

The Next-Generation Stereoscopic (3D) Home Cinema Projector



Suitable for larger home theater screens, the SDC-15 boasts a three-chip, D-ILA® light engine for ultra-high-fidelity 1080p viewing experiences. D-ILA is an advanced LCoS [Liquid Crystal on Silicon] technology from the Victor Company of Japan [JVC], which produces stunning film-like imaging with deep contrast level performance and natural color renditions. Our system is complemented by advanced video processing algorithms, 99 custom calibration memory settings plus a precision optics package for razor-sharp image reproduction from today's most demanding HD sources.

And like all Wolf projectors, the SDC-15 is designed with a highly-efficient thermal chassis for extended projector and

lamp life. Multiple whisper fans help keep the light engine at optimum running temperatures by routing cooling air in a rear-to-front design, facilitating a wide range of placement options for the custom installer.

The system provides for optional Wolf Cinema 3D shutter glasses and 3D signal emitter, when you desire the full suite of 3D viewing effects. Our Wolf Cinema ProScaler is also available as an outboard video processor – an option for expanded connectivity in your ultimate home cinema ensemble.

Each SDC-15 Wolf Cinema projector is carefully hand-calibrated at the factory for top performance in both 2D and 3D viewing. The SDC-15 is delivered in an elegant high gloss black cabinet, and comes complete with a full system IR remote control, LAN and RS-232 system control capabilities. The SDC-15 incorporates a dual set of HDMI 1.4 inputs, one set of component video and PC inputs. Additional home theater options include two VariScope™ FX fixed cinema anamorphic lens assemblies that help enable full 2:35 widescreen viewing without unwanted top/bottom “black bars” [the SDC-15 requires an optional video scaler for 3D “CinemaScope” viewing].

SDC-15 FEATURES AND SPECIFICATIONS:

- Advanced three-chip, 1920x1080 D-ILA® [Direct Drive Image Light Amplifier] engine
- Factory calibrated for both 2D and 3D operation
- 220W lamp, 1300 ANSI*. ~100,000:1 CR performance
- Ultra-high contrast chipset with next-gen home cinema iris
- Wolf Cinema's multi-axis color management system (R,G,B,C,M,Y and Orange)
- 99 custom preset memories
- Extended range primary lens: 1.45:1 to 2.78:1 TD
- Optional Wolf Cinema ProScaler
- Inputs: HDMI 1.4a (2), Component, PC
- IR Remote Control included plus LAN, RS-232 system control capabilities
- Two optional VariScope FX™ Fixed Anamorphic Lens Assemblies**
- Elegant gloss black cabinet with optimized thermal design for extended projector and lamp life
- Optional 3D starter pack includes 3D signal emitter and two pair of active glasses; additional glasses available
- Optional WC-PM-M ceiling mount kit

***Note:** Post calibration light output and contrast performance will vary based on screen size, screen gain, ambient light conditions and more.

****Note:** At time of first shipments in 2011, the SDC-15 is enabled only for 1.78:1 (16/9) aspect ratio viewing in 3D modes.

Selected VariScope FX anamorphic lens packages plus third party video processors may be used at launch to achieve full ultra-wide CinemaScope™ constant height screens and 2.35/2.40:1 viewing. Contact Wolf Cinema for additional details.

Specifications

Product Name	Wolf Cinema SDC-15 3D D-ILA Home Cinema Projector
Model Name	SDC-15, aka "The Cub"
Display Panel/Size	D-ILA device *1 *2 0.7" (1920 pixels x 1080 pixels) x 3 (total no. of pixels: approx. 6.22 million)
Projection Lens	2.0 x power zoom lens (1.45:1 to 2.78:1)
Light-source Lamp	220 W Ultra-high pressure mercury lamp [Part No. WC-LPU220] Average Lifespan: 3000 hours (normal mode), 2000 hours (high output mode)
Screen Size	Approx. 60" to 200" (aspect ratio: 16:9)
Projection Distance	Approx. 1.8m to 12m
Analog Video Input Format	480i, 480p, 576i, 576p, 720p/50 Hz, 720p/60 Hz, 1080i/50 Hz, 1080i/60 Hz
Digital Video Input Format	480i, 480p, 576i, 576p, 720p/50 Hz, 720p/60 Hz, 1080i/50 Hz, 1080i/60 Hz, 1080p/24 Hz, 1080p/50 Hz, 1080p/60 Hz PC compatible signals
Resolution	1920 dots x 1080 dots
Input terminal	
Video Input	1 system, RCA pin jack x3 Y:1.0Vp-p, 75Ω Pb/Cb, Pr/Cr:0.7Vp-p, 75Ω * Also supports R / G / B Sync on G
HDMI Input	2 system, HDMI 19 pin x 2 (HDCP compliant) *3 Compatible with the HDMI v1.4a standard *4
PC Input	1 system Φ, D-Sub 15 pin VGA
Output terminal	
Trigger terminal	1 system, 3.5mm DC power jack - DC OUT 12V, 0.1A
3D synchro	3D synchro emitter dedicated terminal (1 system, mini DIN 3pin)
Control terminal	
RS-232C terminal	1 system, D-sub 9-pin (male) x1 (external control)
Remote terminal	1 system, stereo mini jack x1 (remote control)
LAN terminal	1 system, RJ-45 plug x1
Power Requirements	AC 110V-240V 50/60Hz
Power Consumption	350W (3.4A) (standby mode: 0.9W)
Operation Environment	Temperature: 5°C to 35°C Humidity: 20% to 80% (no condensation) (storage temperature: -10 C to 60 C)
Installation Height	Recommended below 5000 ft (1524 m). (High altitude operating mode available)
Dimensions (WxHxD)	19.5 x 8.8 x 22.5 in., 496 x 224 x 572 mm
Weight	60 lbs., 28 kg. net / 75 lbs., 34 kg. shipping

* 1 D-ILA is the abbreviation for Direct-Drive Image Light Amplifier.

* 2 D-ILA devices are manufactured using extremely high-precision technology. Pixel effectiveness is 99.99%. Only 0.01% or less of the pixels may be off or permanently lit and still be within spec.

* 3 HDCP is the abbreviation for High-bandwidth Digital Content Protection system.

* 4 Ethernet is not supported.

Design and specifications are subject to change without prior notice.