



**PG-F200X: 2100 ANSI LUMENS**

## Compact, Low-Cost XGA Projectors for Education and Business Applications

The Sharp Notevision® PG-F200X offers exceptionally high performance at a very affordable price. Designed for school and business use, the PG-F200X utilizes Texas Instruments® DDR DLP® technology and TrueVision™ Image processing. The Condenser Lens Optical System in combination with a 3x speed color wheel helps ensure all projected images are bright, uniform and void of the rainbow effect common in other projectors. DLP sealed system along with ultra-quiet cooling fans makes the PG-F200X a projector of choice for extended use operation.

Powerful features like DVI-D input, zoom lens, HDTV compatibility and up to 3,000-hour lamp life\*1 make this Notevision projector perfect for most any application.

For use in commercial settings, the PG-F200X is backed by a 2-year parts and labor limited warranty (90 days on the user-replaceable projection lamp) including 2-years of Sharp industry-leading “ER” 24-hour turnaround Express Repair support. Recognizing projectors in this category are frequently interfaced with external control systems, the PG-F200X additionally features an on-board RS-232C port.

### Features:

**High Brightness** 2100 ANSI lumens.

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

**New HDCP Compliant DVI-D Input** for easy setup and use of digital sources.

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

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

**3x Speed Color Wheel** with sRGB, color temperature adjustment and bright-boost ensures superior color quality and brightness.

**DLP Sealed System and Multiple Ultra-quiet Cooling Fans** for reliable operation.

**1300:1 Contrast Ratio** provides rich image clarity.

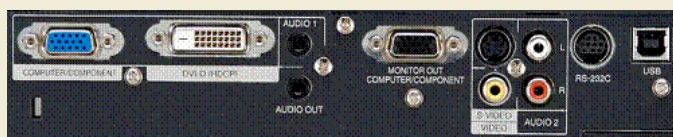
**On-Screen Setup Guide and “Help” Function** ensures easy setup and operation.

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

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

**Direct Power Off and Auto Restart** allows for quick shutdown when presenting on the go. Auto restart function restores projector power status if there is a power failure or main power control.

**Front Exhaust** directs cooling air towards the front of the room and away from audience.



Back Panel

### 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"	36' 10"	—	7-9/16"
200"	160"	120"	24' 7"	28' 4"	5- 3/64"
150"	120"	90"	18' 5"	21' 3"	3-25/32"
100"	80"	60"	12' 3"	14' 2"	2-33/64"
84"	67"	50"	10' 4"	11' 11"	2-7/64"
72"	58"	43"	8' 10"	10' 3"	1-13/16"
60"	48"	36"	7' 4"	8' 6"	1-33/64"
40"	32"	24"	4' 11"	5' 8"	1-1/64"

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

### Specifications

Model Numbers	PG-F200X
Brightness	2100 ANSI lumens (1680 A.L. in low power Eco + Quiet mode)
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 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®
Video System	NTSC 3.58, 4.43 / PAL, 60, M, N/SECAM
DTV / HDTV	Compatibility including 1080i, 1035i, 720P, 576P, 576i, 540P, 480P, 480i
Contrast Ratio	1300:1
Lens Type	1:1.15x manual zoom and focus, F2.5-2.6, throw ratio = 1.8-2.1, f = 20.4-23.5mm
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	12' 3" to 14' 2" (for 100" diagonal screen)
IR Wireless Remote Control	Yes - with on-screen break timer, pointer, image freeze and spotlight functions. Also includes forward/back and mouse presentation control
Built-in Audio System	2.0 Watts monaural
Lamp Module	AN-XR30LP or AN-XR30L/1 (200W, user replaceable)
Est. Lamp Life (standard / Eco + Quiet)* <sup>1</sup>	2000 hours / 3000 hours
Fan Noise (standard / Eco + Quiet)	32dB / 29dB
Power Source	100 - 240V, 2.9A
Power Consumption (100V)	283W in bright lamp setting; 227W in Eco + Quiet lamp setting and normal fan mode; 4.3W in standby mode
Heat Dissipation (100V) (lamp setting Bright / Eco + Quiet)	1060 BTU/hour / 850 BTU/hour
Safety Approval	UL, FCC Class A
Operating / Storage Temperatures	41° F to 95° F (+5° C to +35° C)
Inputs / Outputs	1 - RGB/component input (mini D-sub 15 pin); 1 - DVI-D Digital RGB/HDCP; 1 - composite video input (RCA pin type); 1 - S-Video input (mini DIN 4-pin); 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 (mini DIN 9-pin); USB (Type B) for mouse control
LAN Connectivity	Utilize third party Ethernet to RS-232C 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; projector operation manual
Optional Accessories	AN-XRCM30: ceiling mount bracket; AN-EP101B: extension tube for ceiling mount; AN-JT200: angle mount joint for ceiling mount; AN-CMCSS16: 16" security cable system; AN-CMCSS46: 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 in ceiling mount installations); AN-C600WCC: hard-shell wheeled storage case; AN-C600SC: "ATA" storage case; AN-C500SB: storage case
Limited Warranty* <sup>2</sup>	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)	10.6 x 3.5 x 10.4 (main body)
Weight (in pounds)	6.4
UPC	074000365438

\*<sup>1</sup> Up to 3000 hours lamp life in low power (Eco + Quiet) mode; up to 2000 hours lamp life in standard mode.

\*<sup>2</sup> See warranty statement included in the product operation manual PDF download at [www.sharppusa.com](http://www.sharppusa.com).

Sharp and Notevision are registered trademarks of Sharp Corporation.

Texas Instruments, DLP® logo, the DLP® medallion and TrueVision™ are trademarks of Texas Instruments.

Mac is a registered trademark of Apple Inc.

All other trademarks are the property of their respective owners.

Product specifications and design are subject to change without notice.

