

POWERLITE® CINEMA 500



Vision For over 60 years, Epson has developed technologies that have profoundly affected the world. Like the fact that Epson is the number one manufacturer of LCDs used in projection engines worldwide. Now, we're bringing our technical expertise in digital imaging to the world of home entertainment. So you'll get a whole new way to experience the thrill of gargantuan pictures – right in your own living room. Welcome to the wide world of Epson ☰

- Rich feature set
- Exceptional image quality
- Native 720p resolution and 16:9 aspect ratio
- 3-LCD Epson technology
- Maximum 1200:1 contrast ratio
- Up to 1000 ANSI lumens
- Faroudja DCDi technology with 3:2 pulldown
- HDMI capable
- Total color control – 6 color axis adjustment and black and white enhancement
- Remarkable video processing
- Wide range vertical and horizontal lens shift
- Easy to install, plus complete control over your cinema experience
- Renowned Epson service and support

For the ultimate cinematic experience, this powerhouse offers native 720p resolution for incredible image quality, as well as fine shadow detail. A Faroudja DCDi™ video processor provides remarkable clarity and a color gamut that's second to none. And of course, there's robust digital connectivity. If you want the best home theater room, this is as good as it gets ☰

EPSON

Epson PowerLite Cinema 500

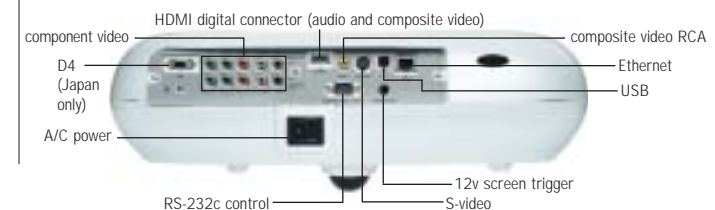
SPECIFICATIONS

PROJECTION SYSTEM	Epson original LCD prism technology
PROJECTION METHOD	Front/rear/ceiling mount
LCD	
Size	0.7" wide
Driving method	Poly-silicon TFT Active Matrix
Pixel number	1280 x 720 pixels
Native resolution	720p
Aspect ratio	16:9
Pixel arrangement	Stripe
Refresh rate	50Hz or 60Hz (based on input signal)
PROJECTION LENS	
Type	Powered zoom/focus
F-number	2.1 – 4.3
Focal length	21.4 – 31.7mm
Zoom ratio	1 – 1.5
LAMP	
Type	200W UHE Lamp
Life*	3000H (Theater Black/Theater/Natural/s-RGB), 1700H (Living Room/Dynamic)
OPTICAL SYSTEM	Dichroic Mirror Separation and Prism Combine Method
SCREEN SIZE (PROJECTED DISTANCE) - 16:9 IMAGE	
Wide	30" to 300" (2.9' – 29.9')
Tele	30" to 300" (4.4' – 44.8')
LENS SHIFT RANGE	
Vertical	100% max (upward), 50% max (downward)
Horizontal	50% max (left and right)
BRIGHTNESS	Up to 1000 ANSI lm (Color Mode:Living Room/Dynamic)
CONTRAST RATIO	Up to 1200:1 (Color Mode:Theater Black)
BRIGHTNESS UNIFORMITY (TYPICAL)	90%
COLOR REPRODUCTION	Full Color (16.77 million colors)
EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)	
Pixel clock	13.5MHz to 81MHz
Horizontal	15KHz to 92KHz
Vertical	50Hz to 85Hz
ADJUSTMENT FUNCTION	
Tilt angle	0 to 2.5°
Keystone correction	Vertical: +/-15°
Cinema filter	Controlled automatically with color mode (ON: Theater/Natural/s-RGB, OFF:Living Room/Dynamic)
VIDEO I/O	
Input signal	Component Input
Video standard	480i/575i/480p/575p/720p/1080i
Video signal	Component Video (Analog Y level 0.7V

Input	75 ohm/Cr Cb level +/-0.35V 75 ohm/ sync.negative 0.3V or 3-state+/-0.3V on Y) RCA x 3 (Red/Green/Blue), D4 video (only for Japan)
Input signal	Composite/S-Input
Video standard	NTSC/NTSC4.43/PAL/M-PAL/N-PAL/ PAL60/SECAM
Video signal	Composite Video (1.0Vpp/sync.negative, 75 ohm)/S-Video (Luminous 0.714Vpp, Chrominous 0.286Vpp, 75 ohm)
Input	S-Video Video
S-Video	Mini DIN 4pin
Video	RCA (Yellow) x 1
RGB	Analog RGB I/O
Display performance	
Native	720p
Resize	1024 x 768/800 x 600/640 x 480/480i/480p/ 575i/575p/1080i
Input signal	Separate Signal
Signal type	Analog (0.7V p-p, 75 ohm/Mac0.714Vp-p, 75ohm)
Video signal	Separate (positive and negative, bi-polarity 2-5Vpp) Composite (positive and negative, bi-polarity 2-5Vpp)/Sync-on-green (negative, 0.3Vpp)
Sync. signal	
Input	Video
Video	5 RCA (Red/Green/Blue/H-sync/V-sync) x 2
HDMI	
Input signal	Video standard
Video standard	480i/575i/480p/575p/720p/1080i
Video signal	TMDS
Input	Video
Video	HDMI x 1
CONTROL I/O	
Serial I/O	I/O terminal
I/O terminal	Mini D-sub 9 pin x 1 USB-type B
I/O signal	RS-232c
LOCK FUNCTION	Operation-lock, Focus-lock, Zoom-lock
OPERATING TEMPERATURE	41°F to 95°F (5°C to 35°C)
Cool-down period	Approx. 30 seconds
Start-up period	Approx. 15 seconds
POWER SUPPLY VOLTAGE	100-240 VAC ±10% , 50/60Hz
POWER CONSUMPTION	100V area

Lamp ON	290W (Lamp high), 230W (lamp low)
Standby	0.4W
120V area	
Lamp ON	290W (Lamp high), 230W (lamp low)
Standby	0.4W
230V area	
Lamp ON	280W (Lamp high), 220W (lamp low)
Standby	0.7W
Except Japan	100 - 240VAC 50/60Hz 3.3 - 1.5A
DIMENSIONS	
Includes lens and feet	13.6"D x 17.7"W x 5.8"H
Excludes lens and feet	13.6"D x 17.7"W x 4.7"H
WEIGHT	Approx. 13.8 lbs/6.2kg
FAN NOISE	
Normal mode (Dynamic/Living Room)	36dB
Quiet mode (Theater Black/Theater/Natural/s-RGB)	27dB
WARRANTY	
Two-year parts and labor limited warranty, 90-day lamp warranty, Epson Home Service Program and Epson PrivateLine dedicated toll-free support (U.S. and Canada only)	
ACCESSORIES IN THE BOX	
Power cord	3m
Remote control	Stick type
Battery	AA x 2
USB cable	1.8m
Epson cinema color editor CD	Included
User's manual	Yes
Warranty instructions	Yes
PrivateLine card	Yes
PRODUCT/ACCESSORY PART NUMBERS	
Epson PowerLite Cinema 500	V11H139020
Replacement lamp (ELPLP28)	V13H010L28
Air filter set (ELPAF04)	V13H134A04
Ceiling mount - pearl white	ELPHB02
SUPPORT-THE EPSON CONNECTION™	
Pre-Sales support U.S. and Canada	800-463-7766
Automated technical support	800-922-8911
Internet Web site	www.epson.com/homeentertainment

*Lamp life results will vary depending upon mode selected, environmental conditions, and usage.



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