

SDC-18 Features

- Advanced next-generation 1920 x 1080 [HD] DLP® light engine
- “Lamp-less” LED technology achieves ~20% expanded color gamut and extremely accurate color tracking
- 1,000 ANSI peak white [calibrated], 500,000:1 native CR performance
- Emitter life: 20,000 hours [normal mode]
- E-VariScope™ for 2.35:1 viewing on constant height screens [no anamorphic lens required]
- Short throw primary optics [1.25-1.55:1] with H+V lens shift
- Extensive CMS [Color management software]
- Projector boasts dual HDMI 1.4a inputs, Component, Composite and PC inputs
- ProScaler MK III features dual HDMI 1.4a inputs, 1 HDMI 1.4a output
- Two optional VariScope™ FX™ [fixed] anamorphic lens kits
- RS-232 connectivity for home automation systems
- Ultra-quiet chassis design – ~24dB SPL @ 1 meter [normal mode]
- Optional RF-based 3D emitter and active shutter LCD 3D glasses
- Optional ceiling bracket – model WC-PM-MS



SDC-18 “3D” LED Home Theater Projection System

Introducing Wolf Cinema’s next-generation 2D/3D “lamp-less” home theater ensemble – the model SDC-18.

Sharing many of the attributes of our flagship LED ensemble, the more affordable SDC-18 features precision short-throw optics to deliver razor sharp images via its single 1920 x 1080 (1080p) DLP® chip set from Texas Instruments. But unlike most other single-chip projection platforms, the SDC-18 eliminates the traditional UHP lamp and color wheel: this system produces an image via three separate RGB (red, green, blue) high-current light emitting diodes (LEDs). These LED emitter panels are superbly efficient light sources, with an extremely wide color gamut that exceeds today’s HD standards by 20%. There’s no color wheel involved and thus no visible “rainbow” artifacts or light flicker. And this technology’s exceptional black level performance [rated at greater than 500,000:1 native CR] brings forth tremendous image detail and enhanced depth of field, rendering the very finest and subtle shadow details with ease.

This exciting solution is delivered with our latest ProScaler MK III video processor – a rack-mountable high performance video processor/scaler that provides for total control of all imaging parameters, calibration accuracy and integration flexibility. The ProScaler MK III boasts advanced multi-point CMS calibration capabilities, comprehensive noise reduction algorithms, edge enhancement/detail processing and much more. The SDC-18 short throw optics will facilitate extremely close placement to the theater screen [1.25-1.55:1 TD factor], while incorporating our remarkable E-VariScope™ technique for viewing on constant height CinemaScope® 2.35/2.40:1 screens – without the need for an anamorphic lens [yet the system remains fully compatible with external anamorphic lenses, as required or may be desired].

Most important, the SDC-18’s remarkable LED engine is rated to deliver accurate light output for approximately 20,000 hours of continuous use in normal mode, facilitating years of viewing excellence without ever having to endure a fading image, or change out a projector lamp!

The SDC-18 is yet another exciting high-performance home cinema projection solution from Wolf Cinema.

SDC-18

Specifications

SDC-18 Projector

Display Technology	Advanced HD 1080p (1920 x 1080), DLP® imaging technology by Texas Instruments
Brightness	1000 ANSI lumens (calibrated)
Contrast Ratio	500,000:1
Motorized Zoom Lens	1.25-1.55:1 HD Lens
Lens Offsets	Vertical: +/- 60%, Horizontal: +/-10%
Lamp technology	Three RGB LED emission panels
Emitter Lifespan	20,000 hours (typical, normal mode)
Noise Levels	24 dB (normal mode)
Video Inputs	Primary Inputs: HDMI x 2 (1.4a 2D/3D), PC (1), Component (1), Composite (1)
Signals	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz, 480i/p, 576i/p, 720p (50/60Hz), 1080i (50/60Hz), 1080p (50/60Hz)
Control	IR; RS-232 (serial input – Dsub-9)
Outputs	12V triggers (2), 3D Sync (1)
Power Requirements	AC 110V-220V 50/60Hz
Power Consumption	245W (standby <0.5W)
Dimensions (WxHxD)	14" x 6.4" x 17.4" (345 x 161.5 x 443 mm) (inc. feet)
Weight	14.3lb (6.5kg)

ProScaler MK III Video Processor



Inputs/Outputs	2 HDMI 1.4a, 1 HDMI video outputs
Video Processing	10 bit scaling, 125 point (5 x5x5) gamut correction Advanced filtering, MPEG mosquito noise, block artifact reduction, Temporal noise reduction for SD/HD sources; multiple configuration memories per input
E-VariScope™	Enables 2.35:1 viewing on constant height screens [no anamorphic lens required]
Rack Mountable	Rack mounting ears included
Control	IR; RS-232 (serial Input – Dsub-9 x1), Wired IR format command input
Power Requirements	Universal 110V-240V, 50/60Hz power supply included, output 5.0 VDC, 4.0A
Power consumption	13 Watts
Dimensions (WxHxD)	17" x 2" x 9.5" (1.75"H without feet) (431.8 x 50.8 x 241.3 mm)
Weight	7lb (3.6kg)

*All features and specifications subject to change without notice.
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