



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.

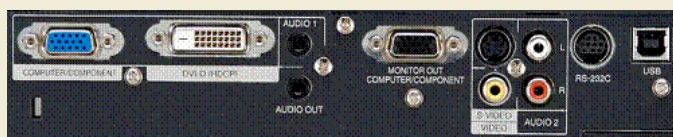
On-Screen Setup Guide and "Help" Function ensures easy setup and operation.

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)* ¹	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* 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)	10.6 x 3.5 x 10.4 (main body)
Weight (in pounds)	6.4
UPC	074000365438

*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.sharppusa.com.

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