

SDC-12 Features

- Advanced three-chip, 1920x1080 D-ILA® engine
- V4K™ engine for enhanced 4K viewing [3840 X 2160] from standard 1080p sources
- Advanced onboard VariScope™ lens memory system [five presets] for 1.78, 1.85, 2.20:1, 2.35:1 and 2.40:1 aspect ratio viewing
- Factory hand-calibrated for both 2D and 3D viewing modes
- New 230W NSH lamp, 1300 ANSI, ~70,000:1 CR performance
- Wolf Cinema's multi-axis color management system (R,G,B,C,M,Y and Orange) with 20 calibration presets
- Advanced real time 2D-to-3D conversion mode
- Adjustable 3D parallax and crosstalk cancellation for reduced "ghosting" artifacts
- Multi-zone pixel convergence [1/16th pixel, 121 zone adjustment]
- Extended range primary lens: 1.45:1 to 2.78:1 TD
- 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 gray cabinet with optimized thermal design for extended projector and lamp life
- Optional 3D starter pack includes 3D signal emitter and two pairs of active glasses; additional glasses available
- Optional WC-PM-M ceiling mount kit



SDC-12 Wolf Cinema's "GRAYWOLF 4K" 3D Cinema Projector

Wolf Cinema is proud to announce our next-generation Wolf Cinema V4K™ projector, and the second in the GrayWolf series – model SDC-12, aka "GrayWolf 4K". Developed for the true home theater enthusiast, the all-new SDC-12 is the perfect home cinema projector enabled for imaging excellence in 2D and 3D [stereoscopic] viewing.

The SDC-12 boasts a next generation three-chip, D-ILA® [Direct Drive Image Light Amplifier] light engine for high fidelity viewing. D-ILA is an advanced technology developed by the Victor Company of Japan [JVC], which produces stunning film-like pictures with deep contrast level performance and natural color renditions. The system is complemented by advanced video processing plus precision optics for razor-sharp imaging from today's most demanding HD sources. Each projector is carefully hand-calibrated at the factory for top performance when viewing both 2D and 3D content.

Also featured in our SDC-12 theater projector is Wolf Cinema's advanced V4K technology, delivering ultra-high resolution 3840 X 2160 performance from standard HD sources [broadcast, Blu-ray and more]. V4K merges two full frame 1080p images, and by a precision 0.5 pixel offset the projector can virtually eliminate the visible "pixel gate" often experienced in other HD projectors. The result? A seamless, filmic image that can easily fill home theater screens up to 12-feet in width.

New this year is an expanded Wolf Cinema VariScope™ lens memory system. This system enables rapid access to five of your favorite widescreen aspect ratios – ex: 1.78:1, 1.85:1, 2.20:1, 2.35:1 and 2.40:1 – without the need for an external anamorphic lens. Now everyone can enjoy the full CinemaScope® widescreen experience without unwanted top/bottom "black bars" on suitable theater screens.

The SDC-12 is delivered in an elegant high gloss dark gray cabinet, and comes complete with a system IR remote control, LAN and RS-232 system control capabilities. Updated Wolf Cinema 3D shutter glasses and emitter are also available.

SDC-12

Specifications

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) (zoom/focus: power)
VariScope™	Five user-adjustable lens presets – ex: 1.78:1, 1.85:1, 2.20:1, 2.35:1 and 2.40:1 aspect ratios, set by your Wolf Cinema installer [NOTE: projector throw distance when utilizing the internal VariScope feature is approx. 1.45:1 to 2.1:1 x SW] [external VariScope FX™ anamorphic lens support also provided]
Light-source Lamp	230 W NSH Lamp [Part No. WC-LPU230]
Average Lifespan	3000-4000 hours (normal mode)
Performance	1300 ANSI, ~70,000:1 CR performance
Resolution	1920 dots x 1080 dots
V4K™ Resolution	3840 dots x 2160 dots
2D->3D Algorithm	Real time conversion of standard 2D images into 3D
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, For PC compatibility refer to the SDC-12 Owner's Manual
Video Inputs	Component, RCA pin jack (x3), Y:1.0Vp-p (75W), Pb/Cb, Pr/Cr:0.7Vp-p (75W); HDMI 1.4a (x2), HDCP compliant; PC D-Sub 15 pin VGA
Outputs	3.5 mm DC trigger, 3D synchro emitter jack (mini DIN 3pin)
Control Terminals	RS-232C terminal, D-sub 9-pin (male), remote control stereo mini jack, RJ-45 LAN terminal * 3
Power Requirements	AC 110V-240V 50/60Hz
Power Consumption	360W (3.4A) (standby mode: 0.4W)
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 Ethernet is not supported.

• Features, designs and specifications are subject to change without prior notice

D-ILA is a trademark of the Victor Company of Japan (JVC Kenwood)

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