wheel
- XGA Native Resolution with Compatibility up through SXGA+
- Connects to Virtually any Computer or Video Source (including PC, Mac, Workstation and HDTV/DTV - in both 4:3 and 16:9)
- Includes IR (Infrared) Wireless Remote with Mouse Control
- Selectable Variable or Fixed Audio Line-Output
- Highly Affordable - perfect for classrooms, meeting rooms and workgroups
- 3-Year Parts/Labor Warranty plus 2-Years "ER" 24-Hour Turnaround Express Repair!

**All the performance and portability advantages of DLP™ combined with the features and functionality of high-end LCD conference room projectors**



# PG-MB60X

## High Brightness, High Contrast, High Performance Conference/Classroom Series Projector

<b>Cutting Edge DLP™ Technology</b> - The PG-MB60X employs an advanced DLP™ (Digital Light Processing) Imaging System for highest contrast ratio, image quality and reliability!	<b>Sealed Optics (no air filter required)</b> - Prevents dirt and dust from entering the optical system. Minimizes maintenance costs and extends operating life.																																															
<b>High Brightness</b> - With 2500 ANSI Lumens (2000 ANSI Lumens in Low-Power (Economy) Mode), you are assured of ample brightness for most any conference room or classroom setting.	<b>Wide Computer and Video Compatibility</b> - with native XGA resolution (1024x768) and compatibility up through SXGA+ (1400x1050), the PG-MB60X easily interfaces with PCs, MACs and Workstations. The "MB60X" additionally supports DTV and HDTV formats in both 4:3 and 16:9 aspect ratios.																																															
<b>DDR DLP™ Technology</b> - with Air Bearing 3-speed, 4-Segment Color Wheel provides superior video image quality and long life operation.	<b>"Low Power" Economy Mode</b> provides increased lamp life (up to 3000 hours) for reduced cost of ownership along with lower fan noise and power consumption.																																															
<b>Remote Control with Wireless Mouse</b> - offers convenient remote control of all standard operations, plus wireless mouse, and "enlarge" and "freeze" presentation support.	<b>Theft Deterrent Features</b> - include Notevision Lockdown (through optical block mount stud), optional ceiling cable lock, key lock function and Kensington Lock compatibility.																																															
<p style="text-align: center;"><b>Additional Key Features:</b></p> <ul style="list-style-type: none"> <li>- 30dB Low Noise Level (in "Eco" mode)</li> <li>- sRGB Compatibility, plus "High Brightness" and "High Contrast" picture modes</li> <li>- Digital Keystone Correction</li> <li>- Power Zoom and Focus Lens</li> <li>- Intuitive layout of buttons and input/output terminals</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #00FFFF;"> <th colspan="6" style="text-align: center;">Screen Size and Projection Distance NORMAL (4:3) Mode</th> </tr> <tr style="background-color: #FFDAB9;"> <th colspan="3" style="text-align: center;">Picture Size</th> <th colspan="2" style="text-align: center;">Projection Distance (L)</th> <th rowspan="2" style="text-align: center;">Distance from the bottom of the image to the lens center (H)</th> </tr> <tr style="background-color: #D8BFD8;"> <th style="text-align: center;">Diag.</th> <th style="text-align: center;">Width</th> <th style="text-align: center;">Height</th> <th style="text-align: center;">Min.</th> <th style="text-align: center;">Max.</th> </tr> </thead> <tbody> <tr style="background-color: #FFDAB9;"> <td style="text-align: center;">300"</td> <td style="text-align: center;">240"</td> <td style="text-align: center;">180"</td> <td style="text-align: center;">29' 9"</td> <td style="text-align: center;">44' 9"</td> <td style="text-align: center;">-4"</td> </tr> <tr style="background-color: #FFDAB9;"> <td style="text-align: center;">100"</td> <td style="text-align: center;">80"</td> <td style="text-align: center;">60"</td> <td style="text-align: center;">9' 11"</td> <td style="text-align: center;">14' 11"</td> <td style="text-align: center;">-1 11/32"</td> </tr> <tr style="background-color: #FFDAB9;"> <td style="text-align: center;">84"</td> <td style="text-align: center;">67"</td> <td style="text-align: center;">50"</td> <td style="text-align: center;">8' 4"</td> <td style="text-align: center;">12' 6"</td> <td style="text-align: center;">-1 1/8"</td> </tr> <tr style="background-color: #FFDAB9;"> <td style="text-align: center;">60"</td> <td style="text-align: center;">48"</td> <td style="text-align: center;">36"</td> <td style="text-align: center;">5' 11"</td> <td style="text-align: center;">8' 11"</td> <td style="text-align: center;">-51/64"</td> </tr> <tr style="background-color: #FFDAB9;"> <td style="text-align: center;">40"</td> <td style="text-align: center;">32"</td> <td style="text-align: center;">24"</td> <td style="text-align: center;">4' 0"</td> <td style="text-align: center;">6' 0"</td> <td style="text-align: center;">-17/32"</td> </tr> </tbody> </table>	Screen Size and Projection Distance NORMAL (4:3) Mode						Picture Size			Projection Distance (L)		Distance from the bottom of the image to the lens center (H)	Diag.	Width	Height	Min.	Max.	300"	240"	180"	29' 9"	44' 9"	-4"	100"	80"	60"	9' 11"	14' 11"	-1 11/32"	84"	67"	50"	8' 4"	12' 6"	-1 1/8"	60"	48"	36"	5' 11"	8' 11"	-51/64"	40"	32"	24"	4' 0"	6' 0"	-17/32"
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Display Technology	Single 0.7" DDR DLP™ 12" with Air Bearing 3x Speed / 4-Segment Color Wheel. (DLP is a trademark of Texas Instruments.)
Pixel Resolution	XGA (1024 x 768) Native up through SXGA+ (1400x1050) with ImageACE Resizing
Contrast Ratio	1200:1
ANSI Lumens Brightness	2500 (Standard Mode) / 2000 (Economy Mode)
Lens	1.5x Power Zoom/Focus
Projection Distance (for 100" Diag. Screen)	9.8' - 14.8' (Throw Ratio 1.5 – 2.2)
Est. Lamp life	Up to 2000 Hours (Standard Mode) / Up to 3000 Hours (Economy Mode)
Fan Noise (standard / eco mode)	35 dB / 30 dB
Computer/RGB/Component Inputs	Two (HD15)
RGB Monitor Loop-Through	Yes (HD15)
Video Inputs (independent)	One S-Video (4-pin DIN), One Composite Video (RCA)
Stereo (L/R) Audio Inputs / Output	Two Audio Inputs plus Line Output (selectable Variable or Fixed) [mini connectors]
Audio Power	2 Watts
Wireless Remote Control	Yes (with Wireless Mouse Control)
RS-232C IN	Yes (9 pin mini DIN)
LAN Connectivity	Utilize Optional AN-LS1 Ethernet to RS-232C Interface
Weight and Dimensions (WxHxD)	8.8 lbs.; 12.2" x 4.1" x 11.3"
Lamp Module	AN-MB60LP or AN-MB60LP/1 (210 Watt DC, user-replaceable)
Included Accessories	Remote control with wireless mouse function, 2 "AAA" batteries, 6' AC Power Cord, 9'10" RGB signal cable, 9'10" USB cable, storage case, lens cap, projector manual and technical reference CD-ROM, Operation Manual, and "Quick Reference" guide reference sticker (label)
Optional Accessories	<b>AN-MBCM10:</b> Ceiling Mount Bracket; <b>AN-EP101B:</b> Extension Tube for Ceiling Mount; <b>AN-JT200:</b> Angle Mount Joint for Ceiling Mount; <b>AN-CMCSS16:</b> 16" Security Cable System for use with AN-EP101B; <b>AN-CMCSS46:</b> 46" Security Cable System for use with AN-EP101B; <b>AN-C3CP2:</b> 3-RCA to 15-pin D-sub cable (9'10"); <b>AN-A1RS:</b> RS-232C Adapter; <b>AN-C500WCC:</b> Wheeled Carry Case; <b>AN-C500SC:</b> Shipping Case; AN-LS1 Ethernet to RS-232C Adaptor
Limited Warranty	3 Years Parts and Labor including 2 Years "ER" 24-Hour Turnaround Express Repair. (90 day warranty on user-replaceable projection lamp.)

### SHARP ELECTRONICS CORPORATION, INDUSTRIAL SYSTEMS GROUP / LPD

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Design and specifications are subject to change without notice.

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