



UTILIZES NEW HIGH EFFICIENCY PROJECTION LAMP!

HIGH BRIGHTNESS, “AFFORDABLE” XGA PROJECTORS FOR CORPORATE AND EDUCATION INSTALLATIONS

The Sharp PG-MB66X and PG-MB56X Conference/Classroom series projectors offer a unique combination of high brightness, high performance and a full feature set at a remarkably affordable price. With 3000 ANSI Lumens (PG-MB66X) and 2500 ANSI lumens (PG-MB56X), these XGA native resolution projectors are perfect for most any educational or meeting room setting. With their high image quality (2000:1 contrast ratio) and wide compatibility, they are ideal for use with both high resolution computer and video sources (including HDTV).

For use in commercial applications, all models are backed by a 2-year parts and labor limited warranty*2 [90 days on the user-replaceable projection lamp] including 2 years of Sharp industry-leading ER 24-hour turnaround Express Repair support. Additionally, recognizing that projectors in this category frequently interface with external control systems, both models feature an on board RS-232C port.

Standard features include XGA native resolution (1024 x 768) with intelligent “ImageACE” resizing for compatibility up through SXGA+ (1400 x 1050), short-throw zoom/focus lens, DTV/HDTV compatibility and up to 3000-hour lamp life.*1

For superior color accuracy, these models incorporate a Condenser Lens Optical System, along with Texas Instruments® DDR DLP® Technology and TrueVision™ (DDP2000) image processing. A 3X speed, 4-segment color wheel with enhanced white portion optimizes white level and brightness, ensuring that all projected images will be uniform and void of the rainbow effect common in other projectors. Sealed optics along with integrated air filter and multiple ultra-quiet cooling fans make the PG-MB66X and PG-MB56X the projectors of choice for extended-use operation.

Features:

High Brightness 3000 ANSI lumens (PG-MB66X); 2500 ANSI lumens (PG-MB56X).

XGA Native Resolution (1024 x 768) with intelligent ImageACE resizing for compatibility up through SXGA+ (1400 x 1050).

Free Downloadable Sharp Display Manager software for multiple projector management and monitoring for theft protection.

Texas Instruments DDR DLP® Technology in combination with TrueVision™ technology (DDP2000) advanced video circuitry for optimum performance and image quality.

3X Speed, 4-Segment Enhanced White Color Wheel with sRGB, color temperature adjustment and bright-boost ensures superior color quality and brightness.

Sealed Optics, Integrated Air Filter and Multiple Ultra-quiet Cooling Fans for reliable operation.

2000:1 Contrast Ratio provides rich image clarity.

On-Screen Setup Guide and “Help” Function ensures easy setup and operation.

DTV/HDTV Compatibility for both 4:3 and 16:9 aspect ratios.

Short Throw Zoom/Focus Lens allows for a large projected image from a “short” throw distance.

Screen Size and Projection Distance - NORMAL Mode (4:3)

Picture (Screen) Size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
300"	240"	180"	34' 3"	39' 8"	19 5/64"
200"	160"	120"	22' 10"	26' 5"	12 23/32"
150"	120"	90"	17' 2"	19' 10"	9 17/32"
100"	80"	60"	11' 5"	13' 3"	6 23/64"
84"	67"	50"	9' 7"	11' 1"	5 11/32"
72"	58"	43"	8' 3"	9' 6"	4 37/64"
60"	48"	36"	6' 10"	7' 11"	3 13/16"
40"	32"	24"	4' 7"	5' 3"	2 35/64"

Note: There may be a maximum error of approximately ± 5.4% in the above values.



Back Panel

Specifications

Model Numbers	PG-MB66X	PG-MB56X
Native Resolution / Resizing	XGA (1024 x 768) native resolution up through SXGA+ (1400 x 1050) with Intelligent ImagACE resizing	
TV Lines	600 TV lines (DTV 720P input)	
Device Type	Single 0.55" DDR DLP® chip 12° with 3x speed, 4-segment enhanced white color wheel	
Cabinet Color	Dark Metallic	
H & V Frequency / Dot Clock	fH 15-70 kHz / fV 45-85 Hz / 12-108 MHz	
Compatibility	PC, Mac®, Workstation	
Video System	NTSC 3.58, 4.43 / PAL, 60, M, N/SECAM	
DTV / HDTV	Compatibility including 480I, 480P, 540P, 576I, 576P, 720P, 1035I, 1080I	
Brightness	3000 ANSI lumens (2400 A.L. in low power eco & quiet mode)	2500 ANSI lumens (2000 A.L. in low power eco & quiet mode)
Contrast Ratio	2000:1 (high contrast mode)	
Lens Type	1:1.15x manual zoom and focus, F2.4-2.6, throw ratio = 1.75-2.0, PG-MB56X f = 19.0-21.9mm, PG-MB66X f = 18.7-21.5mm	
Optical System	Condenser lens optical system (provides higher image uniformity and contrast, without ghosting)	
Aspect Ratio	Native 4:3 (with image shift for 16:9 software)	
Screen Size (Min / Max)	40" (diagonal) up to 300" (diagonal)	
Projection Distance	11.5' x 13.3' (for 100" diagonal screen)	
IR Wireless Remote Control	Yes - with on-screen break timer and image freeze function. Also includes forward/back presentation control when used with optional AN-MR2 remote IR receiver. [38 kHz carrier frequency]	
Built-in Audio System	2.0 Watts monaural	
Lamp Module	AN-XR20L2 or AN-XR20L2/1 (275W DC, user replaceable)	
Estimated Lamp Life (standard/eco) ¹	2000 hours / 3000 hours	
Fan Noise (standard/eco)	35dB / 30dB	
Power Source	100 - 240V, 3.6A	100 - 240V, 3.6A
Power Consumption	350 W in bright lamp setting and high fan mode; 280 W in eco & quiet lamp setting and normal fan mode; 4.7 W in standby mode	350 W in bright lamp setting and high fan mode; 280 W in lamp setting and normal fan mode; 4.7 W in standby mode
Heat Dissipation (110V) (lamp setting "bright"/"eco/quiet")	1315 BTU/hour / 1050 BTU/hour	1315 BTU/hour / 1050 BTU/hour
Safety Approval	UL, FCC Class B	
Operating / Storage Temperatures	41° F to 95° F (+5° C to +35° C) / -4° F to 140° F (-20° to +60° C)	
Inputs / Outputs	2 - RGB/component input (15-pin HD); 1 - composite video input (RCA pin type); 1 - S-Video input (4-pin Dln); 1 - PC/Component stereo audio input (3.5mm mini jack); 1 - Video audio input (1-pair RCA pin-type); 1 - RGB loop-through output (15-pin HD); 1 - Stereo VAO line variable audio output (3.5mm mini jack); 1 - RS-232C (9-pin mini DIN)	
LAN Connectivity	Utilize third party Ethernet to RS-232 adapter	
Control Systems	Compatible with Crestron®, AMX®, Extron®, Bitlogix®	
Included Accessories	Wireless remote control; two AA batteries; 6' AC power cord; 10' RGB signal cable; attached lens cap; integrated air filter; projector operation manual; RS-232C control adapter	
Optional Accessories	AN-XRCM30 ceiling mount bracket; AN-EP101B extension tube for ceiling mount; AN-JT200 angle mount joint for ceiling mount; AN-CMCS516 16" security cable system; AN-CMCS546 security cable system; AN-C3CP2 3-RCA to 15-pin D-sub cable (10'); AN-A1RS RS-232C adapter; AN-MR2 remote IR receiver (for forward/back presentation control); AN-C3BN 5-BNC to 15-pin D-sub cable (10'); AN-C5005B light-duty storage bag; AN-C600WCC hard-shell wheeled storage bag; AN-C600SC "ATA" storage case	
Limited Warranty ²	2 years parts/labor including 2 years of Sharp ER 24-hour turnaround Express Repair. 90-day lamp warranty.	
Dimensions (w x d x h) (in inches)	12-13/32 x 4-19/64 x 11-1/32 (main body only); 12-13/32 x 4-47/64 x 11-37/64 (with adjustment foot & projecting parts)	
Weight (in pounds)	8.6	
UPC	074000365070	074000365087

¹ Up to 3000 hours lamp life in low power ("eco & quiet") mode; up to 2000 hours lamp life in standard mode.

² See warranty statement included in the product operation manual PDF download at www.sharpsusa.com. Texas Instruments, DLP® logo, the DLP® medallion, BrilliantColor™ and TrueVision™ are trademarks of Texas Instruments. Sharp is a registered trademark of Sharp Corporation. All other trademarks are the property of their respective owners.

Product specifications and design are subject to change without notice.

