



### Sharp's New High-Performance DLP® Projectors with Vibrant Colour Reproduction from BrilliantColor™ Technology Provide Great Support for Business and School Applications

- Cutting Edge Technology Provides High-Quality Picture
- Outstanding Performance and High-Quality Reliability
- Intuitive Design and Functions to Support Presentation Convenience
- Multiple Connections for a Wide Range of Applications
- Condenser Lens Optics; Crisp detail, sharper black and ghost-less image.
- 4:3 and 16:9 Aspect Ratios and HDTV / DTV and DVD Compatible (1080P, 1080I, 720P, 576P, 576I, 540P, 480P and 480I).
- Image Shift Function; Images projected in 16 x 9 format can be vertically shifted for better viewing in limited spaces.
- Theft Deterrent Function "System Lock"
- Key Lock Function
- Warranty 3 years

# PG-F312X

Specifications (Tentative)		
Model		PG-F312X
Display device		0.55" DLP® chip x 1
Resolution		XGA (1024 x 768)
Brightness		3 000 ANSI lumens
Contrast ratio		2 200:1
Lens	F number	F 2.5 - 2.6
	Zoom	Manual, x 1.15 (f = 20.4 - 23.5 mm)
	Focus	Manual
Picture size		40"(102 cm) to 300"(762 cm)
Projection distance		40": 1.5 - 1.7 m, 100": 3.7 - 4.3 m, 300: 11.2 m
Input signals	DTV	1080P, 1080i, 720P, 576P, 576i, 540P, 480P, 480i NTSC, PAL, SECAM
	Computer RGB * Compression	UXGA <sup>*1,2</sup> , SXGA <sup>*1,2</sup> , SXGA <sup>*1</sup> , WXGA <sup>*1</sup> , XGA, SVGA, VGA Mac 21" <sup>*1,2</sup> , 19" <sup>*2</sup> , 16" <sup>*2</sup> , 13" <sup>*2</sup>
Input terminals	DVI-I (Compatible with HDCP)	x 1
	Computer / Component (mini D-sub 15 pin)	x 1
	S-Video (mini DIN 4 pin)	x 1
	Video (RCA)	x 1
	Audio (φ3.5 mm stereo mini jack)	x 1
	Audio (RCA)	x 1 (L/R)
Output terminals	Computer / Component (mini D-sub 15 pin)	x 1
	Audio (φ3.5 mm stereo mini jack)	x 1 (variable audio output)
Control and communication terminals	USB (Type B)	x 1
	RS-232C (mini DIN 9 pin)	x 1
Horizontal frequency		15 - 110 kHz
Vertical frequency		45 - 85 Hz
Speaker		2 W (mono)
Fan noise		37 dB (Bright), 29 dB (Eco + Quiet)
Projection lamp		250 W
Lamp life		4 000 hours (Eco + Quiet)
On-screen display languages		English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Simplified Chinese, Korean, Japanese
Rated voltage		AC 100-240 V
Rated frequency		50/60 Hz
Input current		3.4 A
Power consumption (standby)		326 W (5.0 W) with AC 100 V, 316 W (5.7 W) with AC 240 V
Heat dissipation		1 230 BTU / hour with AC 110 V (Bright), 830 BTU / hour with AC 110 V (Eco+Quiet) 1 190 BTU / hour with AC 240 V, 810 BTU / hour with AC 240 V (Eco+Quiet)
Operation temperature		+5° C to +35° C
Cabinet		Plastic
Dimensions (main body only) W x H x D		270 x 89 x 265 mm
Weight (approx.)		2.9 kg
Supplied accessories		Remote control, two R-6 batteries, power cord 1.8 m, RGB cable 3.0 m, lens cap, DIN-D-sub RS-232C adaptor 5 cm, storage case, operation manual, CD-ROM

Design and specifications are current as of March 2008, but are subject to change without notice.

\*1 Compatible in intelligent compression \*2 Analog RGB signal only

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- All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers. Sharp makes no warranties or representations of any kind with respect to these products.
- The lamp life may vary depending on the usage condition.

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