



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

COOL-DOWN PERIOD INSTANT OFF

THEFT PROOF

Security Cable Hole	Yes
Kensington Lock	Yes

POWER SUPPLY VOLTAGE 100-240V AC±10% 50/60Hz

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