



Epson EMP-6100 Projector

Specifications Sheet

EMP-6100 Corporate Multimedia Projector.

Advanced protection and reliability for a wide range of operational environments.

PRODUCT TYPE	Install Multimedia Projectors
PRODUCT NAME	EMP-6100
PRODUCT CODE	V11H202053
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
PROJECTION LENS	Pixel arrangement	Cross Stripe
	Refresh Rate	50Hz-72Hz
	Type	Manual zoom & focus
	F-number	1.75 - 2.42
	Focus length	24 - 38.2mm
LAMP	Zoom ratio	1:1.6
	Lens Cover	Cover glass
	Type	230 W UHE
SCREEN SIZE (PROJECTED DISTANCE)	30 to 300 inch [1.39 to 14.69m] (Zoom: Tele),	
	30 to 300 inch [0.83 to 9.06m] (Zoom: Wide)	
Off set	60" screen 1.8m - 2.9m	
BRIGHTNESS	10:1	

BRIGHTNESS	High Brightness Mode	3500 ANSI lumens (Colour mode: Game, Zoom: Wide)
	Low Brightness Mode	2700 ANSI lumens (Colour mode: Game, Zoom: Wide)

CONTRAST	500:1
BRIGHTNESS UNIFORMITY	90% (Typ.)
COLOUR REPRODUCTION	Full colour (16.77 million colours)
VIDEO QUALITY	Simple Interlace - Progressive conversion
SOUND OUTPUT FUNCTION	5W monaural Pointer, User Logo, AV mute, Freeze, E Zoom, Help
COLOUR MODES	PC: Photo, Presentation, Theatre, Game, Blackboard, sRGB
	Video: Sports, Presentation, theatre, Game, sRGB, Blackboard

EFFECTIVE SCANNING FREQUENCY RANGE

PIXEL CLOCK	13.5MHz to 162MHz up to UXGA 60Hz
HORIZONTAL VERTICAL	15KHz to 99KHz 50Hz to 120Hz

ADJUSTMENT FUNCTION

PROJECTOR / REMOTE CONTROL	Brightness / Contrast / Tint / Saturation / Volume / Input signal etc.
Foot ADJUSTER	Front-right and left
TILT ANGLE	0 to 10 degrees
KEystone CORRECTION	Vertical: -30 to +30 degrees
SOURCE SEARCH	YES
AUTO DETECTION OF RGB/COMPONENT	YES
MULTI SCREEN COLOUR ADJUSTMENT	YES
OPERATION PANEL PROTECTION FUNCTION	YES
PASSWORD PROTECTED (Security Function)	YES (Protection of User logo, Time lock, Network)

ANALOGUE RGB I/O

DISPLAY PERFORMANCE	Native	1024 x 768 pixels
	Signal type	Separate signal
INPUT SIGNAL	Video signal	Analogue (0.7Vp-p, 75ohm / Mac 0.714Vp-p, 75ohm)
	Sync. signal	Separate (positive & negative, bi-polarity 2-5Vp-p) / Composite (positive & negative, bi-polarity 2-5Vp-p) / Sync-on-green (negative, 0.3Vp-p)
INPUT TERMINAL	Audio signal	500mVrms / 47K-ohm
	Video	Mini D-sub 15pin x 2 Blue moulding
	Audio	Stereo mini jack x 2

OUTPUT SIGNAL	Video Signal Analog (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)	
	Sync. Signal Separate (positive & negative, TTL) / Composite (positive & negative, TTL) / Sync. on green (negative 0.2-0.4 Vpp)	
OUTPUT TERMINAL	Video	Mini D-sub 15pin x1 Black moulding
	Audio	Stereo mini-jack

VIDEO I/O

DISPLAY PERFORMANCE	NTSC: 560 line PAL: 560 line (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 75ohm / 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)
INPUT TERMINAL	Audio signal	500mVrms / 47Kohm
	Video	Composite Video: RCA (Yellow) x1 S-Video: Mini DIN Component Video: Mini D-sub 15pin Blue moulding (in common with Analog RGB connector) Video-RGB: Mini D-sub 15pin Blue moulding (in common with Analog RGB connector)
	Audio	RCA (White/Red) x2

CONTROL I/O

USB I/O	I/O terminal	USB connector series B x1 (for mouse, K/B, control)
SERIAL I/O	I/O terminal	D-sub 9pin x1
	I/O signal	RS-232C RJ45 x1

NETWORK INTERFACE

OPERATING TEMPERATURE 0°C to 40°C (32°F to 104°F), (20% - 80% Humidity)

COOL-DOWN PERIOD 0 sec (Instant off)

START-UP PERIOD Approx. 15 seconds

POWER SUPPLY VOLTAGE 100 - 120V / 200 - 240V ±10%, 50/60Hz AC

DIMENSION

EXCLUDE FEET	340(D) x 465(W) x 146(H) mm
MAXIMUM DIMENSION	340(D) x 465(W) x 160(H) mm
WEIGHT	Approx. 7Kg

FAN NOISE

LOW BRIGHTNESS MODE	33dB
HIGH BRIGHTNESS MODE	39dB

ACCESSORIES

POWER CORD	3m
COMPUTER CABLE	1.8m, D-sub 15pin (Male) - D-sub 15pin (Male)
REMOTE CONTROL	Included
BATTERY	Alkaline AAA x 2
PASSWORD PROTECT SEAL	Included
OWNER'S MANUAL	Included

WARRANTY

STANDARD WARRANTY	2 years* *excluding lamp
PRODUCT CODE	V11H202053

PRODUCT OPTIONS

Product Code	Item Code	Description
ELP-LP37	V13H010L37	Lamp