



The Sharp WXGA PG-F255W utilizes the latest Texas Instruments® DLP® BrilliantColor™ technology – providing a full 1280 x 800 native resolution, with compatibility up through UXGA (1600 x 1200). With this “future-proof” resolution, the PG-F255W is able to project not only standard XGA and 720P HDTV, but also “pixel perfect” 1280 x 800 resolution from the newest generation Wide-XGA PCs. DLP BrilliantColor technology expands the color palette for more realistic and lifelike color reproduction, and the Condenser Lens Optical system further ensures superior color accuracy. With built-in RJ-45 LAN connectivity, 2500 ANSI Lumens, advanced HDCP Compliant DVI-I input and built-in Closed Caption, the Sharp PG-F255W meets the needs of most any corporate, educational or house-of-worship setting. DLP sealed system along with filter-free design and ultra-quiet cooling fans further make the PG-F255W a projector of choice for rental/staging, government installations and other extended-use environments.

Features:

“Future-Proof” WXGA 1280 x 800 Resolution (16:10 aspect ratio) The PG-F255W is able to display standard XGA data and video, 1280 x 720 HDTV (16:9 aspect ratio), as well “pixel-perfect” 1280 x 800 WXGA (16:10 aspect ratio) from the newest generation PCs.

HDCP Compliant DVI-I (Digital and Analog) Input for easy setup, and secure, virtually noise-free digital connection.

BrilliantColor Technology for superior color accuracy with more realistic and lifelike image reproduction.

High Brightness and Contrast 2500 ANSI Lumens, with 2200:1 Contrast Ratio.

Screen Size and Projection Distance

Projection (Screen) Size			Projection Distance [L]		Distance from the lens center to the bottom of the image
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
16:10 Aspect Ratio (Normal Mode)					
300"	254"	159"	30' 5"	35' 0"	2-53/64"
250"	212"	132"	25' 4"	29' 2"	2-29/64"
200"	170"	106"	20' 3"	23' 4"	1-57/64"
150"	127"	79"	15' 2"	17' 6"	1-27/64"
120"	102"	64"	12' 2"	14' 0"	1-9/64"
100"	85"	53"	10' 2"	11' 8"	15/16"
80"	68"	42"	8' 1"	9' 4"	3/4"
60"	51"	32"	6' 1"	7' 0"	9/16"
40"	34"	21"	4' 1"	4' 8"	3/8"
4:3 Aspect Ratio (Normal Mode)					
300"	240"	180"	34' 5"	-	3 13/64"
250"	200"	150"	28' 8"	33' 1"	2 43/64"
200"	160"	120"	22' 11"	26' 5"	2 9/64"
150"	120"	90"	17' 3"	19' 10"	1 39/64"
120"	96"	72"	13' 9"	15' 10"	1 9/32"
100"	80"	60"	11' 6"	13' 3"	1 1/16"
80"	64"	48"	9' 2"	10' 7"	55/64"
70"	56"	42"	8' 0"	9' 3"	3/4"
60"	48"	36"	6' 11"	7' 11"	41/64"
40"	32"	24"	4' 7"	5' 3"	27/64"

Wide Computer Compatibility including Intelligent ImageACE™ resizing for compatibility up through UXGA (1600 x 1200).

RJ-45 Network Connector for remote access by web browser, diagnosis and auto e-mail sending, and ability to link to a specific website for service and support.

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

DLP Sealed System with Filter-Free Design and Ultra-Quiet Cooling Fans for reliable, extended use operation.

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

Built-In Closed Caption Decoder with black and white text for easy readability.

Presentation Assist Functions (by remote control) include page up/down, GUI (Graphic User Interface) pointer, spotlight and mouse control.



Back Panel

Specifications

Model Number	PG-F225W	
Display Technology	Single 0.65" DLP® chip	
Pixel Resolution	WXGA (1280 x 800) Native Resolution up through UXGA (1600 x 1200) with Intelligent ImageACE™ resizing	
Contrast Ratio	2200:1	
ANSI Lumens	2500	
Lens	Manual 1.15x Zoom (f = 20.4 – 23.5 mm) F2.5 – 2.6	
Input Signals	Computer RGB *Compression	UXGA*1*2, SXGA+*1*2, SXGA*1, XGA, SVA, VGA / Mac 21"*1*2, 19"*2, 16"*2, 13"*2
	DTV	1080p, 1080i, 720p, 576p, 576i, 540p, 480p, 480i / NTSC, PAL, SECAM
Estimated Lamp life	Up to 2000 Hours (standard mode) / Up to 4000 Hours ("eco+quiet" mode)	
Inputs / Outputs	1 - RGB/Component Input (15-pin HD); 1 - DVI-I RGB HDCP; 1 - Composite Video Input (RCA pin type); 1 - S-Video (4-pin DIN); 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 (Variable Audio Output) Line Out (3.5mm mini jack); 1 - RS-232C (mini DIN 9-pin); USB for Mouse Control; RJ-45 LAN Connector	
Audio Power	2 Watts (Monaural)	
Fan Noise	37 db (Bright), 29 db (Eco+Quiet)	
IR Wireless Remote Control	Yes - with on-screen break timer, GUI (Graphic User Interface) pointer, spotlight, forward/back presentation control and mouse control.	
RS-232C IN	Yes (mini DIN 9-pin)	
LAN Connectivity	Built-in RJ-45 LAN Connector	
Closed Caption (CC1, CC2)	Yes	
Horizontal Frequency	15 - 110 kHz	
Vertical Frequency	45 - 85 Hz	
Control Systems	Compatible with Crestron®, AMX®, Extron®, Bitlogix®	
Main Body Dimensions (W x H x D)	10-41/64" x 3-33/64" x 10-7/16"	
Weight	6.4 lbs.	
Lamp Module	AN-F212LP or AN-F212LP/1 (200 Watt DC, User-Replaceable)	
Included Accessories	Wireless Remote Control; two AA Batteries; 6' AC Power Cord; 10' RGB Signal Cable; Attached Lens Cap; Projector Operation Manual; CD-ROM, RS-232C Control Adapter; Storage Bag	
Optional Accessories	AN-XRCM30 Ceiling Mount Bracket; AN-EP101B Ceiling Mount Extension Tube; AN-JT200 Angle-Mount Joint for ceiling mount; AN-CMCSS16 16" Security Cable System (for use with ceiling mount); AN-CMCSS46 46" Security Cable System (for use with ceiling mount); AN-C3CP2 3-RCA to 15-pin D-sub cable (10'); AN-A1RS Spare RS-232C Adapter; AN-MR2 Remote IR Receiver (for forward/back presentation control in ceiling mount installations); AN-C3BN 5-BNC to 15-pin D-sub Cable (10'); AN-C500SB Light-Duty Storage Bag; AN-C600WCC Hard-Shell Wheeled Storage Bag; AN-C600SC "ATA" Storage Case	
Power Source	AC 100 – 240 V, 50/60 Hz, 2.9A Input Current	
Power Consumption	267W @ 100V (10.5W std. standby mode); 259W @ 240V (11.0W std. standby mode)	
Limited Warranty*3	2 Years Parts and Labor including 2 Years "ER" 24-Hour Turnaround Express Repair. (90 day warranty on user-replaceable projection lamp.)	
UPC	074000365759	

*1 Compatible in intelligent compression

*2 Analog RGB signal only

*3 See warranty statement included in the product operation manual. PDF download at www.sharppusa.com.

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