

TXF-2500 Features

- Next-gen DLP® chip technology for enhanced 4K imaging (3840X 2160) from all SD, HD and Ultra HD/4K sources
- 5,000 ANSI peak white, ~8,000:1 CR performance (Dynamic Black enabled)
- HDR10 enabled for extended dynamic range with UHD/4K sources
- Extended range primary optics: 1.35 - 2.65:1 TD
- Ample V+H lens shift capabilities (+/-80% V x SH, +/- 20% H x SW)
- Extensive I/O source connectivity including HDMI 2.0/2.2, Display Port and VGA inputs, HDMI output
- Long life UHP lamp - up to 3000 hrs [Eco mode]
- Factory hand-calibrated for imaging excellence
- Quiet design: 32dB @ 1 meter (Eco mode)
- Optional 4K/UHD Wolf Cinema ProScaler video processor for superior imaging performance.
- E- VariScope™ available in optional ProScaler for 2.35:1 film widescreen viewing on constant height screens (no anamorphic lens required)
- IR remote included plus RS-232, RJ-45, 12V trigger port and optional wired remote control capabilities
- Elegant all-metal cabinet with optimized thermal design for extended projector and lamp life
- Optional WC-PM-LS ceiling mount assembly



TXF
Theater Extreme 4K

4K

DLP®

HDR
HIGH DYNAMIC RANGE

Wolf Cinema's TXF-2500 "Theater Extreme" UHD/4K Cinema Projector 5,000 ANSI DLP® home theater projector

Enjoy ultra-bright, bold and colorful imagery from today's latest SD, HD and UHD/4K sources with Wolf Cinema's latest high-performance projection system, model TXF-2500. Boasting 5,000 ANSI of peak white performance and deep contrast levels, this system can cast razor-sharp images on screens as large as 16-ft [4.9 meters] in width!

Wolf Cinema's TXF-2500 boasts Texas Instrument's latest 0.66" UHD/4K DLP® imaging chip set for ultra-fast, lag-free images from all your favorite video sources. The six-segment color wheel timing is factory optimized for excellent color tracking and minimal artifacts, while the projector's dynamic black technology helps increase deep black contrast level performances to 8,000:1.

The latest HRD-10 (High Dynamic Range) technology as deployed in the TXF-2500 will substantively increase on-screen dynamics, creating more powerful and natural looking images with appropriately-equipped UHD/4K video content. But the projector's superior on-board video processing will make all your legacy SD and HD sources look their very best, in the multiple Wolf Cinema viewing modes.

Our optional rack-mountable UHD/4K ProScaler video processors deliver some of our most advanced Wolf Cinema video performance to date, with multi-axis CMS calibration capabilities for precise color tracking, superior motion and noise reduction algorithms, multiple calibration memories per input/per frequency, and more. But the best part may be the technology wizardry known as E-VariScope™: enjoy immersive 2:35:1 CinemaScope® widescreen experiences without those unwanted top & bottom "black bars" as commonly seen on 16/9 screens... and all without an external anamorphic lens!

The TXF-2500 will deliver year after year of that "uncompromised Wolf Cinema image" in all viewing modes, from all your favorite sources.

TXF-2500

Specifications

Display Technology	Single 0.66 DLP® UHD/4K Imaging Technology by Texas Instruments™
Resolution	3840 x 2160
Illumination	3500/1500 Hours (Eco/Bright) 370W P-VIP, part number WC-TXF25L-370
Performance	5,000 ANSI peak white, ~8,000:1 CR performance (Dynamic Black enabled)
Noise Levels	32dB SPL (Eco mode), 39 dB SPL (Normal)
Color Wheel	6 Segment RGBRGB
Inputs/Outputs	2 x HDMI (HDMI 2 Support HDCP 2.2), 1 x VGA (D-Sub 15pin) (Computer In), 1 x Display Port, 1x HDMI out, 1 x USB type A (Power/Service)
Signals	Video: SDTV 480i/p, 576i/p, HDTV 720p (50/60Hz), 1080i (50/60Hz), 1080p (50/60Hz), UHD 2160p (24/50/60Hz) Computer: VGA, SVGA, XGA, HDTV (720P), WXGA, WXGA (3), WXGA+, SXGA, UXGA, HDTV (1080p), WUXGA, UHD
E-VariScope™	Multiple aspect ratio control – ex: 1.78:1, 1.85:1, 2.20:1, 2.35:1, 2.40:1 etc. aspect ratio control via optional Wolf Cinema ProScaler video processor
Primary Lens	Extended Range Optics, 1.35 - 2.65:1 TD
Lens Offsets	+/- 80% vertical, +/- 20% horizontal
Control	IR, RS-232C terminal, RJ-45 LAN terminal, Optional Wired Remote (3.5mm Phone jack), 12V Trigger
Power Requirements	AC 110V-240V 50/60Hz
Power Consumption	tbd
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Installation Height	Recommended below 5000ft. (1524m); high altitude mode available up to 10,000 feet (3048 meters)
Dimensions (WxHxD)	21" x 11" x 28" (preliminary)
Weight	56 lbs. (preliminary)

Optional ProScaler Video Processors



ProScaler MK IV



ProScaler MK VI

ProScaler MK IV	HDMI 2.0 inputs (x4), HDCP 2.2 compliant; HDMI 2.0 outputs (x2), 2U rack mountable chassis
ProScaler MK VI	HDMI 2.0 inputs (x2), HDCP 2.2 compliant; HDMI 2.0 outputs (x2), 1U rack mountable chassis
Video Processing	10 bit scaling, 4913 point (17 x 17 x 17) CMS advanced filtering, MPEG mosquito noise, block artifact reduction, temporal noise reduction; multiple configuration memories per input
Control Terminals	IR, RS-232
Power Requirements	AC 110V-240V 50/60Hz

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