



Projector Specifications

General

Type of display	Liquid crystal panel, Thin Film Transistor (TFT)
Size of liquid crystal panels	1.32 inches (33.6 mm)
Resolution	640 (horizontal) x 480 (vertical) pixels
Image size	21 to 300 inches (0.5 to 7 meters)
Projection distance	4 to 40 feet (1.2 to 12.3 meters)
Projection method	Front projection only; no rear or upside-down projection
Remote control range	33 feet (10 meters)
Internal speaker system	3 W monaural
optical aspect ratio	4 x 3 (horizontal x vertical)
Zoom ratio	1:1.4
Projector lamp	
Type	UHP, AC
Power	100 W, 85 V
Part number	ELPLP02

Mechanical

Height	5.9 inches (13.7 cm)
Width	11.2 inches (28.3 cm)
Depth	15.0 inches (38.1 cm)
Weight	14.8 lb (6.7 kg)

Electrical

Voltage	100 to 120 VAC and 200 to 240 VAC
Rated frequency	50/60 Hz
Power	150 W, 6 W in Sleep mode ENERGY STAR Compliance
Consumption	100 to 120 VAC, 1.5 A, 50/60 Hz 200 to 240 VAC, 0.8 A, 50/60 Hz

Environmental

Temperature	Operation: 32 to 104° F (0 to 40° C) Storage: -4 to 140° F (-10 to 60° C)
Humidity	Operation: 20 to 80% RH, non-condensing Storage: 10 to 90% RH, non-condensing

Supported monitor displays

The projector displays images at a resolution of 640 x 480 pixels. To display a higher resolution image, the projector scales it to 640 x 480. The following table lists the display formats supported by the projector:

Computer type	Formats	Resolutions
IBM PC and IBM PC compatible	VGA, VESA, JEGA	640 x 480
	CGA	640 x 200 640 x 400
	SVGA	800 x 600
Apple Macintosh	Standard 8 and 24-bit color monitor	640 x 480 832 x 624'
NEC PC		640 x 480

Note: The frequencies of some computers may not allow the image to be displayed correctly.

Note: This projector is compatible with DDC-capable graphic sub-systems and boards only.

*** The horizontal viewing area is adjustable.**

EPSON ELP-3500 Multimedia Projector

Projector Placement Guidelines

The distance between the projector and the screen determines the actual image size. Use the general guidelines in the table below to determine the proper distance.

Image size (diagonal)	Horizontal distance from the projector screen		Vertical distance from the projector to the screen
	Minimum	Maximum	
300 inches	N/A	484.3 inches (12.3 m)	20.1 inches (51 cm)
200 inches	322.8 inches (8.2 m)	460.2 inches (11.7 m)	13.4 inches (34 cm)
100 inches	161.4 inches (4.1 m)	228.3 inches (5.8 m)	6.7 inches (17 cm)
80 inches	126 inches (3.2 m)	181 .1 inches (4.6 m)	5.5 inches (14 cm)
60 inches	94.5 inches (2.4 m)	137.8 inches (3.5 m)	3.9 inches (10 cm)
40 inches	63 inches (1.6 m)	90.6 inches (2.3 m)	2.8 inches (7 cm)
30 inches	47.2 inches (1.2 m)	66.9 inches (1.7 m)	2.0 inches (5 cm)
21 inches	47.2 inches (1.2 m)	N/A	1.2 inches (3 cm)

Status Lights

The control panel lights let you know the status of the projector at a glance, as described below.

Status light	Function
Power	
Steady orange:	Sleep mode. (The projector is plugged in, but not operational.)
Steady green:	Power is on, the projector lamp is lit, and the projector is projecting.
Flashing green:	The projector is cooling down.
Video, Comp	Indicates whether video equipment (Video) or a computer (Comp) is currently selected as the image source.
1, 2, 3	Indicates the currently selected setup memory area.

Note: You cannot turn on the projector when the power light is flashing green to indicate the lamp is cooling down.

Monitor and VGA Connector Pin Assignments

The monitor connector is a female video RGB, 15-pin micro-D-style connector, and the VGA connector is a male video RGB, 15-pin micro-D-style connector. The pin assignments for both connectors are:

Input pin	Signal
1	Red analog input
2	Green analog input with composite sync
3	Blue analog input
4	GND
5	GND
6	Red GND
7	Green GND
8	Blue GND
9	+5v
10	Sync GND
11	GND
12	SDA
13	Horizontal sync/composite sync input
14	Vertical sync input
15	SCL+

Information Reference List

Engineering Change Notices

None.

Technical Information Bulletins

None.

Product Support Bulletins

None.

Related Documentation

4006226	EPSON ELP-3500 Multimedia Projector User's Guide
PL-ELP3500	EPSON ELP-3500 Multimedia Projector Parts Price List