



Epson EMP-X56 Specification Sheet

Entry Level Multimedia Projector

Epson EMP-X56 V11H307053

Value and Outstanding Performance

PROJECTION SYSTEM

RGB Liquid Crystal Shutter Projection System

PROJECTION METHOD

Front / Rear / Ceiling Mount

SPECIFICATION OF MAIN PARTS

LCD	Size	0.63 inches without 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

PROJECTION LENS	Type	Manual: zoom / focus
	F-number	1.6 -1.74
	Focal length	18.4mm - 22.12mm
	Zoom ratio	1.0 ~ 1.2 Optical

LAMP	Type	170W UHE
	Life	4000Hr (Low Brightness)
		3000Hr (High Brightness)

OPTICAL SYSTEM

Dichroic Mirror Separation & Prism combine method

SCREEN SIZE (PROJECTED DISTANCE)

30 to 300 inch [1.01 to 10.42m] (Zoom: Tele),
30 to 300 inch [0.84 to 8.66m] (Zoom: Wide)

BRIGHTNESS

High Brightness Mode	2600 ANSI lumens	(Colour mode: Game, Zoom: Wide)
Low Brightness Mode	2080 ANSI lumens	(Colour mode: Game, Zoom: Wide)

CONTRAST 400:1

BRIGHTNESS UNIFORMITY 90% (Typ.)

COLOUR REPRODUCTIVITY Full colour (16.77 million colours)

VIDEO QUALITY Simple Interlace-Progressive conversion

SOUND OUTPUT 1W monaural

EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)

PIXEL CLOCK	13.5MHz to 162MHz up to UXGA 60Hz
HORIZONTAL	15KHz to 92KHz
VERTICAL	50Hz to 85Hz

ADJUSTMENT FUNCTION

PROJECTOR / REMOTE CONTROL	Brightness / Contrast / Tint / Saturation / Sharpness / Input Signal Colour Temperature / Tracking / Position / Sharpness / Volume e.t.c.
FOOT ADJUSTER	Front-center
TILT ANGLE	0 to 11 degrees
KEystone CORRECTION	Vertical: -30 to +30 degrees
PASSWORD PROTECTED (security function)	Implemented

CONTROL I/O USB I/O TYPE B X 1 (FOR MOUSE CONTROL)

OPERATING TEMPERATURE

5°C to 35°C (41°F to 95°F) > (20%-80% Humidity)

COOL-DOWN PERIOD "INSTANT OFF"

START-UP PERIOD APPROX. 5 SEC. (WARM UP 30 SEC.)

ANALOGUE RGB I/O

DISPLAY PERFORMANCE	Native	1024 x 768 pixels
INPUT SIGNAL	Signal type	Separate signal
	Video signal	Analogue (0.7V p-p, 75ohm / Mac 0.714Vp-p, 75ohm)
	Sync. signal	Separate (positive & negative, bi-polarity 2-5 Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
	Audio signal	500mVrms / 47k-ohm
INPUT TERMINAL	Video	D-sub 15pin x 1 (Blue moulding)
	Audio	RCA x 1 (White/Red)
OUTPUT SIGNAL	Video	Analog (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
	Sync.	Separate (positive & negative, TTL) / (positive & negative, TTL) /
	Composite	(negative 0.2 - 0.4Vpp)
	Sync. on green	(negative 0.2 - 0.4Vpp)
OUTPUT TERMINAL	Video	D-sub 15pin x 1 (Blue moulding)

VIDEO I/O

DISPLAY PERFORMANCE	NTSC: 480 line 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 0.75V 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)
	Audio signal	500mVrms / 47k-ohm
INPUT TERMINAL	Video	Composite Video: RCA (Yellow) x1
		S-Video: Mini DIN
	Component Video:	D-sub 15pin (Blue moulding)
	Audio	RCA x 2 (White/Red)

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

POWER CONSUMPTION

100-240VAC 2.7-1.1A 50/60Hz
248W/231W (Lamp on) 4.1Ww/5.8W (standby, network off)

DIMENSIONS

EXCLUDE FEET	245(D) x 327(W) x 92(H) mm
MAXIMUM DIMENSION	245(D) x 327(W) x 108(H) mm

WEIGHT Approx. 2.7kg

FAN NOISE

HIGH BRIGHTNESS MODE 35dB
LOW BRIGHTNESS MODE 28dB

WARRANTY

STANDARD WARRANTY 2 years*

*excluding lamp
* For more information visit Epson Projector Warranty Website

ACCESSORIES

POWER CORD	3.0m
COMPUTER CABLE	1.8m, D-sub 15pin (Male)-Mini D-sub 15pin (Male)
REMOTE CONTROL	Included
SOFT CARRYING CASE	Included
PASSWORD PROTECT STICKER	Included
AIR FILTER	Included
OWNER'S MANUAL	CD-ROM

PRODUCT OPTIONS	ITEM CODE	DESCRIPTION
	V13H010L42	Lamp
	7012083	Ceiling mount with telescopic pole
	7012084	Ceiling mount standard
	3YWEMPX56	3rd Year Warranty