

## **Projector Specifications**

### General

Type of display Poly-silicon Thin Film Transistor (TFT)

Size of liquid

crystal panels Diagonal: 1.3 inches (33.6 mm) Lens F=1.7 to 2.3, f=49 to 63 mm

Resolution  $1024 \times 768$  pixels (PowerLite 7600p)

800 × 600 (PowerLite 5600p)

Color reproduction 24 bit, 16.8 million colors

Brightness 2200 lumens (ANSI)

Contrast ratio 400 : 1 (PowerLite 7600p)

300 : 1 (PowerLite 5600p)

22 to 300 inches Image size

3.6 to 47.9 feet (1.1 to 14.6 meters) Projection distance Projection methods Front, rear, upside-down (ceiling mount)

Internal speaker

two 3-watt stereo speakers system Optical aspect ratio 4:3 (horizontal: vertical)

Zoom ratio 1:1.3Noise level 36 dB

Keystone correction

± 30° maximum angle

### **Projection Lamp**

Type UHE (Ultra High Efficiency)

Power

200 W consumption

Lamp life About 1500 hours

Part number ELPLP12

#### Remote Control

32.8 feet (10 meters) Range Batteries Alkaline AA (2)

#### **Mouse Compatibility**

Supports PS/2, USB, serial, ADB (optional cable required for serial and ADB)

#### Remote IR Receiver

Supports EPSON Remote IR Receiver, 10-foot cable (typical use for rear screen projection)

1/01

#### **Dimensions**

 Height
 6.1 inches (156 mm)

 Width
 11 inches (280 mm)

 Depth
 15.9 inches (403 mm)

Weight 14.9 lb (6.8 kg)

**Electrical** 

Rated frequency 50 to 60 Hz

Power supply 100 to 120 VAC, 3.4 A 200 to 240 VAC, 1.7A

Power

consumption Operating: 285 W

Standby: 9 W

**Environmental** 

Temperature Operating: 41 to 104° F (5 to 40° C),

non-condensing

Storage: 14 to 140° F (-10 to 60° C),

non-condensing

Humidity Operating: 20 to 80% RH,

non-condensing

Storage: 10 to 90% RH,

non-condensing

Safety

United States FCC Part 15B Class B

UL1950 Rev. 3

Canada DOC ICES003 Class B

CSA C22.2 No. 950 Rev. 3

CE Marking Directive 89/336/EEC, 92/31/EEC

EN 60950

#### **Compatible Video Formats**

The projector supports the following international video standards: NTSC, HDTV, PAL, and SECAM, as well as the monitor display formats listed below.

To project images output from a computer, the computer's video card must be set at a refresh rate (vertical frequency) that's compatible with the projector; see the following table for compatible formats. Some images are automatically resized to display in the projector's native format (XGA for the PowerLite 7600p, SVGA for the PowerLite 5600p). The frequencies of some computers may not allow images to display correctly; see your computer's documentation for details.

VGACGA         70         640 × 400           VGAEGA         70         640 × 350           VGA60         59.94         640 × 480           VGA72         72.809         640 × 480           VGA75         75         640 × 480           VGA85         85.008         640 × 480           NEC400         56.65         640 × 400           SVGA56         56.25         800 × 600           SVGA60         60.317         800 × 600           SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA431         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           XGA1-70         70.012         1152 × 864           XXGA1-75         75         1152 × 864           XXGA2-60         60         1280 × 960           XXGA2-85         85.002         1280 × 960     <	Mode	Refresh Rate (Hz)	Resolution
VGA60 59.94 640 × 480  VGA72 72.809 640 × 480  VGA75 75 640 × 480  VGA85 85.008 640 × 480  NEC400 56.65 640 × 400  SVGA56 56.25 800 × 600  SVGA60 60.317 800 × 600  SVGA72 72.188 800 × 600  SVGA75 75 800 × 600  SVGA85 85.061 800 × 600  XGA43i 86.958 1024 × 768  XGA60 60.004 1024 × 768  XGA70 70.069 1024 × 768  XGA85 84.997 1024 × 768  XGA85 84.997 1152 × 864  SXGA1—70 70.012 1152 × 864  SXGA1—75 75 1152 × 864  SXGA2—60 60 1280 × 960  SXGA2—75 75 1280 × 960  SXGA2—85 85.002 1280 × 960  SXGA2—85 85.024 1280 × 1024  XXGA3—85 85.024 1280 × 1024  UXGA66 60 1600 × 1200  UXGA65 65 1600 × 1200  UXGA66 65 1600 × 1200  UXGA70 70 1600 × 1200  UXGA70 70 1600 × 1200  UXGA65 65 1600 × 1200  UXGA70 70 1600 × 1200  UXGA70 70 1600 × 1200  UXGA85 85 1600 × 1200  UXGA85 85 1600 × 1200  UXGA86 85 1600 × 1200  UXGA86 85 1600 × 1200  UXGA86 86 662 640 × 480  MAC19 74.93 1024 × 768	VGACGA	70	640 × 400
VGA72         72.809         640 × 480           VGA75         75         640 × 480           VGA85         85.008         640 × 480           NEC400         56.65         640 × 400           SVGA56         56.25         800 × 600           SVGA60         60.317         800 × 600           SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA431         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           SXGA1—70         70.012         1152 × 864           SXGA1—75         75         1152 × 864           SXGA2—60         60         1280 × 960           SXGA2—75         75         1280 × 960           SXGA2—85         85.002         1280 × 1024           SXGA3—43i         86.871         1280 × 1024           SXGA3—85         85.024         1280 × 1024           SXGA3—85         85.024 <t< td=""><td>VGAEGA</td><td>70</td><td>640 × 350</td></t<>	VGAEGA	70	640 × 350
VGA75         75         640 × 480           VGA85         85.008         640 × 480           NEC400         56.65         640 × 400           SVGA56         56.25         800 × 600           SVGA60         60.317         800 × 600           SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA43i         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           SXGA1—70         70.012         1152 × 864           SXGA1—75         75         1152 × 864           SXGA2—60         60         1280 × 960           SXGA2—75         75         1280 × 960           SXGA2—85         85.002         1280 × 1024           SXGA3—43i         86.871         1280 × 1024           SXGA3—85         85.024         1280 × 1024           UXGA48i         96.08         1600 × 1200           UXGA60         60         1	VGA60	59.94	640 × 480
VGA85         85.008         640 × 480           NEC400         56.65         640 × 400           SVGA56         56.25         800 × 600           SVGA60         60.317         800 × 600           SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA43i         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           SXGA1—70         70.012         1152 × 864           SXGA1—85         84.999         1152 × 864           SXGA2—60         60         1280 × 960           SXGA2—75         75         1280 × 960           SXGA2—85         85.002         1280 × 960           SXGA3—43i         86.871         1280 × 1024           SXGA3—75         75.025         1280 × 1024           SXGA3—85         85.024         1280 × 1024           UXGA60         60         1600 × 1200           UXGA65         65	VGA72	72.809	640 × 480
NEC400         56.65         640 × 400           SVGA56         56.25         800 × 600           SVGA60         60.317         800 × 600           SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA43i         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           SXGA1—70         70.012         1152 × 864           SXGA1—85         84.999         1152 × 864           SXGA2—60         60         1280 × 960           SXGA2—75         75         1280 × 960           SXGA2—85         85.002         1280 × 960           SXGA3—43i         86.871         1280 × 1024           SXGA3—75         75.025         1280 × 1024           SXGA3—85         85.024         1280 × 1024           UXGA48i         96.08         1600 × 1200           UXGA60         60         1600 × 1200           UXGA75         75	VGA75	75	640 × 480
SVGA56         56.25         800 × 600           SVGA60         60.317         800 × 600           SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA43i         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           XGA85         84.997         1024 × 768           XGA85         84.997         1024 × 768           XGA75         75.029         1152 × 864           XXGA1—70         70.012         1152 × 864           XXGA1—75         75         1152 × 864           XXGA2—85         84.999         1152 × 864           XXGA2—75         75         1280 × 960           XXGA2—85         85.002         1280 × 960           XXGA3—85         85.002         1280 × 1024           XXGA3—60         60.02         1280 × 1024           XXGA3—85         85.024         1280 × 1024           XXGA3—85         85.024 <td>VGA85</td> <td>85.008</td> <td>640 × 480</td>	VGA85	85.008	640 × 480
SVGA60       60.317       800 × 600         SVGA72       72.188       800 × 600         SVGA75       75       800 × 600         SVGA85       85.061       800 × 600         XGA43i       86.958       1024 × 768         XGA60       60.004       1024 × 768         XGA70       70.069       1024 × 768         XGA75       75.029       1024 × 768         XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200 <t< td=""><td>NEC400</td><td>56.65</td><td>640 × 400</td></t<>	NEC400	56.65	640 × 400
SVGA72         72.188         800 × 600           SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA43i         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           SXGA1—70         70.012         1152 × 864           SXGA1—75         75         1152 × 864           SXGA1—85         84.999         1152 × 864           SXGA2—60         60         1280 × 960           SXGA2—75         75         1280 × 960           SXGA3—85         85.002         1280 × 1024           SXGA3—60         60.02         1280 × 1024           SXGA3—75         75.025         1280 × 1024           SXGA3—85         85.024         1280 × 1024           UXGA48i         96.08         1600 × 1200           UXGA65         65         1600 × 1200           UXGA75         75         1600 × 1200           UXGA75         75         1600 × 1200           UXGA75         75	SVGA56	56.25	800 × 600
SVGA75         75         800 × 600           SVGA85         85.061         800 × 600           XGA43i         86.958         1024 × 768           XGA60         60.004         1024 × 768           XGA70         70.069         1024 × 768           XGA75         75.029         1024 × 768           XGA85         84.997         1024 × 768           SXGA1—70         70.012         1152 × 864           SXGA1—75         75         1152 × 864           SXGA2—60         60         1280 × 960           SXGA2—75         75         1280 × 960           SXGA2—85         85.002         1280 × 1024           SXGA3—43i         86.871         1280 × 1024           SXGA3—60         60.02         1280 × 1024           SXGA3—85         85.024         1280 × 1024           SXGA3—85         85.024         1280 × 1024           UXGA48i         96.08         1600 × 1200           UXGA65         65         1600 × 1200           UXGA75         75         1600 × 1200           UXGA75         75         1600 × 1200           UXGA75         75         1600 × 1200           UXGA80         80	SVGA60	60.317	800 × 600
SVGA85       85.061       800 × 600         XGA43i       86.958       1024 × 768         XGA60       60.004       1024 × 768         XGA70       70.069       1024 × 768         XGA75       75.029       1024 × 768         XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MAC16       74.55       832 × 624         MAC16       74.55       832 × 624         MAC19       74.93       1024 × 768 <td>SVGA72</td> <td>72.188</td> <td>800 × 600</td>	SVGA72	72.188	800 × 600
XGA43i       86.958       1024 × 768         XGA60       60.004       1024 × 768         XGA70       70.069       1024 × 768         XGA75       75.029       1024 × 768         XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MAC16       74.55       832 × 624         MAC16       74.55       832 × 624         MAC19       74.93       1024 × 768	SVGA75	75	800 × 600
XGA60       60.004       1024 × 768         XGA70       70.069       1024 × 768         XGA75       75.029       1024 × 768         XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA2—85       84.999       1152 × 864         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA65       65       1600 × 1200         UXGA70       70       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MAC13       66.62       640 × 480         MAC16       74.55       832 × 624         MAC19       74.93       1024 × 768	SVGA85	85.061	800 × 600
XGA70       70.069       1024 × 768         XGA75       75.029       1024 × 768         XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC16       74.55       832 × 624         MAC19       74.93       1024 × 768	XGA43i	86.958	1024 × 768
XGA75       75.029       1024 × 768         XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA3—85       85.002       1280 × 960         SXGA3—60       60.02       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 19—60       59.28       1024 × 768         MAC 19       74.93       1024 × 768	XGA60	60.004	1024 × 768
XGA85       84.997       1024 × 768         SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC 19—60       59.28       1024 × 768         MAC 19       74.93       1024 × 768	XGA70	70.069	1024 × 768
SXGA1—70       70.012       1152 × 864         SXGA1—75       75       1152 × 864         SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC 19—60       59.28       1024 × 768         MAC 19       74.93       1024 × 768	XGA75	75.029	1024 × 768
SXGA1—75       75       1152 × 864         SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC 19—60       59.28       1024 × 768         MAC 19       74.93       1024 × 768	XGA85	84.997	1024 × 768
SXGA1—85       84.999       1152 × 864         SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	SXGA1—70	70.012	1152 × 864
SXGA2—60       60       1280 × 960         SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	SXGA1—75	75	1152 × 864
SXGA2—75       75       1280 × 960         SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA75       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC 19—60       59.28       1024 × 768         MAC 19       74.93       1024 × 768	SXGA1—85	84.999	1152 × 864
SXGA2—85       85.002       1280 × 960         SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	SXGA2—60	60	1280 × 960
SXGA3—43i       86.871       1280 × 1024         SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC 16       74.55       832 × 624         MAC 19—60       59.28       1024 × 768         MAC 19       74.93       1024 × 768	SXGA2—75	75	1280 × 960
SXGA3—60       60.02       1280 × 1024         SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA75       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	SXGA2—85	85.002	1280 × 960
SXGA3—75       75.025       1280 × 1024         SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	SXGA3—43i	86.871	1280 × 1024
SXGA3—85       85.024       1280 × 1024         UXGA48i       96.08       1600 × 1200         UXGA60       60       1600 × 1200         UXGA65       65       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	SXGA3—60	60.02	1280 × 1024
UXGA48i 96.08 1600 × 1200  UXGA60 60 1600 × 1200  UXGA65 65 1600 × 1200  UXGA70 70 1600 × 1200  UXGA75 75 1600 × 1200  UXGA80 80 1600 × 1200  UXGA85 85 1600 × 1200  MACLC13 66.62 640 × 480  MAC II 13 66.67 640 × 480  MAC 16 74.55 832 × 624  MAC19 74.93 1024 × 768	SXGA3—75	75.025	1280 × 1024
UXGA60 60 1600 × 1200  UXGA65 65 1600 × 1200  UXGA70 70 1600 × 1200  UXGA75 75 1600 × 1200  UXGA80 80 1600 × 1200  UXGA85 85 1600 × 1200  MACLC13 66.62 640 × 480  MAC II 13 66.67 640 × 480  MAC16 74.55 832 × 624  MAC19—60 59.28 1024 × 768  MAC19 74.93 1024 × 768	SXGA3—85	85.024	1280 × 1024
UXGA65       65       1600 × 1200         UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	UXGA48i	96.08	1600 × 1200
UXGA70       70       1600 × 1200         UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	UXGA60	60	1600 × 1200
UXGA75       75       1600 × 1200         UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	UXGA65	65	1600 × 1200
UXGA80       80       1600 × 1200         UXGA85       85       1600 × 1200         MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	UXGA70	70	1600 × 1200
UXGA85     85     1600 × 1200       MACLC13     66.62     640 × 480       MAC II 13     66.67     640 × 480       MAC16     74.55     832 × 624       MAC19—60     59.28     1024 × 768       MAC19     74.93     1024 × 768	UXGA75	75	1600 × 1200
MACLC13       66.62       640 × 480         MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	UXGA80	80	1600 × 1200
MAC II 13       66.67       640 × 480         MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	UXGA85	85	1600 × 1200
MAC16       74.55       832 × 624         MAC19—60       59.28       1024 × 768         MAC19       74.93       1024 × 768	MACLC13	66.62	640 × 480
MAC19—60 59.28 1024 × 768 MAC19 74.93 1024 × 768	MAC II 13	66.67	640 × 480
MAC19 74.93 1024 × 768	MAC16	74.55	832 × 624
	MAC19—60	59.28	1024 × 768
MAC21 75.062 1152 × 870	MAC19	74.93	1024 × 768
	MAC21	75.062	1152 × 870

Mode	Refresh Rate (Hz)	Resolution
HDTV480P (ANSI/ SMPTE)	59.94	720 × 483
HDTV480P (ATSC)	59.94	704 × 480
HDTV480I (ANSI/ SMPTE)	59.94	720 × 487
HDTV480I (ANSI/ SMPTE)	59.94	1920 × 1080
HDTV480I (ATSC)	59.94	704 × 480
HDTV720P (SMPTE)	59.94	1280 × 720
HDTV1080I (ANSI/ SMPTE)	59.94	1920 × 1080
HDTV1080P (ANSI/ SMPTE)	59.94	1920 × 1080
NTSC (SVGA)	60	800 × 438
NTSC (XGA)	60	1024 × 438
PAL (SVGA)	50	800 × 512
PAL (XGA)	50	1024 × 512
SECAM (SVGA)	50	800 × 512
SECAM (XGA)	50	1024 × 512

### **Computer Video Port Pin Assignments**

The Computer 1 analog port is a female video RGB, 15-pin micro-D-style connector. Here are the pin assignments:

Pin #	Computer 1 port (analog)
1	Red video
2	Green video
3	Blue video
4	Monitor (ID bit 2)
5	GND
6	Red video GND
7	Green video GND
8	Blue video GND
9	+5V
10	Synchronous GND
11	Monitor (ID bit 0)
12	SDA
13	Horizontal sync
14	Vertical sync
15	Reserved

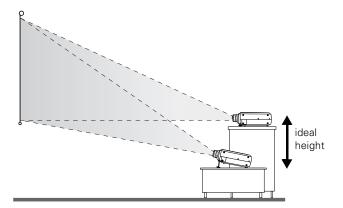
## **Positioning the Projector**

Follow these guidelines to get the best results when projecting:

- ☐ Place the projector on a sturdy, level surface, between 3.6 and 48 feet from the screen.
- ☐ Make sure there is plenty of space for ventilation around and under the projector.
- ☐ Make sure the projector is within 6 feet of a grounded electrical outlet or extension cord and within 5 feet of the image source.
- ☐ Face the projector squarely toward the screen. Otherwise, your image won't be square.

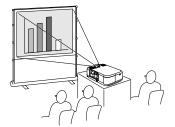
**Note:** It's easier to position the projector when the screen is directly in front of the room. If the screen is placed diagonally in a corner, it's much more difficult to aim the projector squarely at the screen and get a non-distorted image.

If you place the projector below the level of the screen, you'll have to tilt it up by extending the feet as shown. Tilting the projector upward causes the image to lose its square shape, but you can correct the distortion by pressing the **Keystone** button as described on page 8.

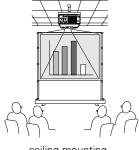


If you place the projector level with the bottom of the screen, the image will be square and you won't have to adjust it. If you place the projector higher than the bottom of the screen, the image will still be square, but you won't be able to fill the whole screen with the image.

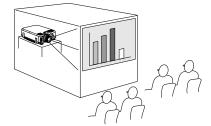
The projector can be installed for three different viewing setups: front projection, ceiling mounting, or rear projection onto a semi-transparent screen, as shown:



front projection



ceiling mounting



rear projection

To project from overhead, you'll need to select Ceiling in the projector's Advanced menu. To project from the rear, select Rear Proj.

If you're ceiling-mounting the projector and you place it above screen level, you'll have to tilt it down to position the image on-screen. This causes the image to lose its square shape. You can then correct the distortion by using the Keystone function in the projector's menu system or by using the Keystone button on the projector's control panel.

If you place the projector's lens so it's level with the top of the screen, the image will be square and you won't have to adjust it. If you place the lens lower than the top of the screen, you'll have to tilt the projector upward if you want to fill the whole screen with the image.

### **Image Size and Projection Distance**

Use the tables below to estimate how far to place the projector from the screen. Since the size of the image can be changed by rotating the zoom ring, a range of distance is given for each screen size.

Note that if you tilt the projector upward by extending the feet or use electronic keystone correction, your image size may vary.

#### Standard lens

Diagonal screen size	Distance
30 inches	3.6 to 4.6 feet (1.1 to 1.4 meters)
60 inches	7.2 to 9.5 feet (2.2 to 2.9 meters)
100 inches	12.1 to 15.7 feet (3.7 to 4.8 meters)
200 inches	24.9 to 31.8 feet (7.6 to 9.7 meters)
300 inches	36.4 to 47.9 feet (11.1 to 14.6 meters)

#### Long throw zoom lens (ELPAL01)

Diagonal screen size	Distance
30 inches	4.23 to 5.71 feet (1.29 to 1.74 meters)
60 inches	9.06 to 11.94 feet (2.76 to 3.64 meters)
100 inches	15.45 to 20.28 feet (4.71 to 6.18 meters)
200 inches	31.46 to 41.08 feet (9.59 to 12.52 meters)
300 inches	47.44 to 61.88 feet (14.46 to 18.86 meters)

#### Wide angle lens (ELPAW01)

Diagonal screen size	Distance
30 inches	2.49 to 3.35 feet (0.76 to 1.02 meters)
60 inches	5.25 to 6.96 feet (1.60 to 2.12 meters)
100 inches	8.96 to 11.8 feet (2.73 to 3.59 meters)
200 inches	18.1 to 23.8 feet (5.53 to 7.26 meters)
300 inches	27.3 to 35.8 feet (8.31 to 10.90 meters)

## **Displaying an Image**

Once the projector is connected to your computer or video source and plugged in, press the red Power button on top of the projector to turn it on. The power light flashes green as the projector warms up, and the projection lamp comes on in about 30 seconds. The power light stays green, and you may see a blue screen with the message No Signal displayed. This is normal.

Do one of the following:

- ☐ Turn on or restart your computer. In a few moments, you should see your computer display projected.
  - (Windows only: If you see a New Hardware Found message saying that it has found a plug-and-play monitor, click Cancel.)
- ☐ If you're projecting a video, press the Play button on your video source.

If a projected image fails to appear, see the next section for help.

#### What To Do If You See a Blank Screen

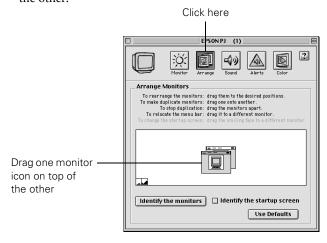
If you see a blank screen or a blue screen with the message No Signal after turning on your computer or video source, do one of the following:

- Make sure the cables are connected correctly, as described in the *User's Guide*.
- ☐ Make sure the power light is green and not flashing and the lens cover is off.
- ☐ Try restarting your computer.
- ☐ If you've connected more than one computer and/or video source, you may need to press the Computer or Video button on top of the projector to select the correct source. Allow a few seconds for the projector to sync up after pressing the button.

## If you're using a PowerBook:

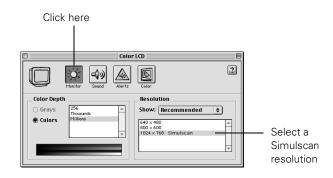
You may need to set up your system to display on the projector screen as well as the LCD screen. Follow these steps:

 From the Apple menu, select Control Panels, then click Monitors and Sound. Click the Arrange icon and drag one monitor icon on top of the other.



If the Arrange option isn't available, you may need to select one of the Simulscan resolution settings:

1. Click the Monitor icon.



2. Select a Simulscan resolution as shown. Allow a few seconds for the projector to sync up after making the selection.

#### If you're using a PC laptop:

- □ Hold down the Fn key and press the function key that lets you display on an external monitor. It's often labelled with an icon such as □/□ but it may also be labelled CRT/LCD. Allow a few seconds for the projector to sync up after pressing it.
  - On most systems, the <code>[]</code>/ key lets you toggle between the LCD screen and the projector, or display on both at the same time. Check your laptop's manual or online help for details.
- ☐ Depending on your computer's video card, you might need to use the Display utility in the Control Panel to make sure that both the LCD screen and external monitor port are enabled. See your computer's documentation or online help for details.

### Resizing the Image

Some computer images need to be resized to display in the projector's native format. If only part of your computer image is displayed, you can correct it with the Resize button.

- ☐ Press the Resize button on the control panel. The screen image is automatically compressed.
- ☐ Continue pressing the Resize button to pan around the screen in the original resolution.

If you're projecting from video equipment, pressing the Resize button switches the aspect ratio between 4:3 and 16:9. If you've zoomed in on your image (using the E-Zoom button on the remote), you can press the Resize button to restore the original display size.

### **Adjusting the Image Shape**

If the projected image isn't square or has a "keystone" shape, do one or more of the following:

- ☐ If your image looks like ☐ or ☐ , you've placed the projector off to one side of the screen, at an angle. Move it directly in front of the center of the screen, facing the screen squarely.
- ☐ If your image looks like ☐ or ☐, press the + or side of the Keystone button to correct the shape of the image. After correction, your image will be slightly smaller.

You can also perform electronic keystone correction using the projector's Setting menu.

### **Switching Between Picture Sources**

If your projector is connected to more than one computer and/or video source, you can use the buttons on the control panel (or remote control) to switch between the different sources.

On the control panel, press the Computer button to switch between the computer sources and press the Video button to switch between standard (composite) video, S-Video, and component video (BNC).

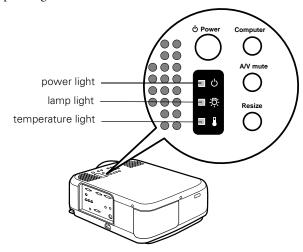
On the remote control:

- ☐ Press the Video button to switch between a standard composite video source and an S-Video source.
- ☐ Press the Comp1 button to select your first computer.
- ☐ Press the Comp2/YCbCr button to select your second computer or a component video source.

After you select a source, the screen goes dark for a moment before the image appears.

## **Projector Status Lights**

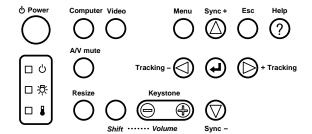
The lights on top of the projector indicate the projector's operating status.



Light	Status	Description and action
Ф	Does not come on	Make sure the power cord is securely connected at both the power outlet and projector.
Ф	Green	The projector is operating normally.
Ф	Flashing green	The projector is warming up. Wait for the image to appear.
Ф	Orange	The projector is in sleep mode. You can unplug it to turn it off, or press the Power button to turn it on.
Ф	Flashing orange	The lamp is cooling down. Wait for the indicator light to stop flashing before unplugging the projector or turning it back on.
Ф	Flashing red	Power is cut off because of an internal problem. Disconnect the power cord and contact EPSON for help.
-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Flashing orange	The lamp is almost burned out. This is a good time to replace it.
- <u>\</u> \.	Flashing red	The lamp is burned out and must be replaced. If you've just replaced the lamp, make sure the cover is fastened securely.

Light	Status	Description and action
	Flashing orange	The projector is getting too hot. Turn it off and let it cool. Make sure the temperature surrounding the projector does not exceed 104° F and there is plenty of space around and under the projector for ventilation. Clean the air filter if necessary.
•	Red	The projector has overheated and turned off automatically. Let it cool for a few minutes, then turn it back on. Make sure there is plenty of space around and under the projector for ventilation. Clean or replace the air filter, as needed. If it continues to overheat, there may be a problem with the cooling fan or internal circuits; contact EPSON for help.
	Flashing red	There is a problem with the cooling fan or temperature sensor. Turn off the projector and unplug it. Contact EPSON for help.

# **Using the Control Panel**



The following table summarizes the functions on the control panel.

Button	Function
Power	Starts or stops projection.
Help	Displays the online help menu.
Computer	Switches between Computer 1 and Computer 2.
A/V mute	Turns off the audio and video. (In the menu system, you can set whether the screen appears black or blue, or displays a user logo.)
Resize	Resizes non-standard computer video formats so they appear correctly on screen. Switches the aspect ratio between 4:3 and 16:9 when video images are being projected.
Video	Switches between standard (composite) video, S-Video, and component video (BNC).
Menu	Displays or hides the menu screen.

Button	Function
Esc	Stops the current function. Pressing Esc while viewing a menu or the online help displays the previous screen or menu.
Sync + Sync –	Synchronizes the computer's graphic signal. Use these buttons to adjust a fuzzy-looking image that contains a lot of fine detail. Allows selection of a menu or menu options if the menu screen is displayed.
Tracking – Tracking +	Matches the projector's internal clock to computer graphic signals. Use these buttons to eliminate vertical stripes or bands from an image that contains a lot of fine detail. Also changes settings during menu operations.
<b>Enter</b>	Selects a menu option or the next menu/help screen. Pressing Enter when no menu or help screen is displayed optimizes the computer image.
Shift	Pressing the shift and Keystone buttons at the same time increases or decreases the sound volume.
- Keystone +	Use after tilting the projector (extending its feet) to square up the image. Corrects up to a ±30° tilt.
- Volume +	Adjusts the volume when pressed with the Shift button.

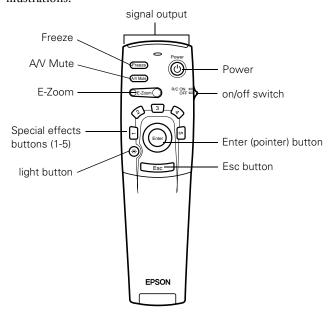
## **Using the Remote Control**

The remote control uses a line-of-sight infrared signal. It lets you access the projector's features from anywhere in the room—up to 32 feet away. (This distance may be shorter if the remote control batteries are low.) If you have connected the mouse cable, you can also use the remote control as a wireless mouse.

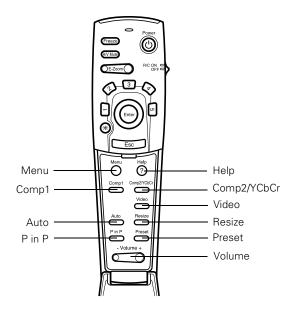
The projector may not respond to remote control commands in these conditions:

- ☐ The remote control is not turned on (using the switch on its side)
- ☐ You are too far away or not within 30° to the left or right of the front or rear sensor or 15° above or below
- ☐ Batteries are weak
- ☐ Ambient light is too bright
- ☐ A fluorescent light is shining into the infrared receiver
- ☐ A strong light source (such as direct sunlight) shines into the infrared receiver
- ☐ Other equipment emitting infrared energy is present (such as a radiant room heater)

The remote control buttons are shown in the following illustrations.



Open the cover just below the Esc button to access these remote control buttons:



This table summarizes the functions on the remote control.

Button	Function
Power	Starts or stops the projector.
R/C on/off	Turns the remote control on or off.
Freeze	Keeps the current computer or video image on the screen.
A/V mute	Turns off the audio and video, displaying the black, blue, or user logo background.
E-Zoom	Changes the image size up to 4×. Pressing the right side of the button enlarges the image, pressing the left side reduces the image. To display a portion of an enlarged image which is outside the display area, press the Enter button and scroll the image to the desired location.
Effects buttons	Display preprogrammed special drawing effects on the screen. Additional effects can be selected through the Effect menu or programmed using the EMP Link V software.
Enter (pointer button)	Use the Enter button to navigate the menus or use the remote as a mouse pointer when the projector is connected to the computer with the mouse cable. When the image source is a computer, the Enter button acts as a mouse left-click.
Light	Illuminates all buttons on the remote control temporarily. If the buttons don't light up, the batteries may be weak.
Esc	Stops the current function. Pressing Esc while viewing a menu or the online help displays the previous screen or menu. When the image source is a computer, the Esc button acts as a mouse right-click.
Menu	Displays or hides the menu.
Help	Displays the online help menu.
Comp1	Switches to the Computer 1 image.
Comp2/YCbCr	Switches to the Computer 2 or component video source.
Video	Switches to the standard composite video or S-Video source.
Auto	Optimizes the computer image.
Resize	Resizes SXGA and other video formats so they appear correctly on the screen. Switches the aspect ratio between 4:3 and 16:9 when video images are being projected.
P in P	Displays a video or S-video image in a subscreen on the main display. Use the Enter button to reposition the Picture in Picture (P in P) screen, or the E-Zoom button to enlarge or reduce the image. Changes made to the P in P screen location and size are automatically carried over to the next P in P session.

Button	Function
Preset	Saves and recalls up to five different session settings (resolution, tracking, sync signal, and position). To save the current session settings, press the Preset button and it will be assigned the next available number, 1 through 5. To recall a setting, press the Preset button a second time and move to the desired session number. To overwrite a saved setting, move to the setting you want to replace and press Enter. When the confirmation message displays, choose Yes and press Enter.
- Volume +	Adjusts the volume.

The five special effects buttons are preprogrammed with the following functions.

Button	Function
1	Changes the mouse cursor to a pointer or cursor stamp
2	Lets you draw one or more boxes on the screen
3	Spotlights a section of the screen
4	Lets you place a vertical or horizontal bar on the screen to highlight a part of your image
5	Erases the drawing effects on the screen

Note: You can use the projector's Effect menu to select different options for each of the drawing tools.

# **Cleaning the Lens**

Warning: Before you clean any part of the projector, turn it off and unplug the power cord. Never open any cover on the projector, except the lamp and filter covers. Dangerous electrical voltages in the projector can injure you severely. Do not try to service this product yourself, except as specifically explained in this Product Information Guide. Refer all other servicing to qualified service personnel.

Clean the lens whenever you notice dirt or dust on the surface.

- ☐ Use a canister of compressed air to remove dust.
- ☐ To remove dirt or smears on the lens, use lens cleaning paper. If necessary, moisten a soft cloth with an alcoholbased cleaner and gently wipe the lens surface.

## **Cleaning the Projector Case**

Before you clean the projector case, turn off the projector and unplug the power cord.

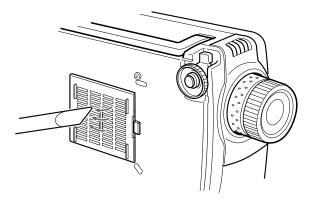
- ☐ To remove dirt or dust, wipe the case with a soft, dry, lint-free cloth.
- ☐ To remove stubborn dirt or stains, moisten a soft cloth with water and a neutral detergent. Then wipe the case.
- ☐ Do not use alcohol, benzene, thinner, or other chemical detergents. These can damage the case.

## Cleaning or Replacing the Air Filter

Clean the air filter at the bottom of the projector after every 100 hours of use. If it is not cleaned periodically, it can become clogged with dust, preventing proper ventilation. This can cause overheating and damage the projector.

Follow these steps:

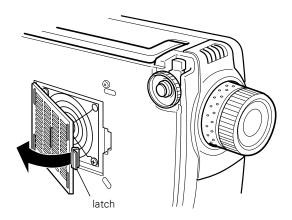
- 1. Turn off the projector, allow it to cool down, and unplug the power cord.
- 2. Turn the projector on its side so that the handle is on top and you can access the filter easily.
- 3. To clean the filter, EPSON recommends using a small vacuum cleaner designed for computers and other office equipment. If you don't have one, gently clean the filter using a very soft brush (such as an artist's camel-hair brush).



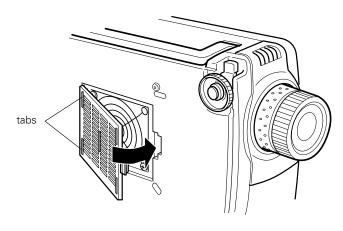
If the dirt is difficult to remove or if the filter is torn, replace it. Contact your dealer or call EPSON at (800) 873-7766 in the United States and Canada to obtain a new one.

**Note:** When you get a replacement lamp for your projector, a new air filter is included. You should replace the filter when you replace the lamp.

4. If you need to replace the filter, make sure the projector is on its side as shown (not turned upside down) to prevent dust from falling inside. Then release the latch to remove the filter.



5. To install the new filter, first insert the tabs, then press on the latch until it clicks in place.



## Replacing the Lamp

The projection lamp typically lasts for about 1500 hours of use. It is time to replace the lamp when:

- ☐ The projection image gets darker or starts to deteriorate.
- ☐ The lamp warning light 🖔 is flashing red or orange.
- ☐ The message LAMP REPLACE appears on the screen when the projector lamp comes on (after about 1400 hours of use). To maintain projector brightness and image quality, replace the lamp as soon as possible.

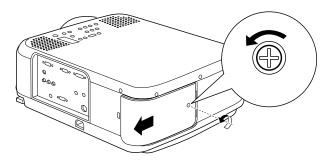
**Note:** You can check to see how many hours the lamp has been used through the About menu.

Contact your dealer or call EPSON at (800) 873-7766 in the United States and Canada for a replacement lamp. Request part number ELPLP12.

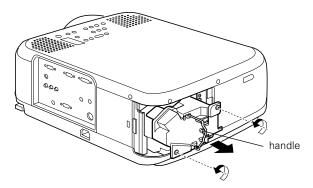
Follow these steps to replace the lamp:

- 1. Turn off the projector and unplug the power cord.
- 2. Allow the projector to cool down for at least an hour (if it has been on).
- 3. Use a screwdriver to loosen the screw on the lamp cover. (You can't remove the screw from the cover.)

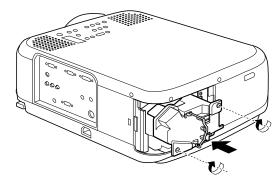
When the screw is loose, slide off the lamp cover.



- 4. Use a screwdriver to loosen the two screws holding the lamp in place. (You can't remove these screws.)
- 5. Lift up the wire handle, as shown, and pull the lamp straight out.



6. Fully insert the new lamp.



Caution: Do not touch the glass portion of the lamp assembly.

You can purchase these accessories from your dealer or by calling EPSON at (800) 873-7766; or visit the EPSON Store

at www.epson.com (U.S. sales only). In Canada, please call

- 7. Once the lamp is fully inserted, tighten its screws.
- 8. Replace the lamp cover and tighten its screw securely. (The projector won't come on if the lamp cover is loose.)
- 9. Reset the lamp timer as described in the following section.

### **Resetting the Lamp Timer**

After you install a new lamp, you need to reset the timer so the projector can keep track of how many hours it has been used. Follow these steps:

- 1. Press the Help button and hold it down for at least 5 seconds. The Help menu will be displayed and then you will see a menu asking if you want to reset the lamp ON time.
- 2. Use the left arrow button (control panel) or press left on the Enter button (remote control) to select Yes.
- 3. Press Enter to reset the timer.

(800) 873-7766 for dealer referral.

## **Related Documentation**

CPD-11582 EPSON PowerLite 5600p and 7600p

User's Guide

CPD-11583 EPSON PowerLite 5600p and 7600p

Quick Setup Poster

Service Manual TBD

Parts Price Lists PL-EMP5600

PL-EMP7600

## **Optional Accessories**

Product	Product number
Replacement lamp and air filter	ELPLP12
Long throw zoom lens	ELPAL01
Wide angle lens	ELPAW01
Customized carrying cases: Samsonite® wheeled soft case ATA molded hard shell case ATA shipping case	ELPKS35 ELPKS38 ELPKS39
Ceiling mount	ELPMB34
Suspension adapter for ceiling mount	ELPMBAST
Kensington security lock	ELPSL01
Portable projection screens: 50-inch 60-inch 80-inch	ELPSC06 ELPSC07 ELPSC08
Wireless microphone and two satellite speakers	ELPCUS1
Auxiliary audio system	ELPPAS1
Remote control receiver (plugs into projector to extend range of remote control)	ELPST02
Remote control receiver kit (includes standard receiver and clip-on receiver for attachment directly to remote control)	ELPST04
Macintosh adapter set (includes monitor adapter and desktop adapter)	ELPAP01
Component video cable (VGA to 3BNC)	ELPKC19
Digital video cables: DVI to DVI, 10 feet (3 meters) DVI to DFP, 10 feet (3 meters)	ELPKC20 ELPKC21