

PG-F320W | Multimedia Projectors



Designed to offer maximum flexibility, image quality and performance, the Sharp Notevision® WXGA PG-F320W utilizes the latest Texas Instruments® DLP® BrilliantColor™ technology – providing a full 1280 x 800 native resolution, with compatibility up through UXGA analog RGB (1600 x 1200). With this “future proof” resolution, the PG-F320W is able to project not only standard XGA and “720p” HDTV, but also “pixel perfect” 1280 x 800 resolution from the newest generation of 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. Built-in RJ-45 LAN connectivity, DVI-I input and 3000 ANSI lumens.

Features

- **"Future Proof" WXGA 1280 x 800 (16:10 aspect ratio)**
displays standard XGA data and video, 1280 x 720 HDTV (16:9 aspect ratio) as well as “pixel perfect” 1280 x 800 WXGA (16:10 aspect ratio) from the newest generation of PCs.
- **Texas Instruments BrilliantColor DLP Technology**
for superior color accuracy with more realistic and lifelike image reproduction.
- **3000 ANSI Lumens**
ensures high brightness for use in most any conference room or classroom setting.
- **Sealed Optics, Integrated Air Filter and Ultra-Quiet Cooling Fans**
for reliable, extended-use operation.
- **Wide Computer and Video Compatibility – including HDCP Compliant DVI-I (Digital / Analog)**
With native WXGA resolution (1280 x 800) and compatibility up through UXGA analog RGB (1600 x 1200), the PG-F320W easily interfaces with PC and Mac® computers, as well as DTV and HDTV formats for connection to DVD players, VCRs, tuners and video game systems. An HDCP compliant DVI-I input ensures secure and virtually noise-free images from digital as well as analog RGB sources.
- **Low Power "Eco + Quiet" Mode with New High Efficiency Lamp**
provides increased lamp life (up to 3000 hours*) with reduced power consumption for lower cost of ownership along with ultra-quiet operation.

Specifications

- Includes Wireless Remote with Forward/Back PC and Mouse Control, Spotlight Function, On-Screen Pointer and Image "Freeze" and Break Timer**
for convenient remote control of all standard operations and presentation support.
- On-Screen Setup Guide and "Help" Function**
ensures easy set up and simplified operation.
- Short-Throw Manual Zoom/Focus Lens**
allows for large projected image from short throw distance.
- Brightness** 3000 ANSI Lumens Standard Mode
- Display Resolution (Native)** WXGA (1280 x 800)
- Resolution Capability (Maximum)** UXGA analog RGB (1600 x 1200) with ImageACE™ Resizing
- Compatibility** Computer Compatibility: PC, Mac
Video Compatibility (DTV/HDTV): 480i, 480p, 540p, 576i, 576p, 720p, 1035i, 1080i, 1080p with 4:3 and 16:9 aspect ratios
- Frequency Range** 15-110 kHz Horizontal / 45-85 Hz Vertical
- Weight / Dimensions (w x h x d)** 9.1 lbs. / 12-13/32" x 4-19/64" x 11-1/32" (main body)
- Unique Feature(s)** Texas Instruments BrilliantColor Technology; Sealed DLP system; HDCP compliant DVI-I (digital/analog) input; RJ-45 LAN Connector; CMS Color Management System
- Price (MSRP)** \$2,995
- Panel Type** 0.65" DLP® - 12°
- Dot Clock** 12-170 MHz
- PC Compatibility** Yes
- Mac® Compatibility** Yes
- Video System** NTSC 3.58, 4.43 / PAL, 60, M, N / SECAM
- DTV/HDTV Compatibility** 480i, 480p, 540p, 576i, 576p, 720p, 1035i, 1080i, 1080p
- Video Circuitry** RGB plus Bright Boost and I/P Conversion; BrilliantColor™ DLP technology

■ Resizing	Intelligent ImageACE™ Resizing for compatibility up through UXGA analog RGB (1600 x 1200)
■ Contrast Ratio	2000:1
■ Lens Type	1:1.15x Manual Zoom and Focus, F2.4-2.6, f=18.7-21.5mm, Throw Ratio: 1.75-2.0
■ LAN Terminal/AN Terminal	RJ-45 (built-in)
■ PC Control	RS-232C (includes RS-232C control adaptor)
■ Remote Control	IR Wireless Remote Control with forward/back PC presentation and mouse control, on-screen pointer, spotlight function, image "freeze" and break timer
■ Wired Remote	No
■ Audio System	2 Watt monaural
■ Lamp	275 Watt DC type (end-user replaceable) - model number AN-F310LP or AN-F310LP/1
■ Fan Noise	35dB in standard mode; 30dB in low-power ("eco + quiet") mode
■ Power Source	100V - 240V AC, 50/60Hz
■ Power Consumption	363W in "bright" lamp setting / 294W in "eco + quiet" lamp setting and "normal" fan mode / 10.5W standby
■ Presentation Tools	Incorporated into the wireless remote: Forward/back presentation and mouse control, spotlight function, on-screen break timer and image "freeze"
■ Limited Warranty	2 years parts and labor (excluding projector lamp), including 2-years of Sharp "ER" 24-hour turnaround Express Repair. 90 days on user-replaceable projector lamp.
■ Computer Inputs	DVI-I Digital/Analog RGB / HDCP; Computer/RGB (or Component) - mini D-sub 15 Pin
■ Video Inputs	DVI-I Digital/Analog RGB / HDCP; Component Video (or RGB/Computer) - mini D-sub 15 Pin; Independent S-Video - 4-pin mini DIN and Composite Video - RCA pin-type

- **Audio Inputs** PC/Component Stereo Audio Input - 3.5mm stereo mini Connector; "Video" Stereo Audio Input - 1-pair RCA pin-type
- **Outputs** RGB Monitor Loop-Through - 15 Pin HD; "VAO" (Variable Audio Output) line-out - 3.5mm stereo mini connector
- **Additional Connectors** RJ-45 LAN connector. Also RS-232C Input - 9 pin mini DIN (RS-232C Control Adaptor is included in the box)
- **Included Accessories** Wireless Remote Control; two "AA" batteries; 6' AC Power Cord; 10' RGB signal cable; attached lens cap; operation manual; CD-ROM manual; RS-232C control adaptor; storage bag
AN-XRCM30 ceiling mounting bracket; AN-EP10B extension tube for ceiling mount; AN-JT200 angle mount joint for ceiling mount; AN-CMCSS46 46" security cable system for use with ceiling mount and extension tube; AN-CMCSS16 16" security cable system for use with ceiling mount; AN-C3CP2 component video (3-RCA) to 15-pin D-Sub cable (10'); AN-A1RS RS-232C adaptor; AN-MR2 remote IR receiver (for forward/back presentation control in ceiling mount applications); AN-C500SB lightweight storage bag; AN-C600WCC hard-shell wheeled storage bag; AN-C600SC "ATA" type storage case.
Replacement Lamp Module: AN-F310LP or AN-F310LP/1
- **Optional Accessories**
- **Min/Max Screen Size** 40" - 300" (diagonal, 4:3)
- **Min/Max Projection** 16:10 aspect ratio: 3' 11" (for 40" diagonal) up to 33'8" (for 300" diagonal); 4:3 aspect ratio: 4'5" (for 40" diagonal) up to 38'1" (for 300" diagonal)
- **Other** 1280 x 800 WXGA native resolution; HDCP Compliant DVI-I Input; DTV/ HDTV compatibility (both 4:3 and 16:9); Incorporates Texas Instruments BrilliantColor DLP Technology. RJ-45 LAN connector.

Please see spec sheet for additional feature and specification information.

*Up to 3000 Hours Lamp Life in low power ("eco + quiet") mode; up to 2000 Hours Lamp Life in standard mode.

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