



Epson EB-G5100

Specification Sheet

Epson EB-G5100		V11H272053
PROJECTION SYSTEM		
	RGB Liquid Crystal Shutter Projection System	
PROJECTION METHOD		
	Front / Rear / Ceiling Mount	
SPECIFICATION OF MAIN PARTS		
LCD	Size	0.8 inches with MLA
	Driving method	Poly-Silicon TFT Active Matrix
	Pixel number	786,432 pixels (1024 x 768) x 3
	Native resolution	XGA
	Aspect ratio	4:3
	Pixel arrangement	Cross Stripe
	Refresh Rate	50Hz-60Hz
PROJECTION LENS	Type	Manual: zoom / focus
	F-number	1.64 - 2.5
	Focus length	21.27 - 37.93mm
	Zoom ratio	1:1.8
PROJECTION LAMP	Type	E-TORL 210 W UHE
	Optical System	Dichroic Mirror Separation & Prism Combine Method
SCREEN SIZE (PROJECTED DISTANCE)		
	30 to 300 inch [0.77m to 8.08m] (Zoom: Wide),	
	30 to 300 inch [1.42m to 14.57m] (Zoom: Tele)	
	100" screen 2.66m - 4.83m	
LENS SHIFT RANGE		
	MANUAL Vertical +/-60% max (upward and downward)	
	Horizontal +/-10% max (left and right)	
BRIGHTNESS		
	High Brightness Mode 4000 Lumens (Colour mode: Game, Zoom: Wide)	
	Low Brightness Mode 3200 Lumens (Colour mode: Game, Zoom: Wide)	
CONTRAST		
	1000:1	
BRIGHTNESS UNIFORMITY		
	86%	
COLOUR REPRODUCTIVITY		
	Full Colour (16.77 million colours)	
SOUND OUTPUT (INTERNAL SPEAKER) 7W MONAURAL		
FUNCTION		
	Pointer, User Logo, A/V mute, Freeze, E Zoom, Test Pattern	
EFFECTIVE SCANNING FREQUENCY RANGE (Analog)		
	PIXEL CLOCK	13.5MHz to 162MHz (up to UXGA 60Hz)
	HORIZONTAL	15KHz to 99KHz
	VERTICAL	50Hz to 120Hz
ADJUSTMENT FUNCTION		
PROJECTOR / REMOTE CONTROL	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal	
FOOT ADJUSTER	Front-centre / Rear side	
TILT ANGLE	-2.5 to 10 degrees	
KEystone CORRECTION	Vertical: -40 to +40 degrees (Zoom: Tele) Horizontal: -20 to +20 degrees (Zoom: Tele)	
QUICK CORNER	Yes	
SOURCE SEARCH	Yes	
AUTO DETECTION OF RGB YCbCr	Yes	
MULTI SCREEN COLOUR ADJUSTMENT	Yes	
OPERATION PANEL PROTECTION	Yes	
PASSWORD PROTECTED	Yes	
HIGH ALTITUDE MODE	Yes	
COLOUR MODE	PC Photo, Presentation, Text, Theatre, Game, SRGB, Blackboard	
ANALOGUE RGB I/O		
DISPLAY PERFORMANCE	Native 1024 x 768 pixels	
INPUT SIGNAL	Signal type Separate signal Video signal Analogue (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm) Sync. signal Separate (positive & negative, bi-polarity 2-5Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp) Audio signal 500mVrms / 47K-ohm	
VIDEO INPUT TERMINAL	D-sub 15pin x 2 Blue-moulding	
VIDEO I/O		
DISPLAY PERFORMANCE	NTSC: 560 lines PAL: 560 lines (Depends on observation of the multi burst pattern)	
INPUT SIGNAL	Video standard NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM Video signal Composite Video (1.0Vpp / sync negative, 75ohm) / S-Video (Luminous 0.714Vpp, Chrominous 0.286Vpp, 75ohm) / Component Video (Analog Y level 0.7V 75 ohm / Cr Cb level +/-0.35V 75ohm / sync negative 0.3V or 3-state +/-0.3V on Y) / Video-RGB (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm) Audio signal 500mVrms / 47Kohm	
VIDEO INPUT TERMINAL	Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN Component Video: Mini D-sub 15pin Blue-moulding x 2 (in common with Analog RGB connector) Video-RGB: Mini D-sub 15pin 2 x Blue-moulding (in common with Analog RGB connector)	

CONTROL I/O		
USB I/O	I/O terminal	N/A
	I/O speed	N/A
SERIAL I/O	I/O Terminal	D-sub 9 pin x 1
	I/O signal	RS-232C

NETWORK I/O		
USB I/O	Type	N/A
	Supported wireless LAN unit N/A	
	Wired LAN	RJ45 x 1

OPERATING TEMPERATURE		
	0°C to 40°C (32°F to 104°F), (20% - 80% Humidity unfrozen)	
	Thermal shutdown > 45 degree C	
	0°C to 35°C (32°F to 95°F), (over 1500m with high altitude mode, High brightness)	

OPERATING ALTITUDE		
	0m to 3000m < 0ft to 9843ft > (over 1500m / 4,921ft with high altitude mode)	

DIRECT POWER ON/OFF	YES
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COOL-DOWN PERIOD INSTANT	OFF
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THEFT PROOF		
	Security Cable Hole	Yes
	Kensington Lock	Yes

POWER SUPPLY VOLTAGE	100-240V AC±10% 50/60Hz
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POWER CONSUMPTION		
	lamp On	327W
	Stand by (network on)	12W
	Stand by (network off)	0.6W

DIMENSIONS		
EXCLUDE FEET	311.5mm(D) x 470mm(W) x 135mm(H)	
MAXIMUM DIMENSION	311.5mm(D) x 470mm(W) x 151.5mm(H)	
WEIGHT	Approx. 6.6Kg	

FAN NOISE		
HIGH BRIGHTNESS MODE	35dB	
LOW BRIGHTNESS MODE	29dB	

ACCESSORIES		
POWER CABLE	3m	
COMPUTER CABLE	1.8m, D-sub 15pin (Male) - Mini D-sub 15pin (Male)	
USB CABLE	N/A	
REMOTE CONTROL	Included	
BATTERY	Alkaline AA x 2	
USER MANUAL SET	Included (CD-ROM)	
PROJECTOR SOFTWARE	Included (CD-ROM)	
PASSWORD PROTECT STICKER	Included	

EASY MP		
Function	Projector control and projector management via network Email notification SNMP PJ Link AMX Device Discovery compatible Web Control	
Software	EMP IP Link V4.21 (for Windows*) EMP Monitor (for Windows*#)	

* Software compatible with MS Vista
EMP NS Connection, EMP Monitor or EMP Slidemaker2 software does not support Win XP 64bit or Win Vista 64bit.

WARRANTY*		
	2 years excluding lamp	

* For more information visit <http://www.epson.com.au/warranty/>

PRODUCT OPTIONS		
Item Code	Description	
V11H272953	Main projector unit without standard lens	
V12H004S03	Standard Lens	
V12H004R03	Rear Projection Lens	
V12H004M04	Mid Throw Lens 1	
V12H004M05	Mid throw Lens 2	
V12H004L06	Long Throw Lens	
V13H134A17	Air Filter	
3YWEBG5100	3rd Year Warranty	
7100977	Standard flush Ceiling Mount	