

TXF-500 Features

- All-new UHD/4K edition in Wolf Cinema's "Theater Extreme" projection series
- 0.44" UHD/4K TI DLP® imaging chip (3840 X 2160) from all SD, HD and UHD/4K sources
- HDR10 - High Dynamic Range imaging from encoded sources
- New extended life 240W lamp, nominally ~4,000 hrs; up to 15,000 hours in Dynamic Mode
- 2400 ANSI, ~600,000:1 CR performance (Dynamic Black enabled)
- Extended color gamut coverage for Rec. 709, DCI-P3 and BT. 2020 color space.
- Full 3D imaging support (glasses sold separately)
- Primary throw: 1.20-1.60:1 TD
- 15% vertical offset (+/- 5%)
- 18Gbps HDMI 2.0 input with HDCP 2.2 compatibility
- IR Remote Control included plus RS-232, RJ-45 control system capabilities
- Elegant all-metal cabinet featuring improved thermal coefficients for extended projector and lamp life
- Ultra quiet design: 24dB @ 1meter (Eco), 26dB (Bright)
- Optional ProScaler external video processors for enhanced SD, HD and 4K imaging performance
- Optional Wolf Cinema ProScalers provide for E-VariScope™ when viewing 1.78, 1.85, and 2.35 widescreen aspect ratio content
- Optional 3D glasses
- Optional WC-PM-MS ceiling mount

TXF
Theater Extreme 4K



4K

DLP

HDR
HIGH DYNAMIC RANGE

Wolf Cinema's TXF-500 "Theater Extreme" UHD/4K Cinema Projector

Wolf Cinema is proud to offer yet another amazing 4K home theater projector in the *Theater Extreme* series – model TXF-500 – a projector that delivers all the renowned Wolf Cinema imaging excellence, yet at a price that won't break your home theater budget.

It's a rare day indeed that one projector can offer so much, producing an incredible image that rivals competitive solutions two, three or even four times its price! But the Wolf Cinema team has broken all the rules, and now proudly offers a solution that will no doubt grace many home theaters around the world.

The ideal complement to 10-12' wide home theater screens, the TXF-500 is engineered around Texas Instruments latest 0.44" UHD/4K DLP® imaging chip set, producing ultra-sharp, color accurate images from all your favorite SD, HD and Ultra HD/4K sources. You'll enjoy incredibly sharp and dynamic images, deep contrast renderings, superior color performance and more from all favorite sources - including those embedded with the latest HDR10 (High Dynamic Range) imaging cues. Such 4K sources can be presented in the most accurate ways possible, and our team even includes a unique HDR emulation mode for non-HDR encoded sources.

The Wolf Cinema team provides our custom processing algorithms, thus ensuring the best possible picture from all 2D and 3D sources. For enhanced performances choose from one of our optional 4K video ProScalers, which serve as the heart of your high definition imaging ecosystem. Multiple HDMI 4K60p inputs and outputs – with 18Gbps throughput – facilitate connection to both the projector and AV system components. Advanced processing and signal management tools ensure the very best picture possible from all SD, HD and Ultra HD sources. Plus, the ProScaler's E-VariScope™ technology makes selecting your favorite 1.78:1, 1.85:1, 2.35:1, etc. aspect ratios a snap, when mated up with suitable CinemaScope™ 2.35:1 widescreens.

We invite you to experience this remarkable projector at a Wolf Cinema dealer nearest you.

TXF-500

Specifications

Display Panel/Size	Single 0.47" TRP UHD/4K DLP® Technology by Texas Instruments™
Color Wheel	6 segment RGBRGB color wheel
Projector Lens, TD	1.20 - 1.60:1 TD factor (x SW) Lens shift~15% Vertical (manual)
Light Source	240W UHP Lamp, part no. WC-TXF5L-240
Lamp Life	~4000/10,000/15,000 (Mode dependent: Bright/ECO/Dynamic)
Performance	2300 ANSI, ~600,000:1 CR performance (Dynamic Black Enabled)
Resolution	3840 x 2160 (Maximum resolution 4096 x 2160)
SPL	Approx. 23dB @ 1 meter (Eco), 28dB (Bright)
HDR (High Dynamic Range)	HDR-10 (standard with encoded UHD/4K sources; HDR emulation modes available with SD and HD content)
Inputs/Outputs	2x HDMI 2.0 (w/ HDCP 2.2), VGA-in, audio-in (3.5mm), audio-out, S/PDIF out (optical), USB 2.0 (service port), USB power
Control	IR, RS-232C terminal, RJ-45 LAN terminal, 12V Trigger
Power Requirements	AC 110V-240V, 50/60Hz, auto switching
Power Consumption	317W Typical (Bright mode), 348W Max (Bright mode), 259W Typical (Eco+ mode), 285W Max (Eco+ mode)
Operation Environment	Temperature: 41 to 104°F (5 to 40°C) Humidity: 85% max humidity, nocondensation; storage temperature: -10C to 60C
Installation Height	Recommended below 5000ft. (1524m); high altitude mode available up to 10,000 feet (3048 meters)
Dimensions (WxHxD)	18.1" (460mm) x 5.5" (140mm) x 15.4" (390mm) [preliminary]
Weight	27 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

All features, designs and specifications subject to change without notice. VariScope and E-VariScope are trademarks of Wolf Cinema. DLP is a registered trademark of Texas Instruments. All rights reserved.