

SHARP

PG-M20S

True SVGA Mobile DLP Projector

NEW PRODUCT PREVIEW



Product appearance is subject to change.

With even Higher Performance Features from an Exclusively Thin, Portable Body, the PG-M20S Provides CV-IC System II High Quality Images and Excellent PC Compatibility

- 1300 ANSI Lumen High Brightness • 1000:1 High Contrast Ratio • Low Fan Noise: 37dB
- Slim and Unique Design with Sharp's Original Straight DLP Optical System
- 3x-Speed Colour Wheel minimizes colour breaking
- SXGA+ (1400 dots x 1050 lines) and Mac 21" (1280 dots x 1024 lines) High-Resolution Images Compatible in Advanced Intelligent Compression System (AICS)
- True SVGA (800 dots x 600 lines) High-Resolution Images
- CV-IC System II (Motion Detecting I/P Conversion, New Dynamic Gamma, Noise Reduction, New Edge Line Correction, Enhanced 3-2 Pull-Down, New Intelligent Compression, Colour Management Circuitry)
- DTV/HDTV: 1080i (50 Hz/60 Hz), 720P, 480P with 4:3 and 16:9 aspect ratios and DVD Compatible
- sRGB Compatibility ensures true colour reproductivity.
- 2000-Hour Lamp Life, among the longest in the Micro-Portable Projector Category.
- Brightness Switchover Function: 1300/1040 ANSI Lumen Brightness Switchable
- Active Digital Keystone Correction (IDWS) • Auto Search Function • Digital Shift Function
- Theft Deterrent Function (System Lock Function) to deter the theft.
- High-Speed (2-3 sec.) Auto Response Adjust (ARA) (automatically synchronizes Phase, Clock, H-Pos, V-Pos) and Sync. On Green/Composite Sync. Signals Compatible
- Sharp's Original Pull-Down Menu GUI (Graphical User Interface)
- Monitor Output Capability with Optional Adaptor.
- Advanced Picture-In-Picture Function allows moving the inset picture freely.
- High Quality Video Picture Circuits (Digital Comb Filter, Digital Noise Reduction, Colour Transient and Y Delay, Colour Temperature Adjustment)
- Presentation Support: Enlarge, Freeze, Startup Images (Default and Custom Images), Resize

Specifications (Tentative)

Display technology	0.55" (1.4 cm) DDR 12" Digital Micromirror Device™ (DMD™) x 1 by Texas Instruments
Number of pixels	800 x 600 pixels
Resolution	500 TV lines (S-Video input)
Video/data systems	RGB input signals: SXGA+, SXGA, XGA, Mac 21"/19" (in advanced intelligent compression), SVGA, VGA, VESA, Mac 16"/13", 15-102 kHz (horizontal), 43-160 Hz* (vertical), 12-120 MHz (pixel clock) (plug & play VESA; DDC 1/2B) Video colour systems: NTSC/NTSC 4.43/PAL/PAL (60 Hz)/SECAM/DTV (480i/480P/720P/1080i-50 Hz/60 Hz)
Lens	1:1.2 manual zoom and focus
Projection size	40" (102 cm) to 300" (762 cm) diagonal
Projection distance	40" (102 cm): 2.0-2.4 m, 100" (254 cm): 5.1-6.2 m, 300" (762 cm): 15.4 m
Luminance	1300 ANSI lumen (Standard Mode)/1040 ANSI lumen (Low Power Mode)
Contrast ratio	1000:1 (full on/off), 800:1 (ANSI lumen measurement setting)
Audio amplifier	2 W mono
Speakers	4 cm x 3 cm (x 1)
Input terminals	Video x 1 (RCA), S-video x 1, audio L/R stereo x 1 (RCA), DVI (digital/analogue) x 1, USB x 1
Power source	100-240 VAC, 50/60 Hz (Multi-Voltage)
Power consumption	290 W (Standard Mode)/250 W (Low Power Mode)/1 W (on standby)
Power dissipation	1090 BTU/hour (Standard Mode)/940 BTU/hour (Low Power Mode)
Projection lamp	DC 210 W SHP (2000 hour lamp life)
Dimensions (W x H x D)	219 x 76.1 x 302.5 mm (8.6" x 3" x 11.9") (body only) 223 x 82.9 x 318.3 mm (8.8" x 3.3" x 12.5") (including adjuster legs and projecting parts)
Weight	2.6 kg (5.8 lbs.)

- * The DVI terminal is not compatible with Sync. On Green Function.
 - * Signals input through the DVI terminal are not output through terminals.
 - * Temporary noise may be visible with vertical frequencies above 100 Hz if OSD functions are activated.
 - * Digital Light Processing, DLP, and Digital Micromirror Device are trademarks of Texas Instruments.
- Design and specifications are current as of August 2002, but are subject to change without notice.

Notevision

1300 ANSI LUMEN

MOBILE & Lightweight	1000:1 HIGH CONTRAST	37 dB LOW NOISE	sRGB	DIGITAL KEYSTONE CORRECTION	DIGITAL COMB FILTER	ARA
DYNAMIC GAMMA CORRECTION	PROGRESSIVE MODE	Graphical User Interface	SXGA+ ADVANCED INTELLIGENT COMPRESSION	XGA 1024 X 768	SVGA 800 X 600	DIGITAL NOISE REDUCTION
DTV HDTV COMPATIBLE	MULTI SYSTEM	AUTO VOLTAGE	300" 7.6 m	Tabletop	Ceiling	

