

# SHARP®

# XG-MB70X

High Brightness, Performance and Contrast  
Conference/Classroom Series Projector



## *Maximum Performance, Reliability and Flexibility!*

Sharp's latest addition to its Conference/Classroom Series puts high performance into a new feature-packed design—with the awesome advances of DLP™ Technology. The XG-MB70X's ease of installation, high brightness and low fan noise makes doing presentations a pleasure. Slim, lightweight and loaded with the most required features, the new "MB70X" incorporates a short-throw power zoom lens, wireless remote with mouse control, a sealed optical system and built-in LAN connectivity. The XG-MB70X 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

- » 3000 ANSI Lumens Brightness
- » Up to 2000:1 Contrast Ratio with Power-Iris
- » 1.5x Wide Range Power Zoom / Focus Lens with Auto-Focus
- » 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
- » Built-in RJ-45 LAN Connectivity!
- » 3-Year Parts / Labor Warranty plus 3-Year "ER" 24-Hour Turnaround Express Repair!

The XG-MB70X has the performance and portability advantages of DLP™ Technology combined with the features and functionality of high-end LCD conference room projectors.



<p><b>Cutting Edge DLP™ Technology</b> - The XG-MB70X utilizes an advanced DLP™ (Digital Light Processing) Imaging System for highest contrast ratio, image quality and reliability!</p> <p><b>High Brightness</b> - With 3000 ANSI Lumens (2600 ANSI Lumens in Low-Power [Economy] Mode), you are assured of ample brightness for most any conference room or classroom setting.</p> <p><b>DDR DLP™ Technology</b> - With Air Bearing 3-speed, 4-segment Color Wheel provides superior video image quality and long life operation.</p> <p><b>Remote Control with Wireless Mouse</b> - Offers convenient remote control of all standard operations, plus wireless mouse, and "enlarge" and "freeze" presentation support.</p> <p><b>Unique High Contrast Mode with Power Iris</b> - Provides up to 2000:1 Contrast Ratio</p> <p><b>Additional Features -</b></p> <ul style="list-style-type: none"> <li>• 32dB 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>• Intuitive layout of buttons and input/output terminals</li> <li>• Theft Deterrent Features include Notevision Lockdown (through optical block mount stud), optional ceiling cable lock, key lock functions and Kensington Lock compatibility</li> </ul>	<p><b>Sealed Optics (no air filter required)</b> - Prevents dirt and dust from entering the optical system. Minimizes maintenance costs and extends operating life.</p> <p><b>Wide Computer and Video compatibility</b> - With native XGA resolution (1024 x 768) and compatibility up through SXGA+ (1400 x 1050), the XG-MB70X easily interfaces with PCs, Macs and Workstations. The "MB70X" also supports DTV and HDTV formats in both 4:3 and 16:9 aspect ratios.</p> <p><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.</p> <p><b>LAN Connectivity</b> - (RJ-45) with built-in web server—enables remote monitoring, diagnostics and control over a network—including powering the projector on and off and switching inputs—without any special software.</p> <p><b>Auto-Focus and Power Zoom Lens</b> - Eliminates the hassle of adjusting the picture on the screen!</p> <p><b>Screen Size and Projection Distance - NORMAL (4:3) Mode</b></p> <table border="1"> <thead> <tr> <th colspan="3">Picture Size</th> <th colspan="2">Projection Distance (L)</th> <th rowspan="2">Distance from the bottom of the image to the lens center (H)</th> </tr> <tr> <th>Diag.</th> <th>Width</th> <th>Height</th> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>300"</td> <td>240"</td> <td>180"</td> <td>29' 9"</td> <td>44' 9"</td> <td>-4 1/64"</td> </tr> <tr> <td>100"</td> <td>80"</td> <td>60"</td> <td>9' 11"</td> <td>14' 11"</td> <td>-1 11/32"</td> </tr> <tr> <td>84"</td> <td>67"</td> <td>50"</td> <td>8' 4"</td> <td>12' 6"</td> <td>-1 1/8"</td> </tr> <tr> <td>60"</td> <td>48"</td> <td>36"</td> <td>5' 11"</td> <td>8' 11"</td> <td>-51/64"</td> </tr> <tr> <td>40"</td> <td>32"</td> <td>24"</td> <td>4' 0"</td> <td>6' 0"</td> <td>-17/32"</td> </tr> </tbody> </table>	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 1/64"	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
Pixel Resolution	XGA (1024 x 768) native up through SXGA+ (1400 x 1050) with ImageACE Resizing
Contrast Ratio	2000:1(High Contrast Mode); 1000:1 (Standard Mode)
ANSI Lumens Brightness	3000 (Standard Mode) / 2600 (Economy Mode)
Lens	1.5x Power Zoom / Focus (with Auto-Focus)
IRIS Control (for high contrast)	Yes
Est. Lamp Life	Up to 2000 Hours (Standard Mode) / Up to 3000 Hours (Economy Mode)
Fan Noise (standard / eco mode)	35 dB / 32 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 / Outputs	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	Built-in RJ-45 Ethernet Port
Weight & Dimensions (WxHxD)	9.1 lbs.; 12.2" x 4.1" x 11.3"
Lamp Module	AN-MB70LP or AN-MB70LP/1 (275 Watt DC, user-replaceable)
Included Accessories	Remote Control with Wireless Mouse function, 2 "AAA" Batteries, 6' AC Power Cord, 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; <b>AN-CMCSS46:</b> 46" Security Cable System; <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
Limited Warranty	3 Year Parts and Labor including 3 Years "ER" 24-Hour Turnaround Express Repair. (90 day warranty on user-replaceable projection lamp.)

Design and specifications subject to change without notice.