



EPSON PowerLite® TW100

Silver screen pizzazz meets leading-edge performance

Transform any living room into a movie theater, sports bar, or video arcade with the EPSON PowerLite TW100, designed by the world leader in high-performance projectors. Movies will take on authentic theater dimensions with a wide-format 16:9 aspect ratio. You'll get rich detail due to a 600:1 contrast ratio, and bold images with 700 lumens of brightness. For larger-than-life sporting events, wow your friends with big screen action play by play! When it's time to take on the challenge of the latest video game, you'll be amazed at the vivid colors and graphics.

An exceptionally quiet unit, the PowerLite TW100 also blends attractively into any game room or entertainment center. It's compatible with both analog and digital systems and offers flexible placement options for rooms of any size.

A state-of-the-art Faroudja DCDi™ Advanced Image Processor gives you top of the line video quality, so movies and sports are always distortion-free. This projector brings the remarkable image quality of Epson 0.9" LCD technology to the world of home entertainment. And, Epson offers reliability you can count on. In fact, experienced professionals who service and sell multimedia projectors choose Epson 5:1 as the most reliable.

Advanced Video Quality

- 16:9 wide-format LCD for true theater dimensions
- 600:1 contrast ratio for sharp, clear images
- Faroudja's DCDi Advanced Image Processor for distortion-free images
- 700 ANSI lumens for brilliant large screen entertainment

Rich Feature Set

- Quiet operation for uninterrupted viewing
- Extra long life bulb
- Full 720p HDTV resolution
- Multi-source compatibility including PCs, gaming devices and component video

Reliable and Easy to Use

- Installation flexibility for a variety of room installations
- Multi-signal compatibility including HDTV and progressive scan DVDs
- Start Here Kit gets first time users projecting in just minutes
- EPSON PrivateLine™ toll-free person to person technical support, available from 6 a.m. to 6 p.m. PST Monday through Friday. Most calls are answered within 45 seconds



EPSON PowerLite TW100 Specifications

Projection System		EPSON original LCD prism technology	
Projection Method		Front/rear/ceiling mount	
LCD			
Size	0.9"		
Driving method	EPSON Poly-Silicon TFT Active Matrix		
Pixel number	921,600 dots x3 (1280 x 720) LCDs		
Native resolution	W-XGA		
Aspect ratio	16:9 (supports 4:3, 5:4)		
Pixel arrangement	Stripe		
Projection Lens			
Type	Manual: zoom/focus		
F-number	1.74 to 2.06		
f-number	28.3 – 37.98mm		
Zoom ratio	1:1.35		
Lamp			
Type	150W UHE		
Life (typical)	3000H		
Screen Width Ratio (distance/width)		1.54 to 2.1:1	
Screen Size (projected distance)		30" to 300" (Wide 0.91m to Tele 13.01m), 60"/1.87m, 90"/2.83m	
Keystone Correction		+/- 15°	
Brightness (typical)		700 ANSI lumens	
Contrast Ratio		600:1	
Brightness Uniformity (typical)		80%	
Color Reproduction		24 bit; 16.7ml	
Operating Temperature		41°F to 95°F (5°C to 35°C)	
Power Supply Voltage		100-120V, 200-240V +/-10%, 50/60Hz AC	
Power Consumption		240W / 6.7W at sleep mode	
Dimensions (includes lens and feet)		10.9"D x 13.75"W x 4.5"H	
Dimensions (excludes lens and feet)		10.8"D x 13.71"W x 4.1"H	
Weight		9.3 lbs/4.2kg	
Fan Noise		30db	
Effective Scanning Frequency Range			
	Analog	Digital	
Pixel clock	14MHz - 160MHz	21MHz - 153MHz	
Horizontal	15KHz - 92KHz	24KHz - 91KHz	
Vertical	50Hz - 85Hz	56Hz - 85Hz	
Remote Control			
Features	Keystone, black level, white level, source selection, power, volume, presets		
Operating angle	Right/Left +/- 20°, Upper/Lower +/- 15°		
Operating distance	30ft (10m)		
RGB			
	Analog RGB I/O	Digital RGB Input	
Display performance			
Resize	1280 x 1024	1280 x 1024	
	1024 x 768	1024 x 768	
	800 x 600	800 x 600	
	640 x 480	640 x 480	
Input terminal			
Video	Mini D-sub 15pin	DVI Type I	
	DVI Type I		

Video I/O For Composite/S Input	
Display performance	NTSC: 550 lines, PAL: 550 lines (Depend on observation of the multi burst pattern)
Input signal	NTSC,NTSC4.43,PAL/M-PAL, N-PAL,PAL60,SECAM; HDTV: 480i, 480p, 720p, 1080i
Input terminal Video	Composite Video: RCA x 1 S-video: Mini DIN
Video I/O For Component Input	
Display performance	525i: 540 lines, (I-P conversion, depend on observation of the multi burst pattern) HDTV: 700 lines
Input signal	HDTV: 480i, 480p, 720p, 1080i
Input terminal Video	Mini D-sub 15pin; RCA x 3
Control I/O	
Serial I/O	Mini D-sub 9 pin x 1 (I/O terminal) RS-232C (I/O signal)
Output terminal	Trigger out: mini jack x1
IR receiver	Front and Rear
Security	Kensington®-style lock provision
Warranty	
Standard two year limited warranty, 2-year international warranty, 90-day lamp warranty, EPSON Road Service Program and EPSON PrivateLine dedicated toll-free support (U.S. and Canada only)	
Supplied Accessories	
Power cable, remote control, 2 AA batteries, Start Here Kit	
Product/Accessory Part Numbers	
EPSON PowerLite TW100 Projector	V11H053020
Replacement lamp	V13H010L17
Soft shoulder bag	ELPKS13
ATA shipping case	ELPKS41
ATA molded hardshell case	ELPKS40
Samsonite wheeled soft case	ELPKS35
Component video cable	ELPKC19
Ceiling mount	ELPMB36
Suspension adapter	ELPMBAPL
False ceiling plate	ELPMBFCP
Distribution amplifier	ELPDA01
60" insta-theater screen	ELPSC07
80" insta-theater screen	ELPSC08
Kensington security lock	ELPSL01
Support-The Epson ConnectionSM	
Pre-Sales Support U.S. and Canada	800-463-7766
Automated Technical Support	800-922-8911
Internet Web Site	www.epson.com
Presenters OnlineSM	presentersonline.com



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HIGH-PERFORMANCE PROJECTORS

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