

TXF-5000 Features

- Reference edition in Wolf Cinema's "Theater Extreme" 4K imaging series
- Native 4K DILA® home cinema projector - 0.69 inch diagonal, three-chip light engine @ 4096 x 2160 resolution
- 2nd generation BLU-Escent laser/phosphor light source, using 48 blue laser diodes -20,000 hour performance without image degradation
- Displays 4K signals at 4K60p, 4:4:4, 4K24p 4:4:4 @ 36bit, and more
- HDR10 [High Dynamic Range] imaging capabilities with Hybrid Log Gamma and SMPTE 2086 metadata
- Dual 18Gbps HDMI 2.0 inputs with HDCP 2.2 compatibility
- VariScope™ lens memory system for 1.78, 1.85, 2.35 etc. [up to 10 memories] for widescreen aspect ratio viewing
- 3200 ANSI, ~infinite dynamic CR performance
- Extended range, 18 element glass optics: 1.45:1 to 2.78:1 TD
- IR Remote Control included plus LAN, RS-232 control capabilities
- Elegant all-metal anodized cabinet with improved thermal coefficients
- Optional ProScaler MK VI external video processor for enhanced SD, HD and 4K imaging performance
- Optional RF 3D starter kits, including 3D signal emitter and two pairs of active glasses; additional glasses sold separately
- Optional WC-PM-M ceiling mount



Shown with optional ProScaler MK VI 4K video processor – included in the TXF-5000 Ultra 4K edition

Wolf Cinema's TXF-5000 "Theater Extreme" 4K D-ILA® Projector

Wolf Cinema proudly presents the reference edition in our *Theater Extreme* home theater projection series – the TXF-5000. Boasting an all new, 0.69 inch three-chip native 4K [4096 x 2160] D-ILA® technology core, and illuminated by a 20,000-hour life Blu-Escent™ laser diode/phosphor light source, the TXF-5000 is clearly one of the penultimate home theater imaging solutions yet available.

Pushing the boundaries of today's imaging sciences, the TXF-5000 boasts 3200 ANSI lumens of peak white performance, while dynamic contrast approaches unmeasurable levels [∞:1] – eminently suitable for very large home theater screens in the 16-18' [~5 meters] width range. The new all-glass, 18-element precision primary optics package facilitates ample lens shift for installation flexibility – ±100% vertical, ±43% horizontal – while maintaining sharpness and color clarity throughout the available throw distance. Packed with the latest Ultra HD [4K] imaging technologies such as HDR10, Hybrid Log-Gamma for live HDR broadcasts, easily achieving the BT.709 and Digital Cinema Initiative (DCI) color gamut and presenting over 80% of the ultra-wide BT.2020 color space – bottom line, you'll fall instantly in love with the TXF-5000's amazingly lifelike imagery, superior color renditions, remarkable black level performance and stunning edge details from all your favorite sources.

Also included is our VariScope™ aspect ratio control technology – the proven lens memory system that facilitates rapid access to ten of your favorite TV and film aspect ratios – ex: 1.78:1, 1.85:1, 2.20:1, 2.35:1, 2.40:1 and so forth – without an external anamorphic lens. Sit back and enjoy that full 2:35:1 CinemaScope® widescreen experience without those unwanted top/bottom "black bars," when fired onto suitable ultra-wide 'Scope home theater screens.

The optional ProScaler MK VI [known as the **TXF-5000 Ultra 4K** ensemble] features dual HDMI 4K60p inputs and outputs - all at 18Gbps throughput – to facilitate connection to both the projector and other AV system components. Advanced processing and signal management ensures the very best picture possible from all your favorite SD, HD and Ultra HD [4K] sources.

TXF-5000

Specifications

| | |
|------------------------------------|---|
| Display Panel/Size | 0.69" 4K D-ILA (4096 pixels x 2160 pixels) x3 |
| Projector Lens, TD | 1.45:1 to 2.78:1 TD factor (x SW), 2.0 x motorized zoom/position/focus lens Lens shift ~100% Vertical, ~43% Horizontal |
| VariScope™ E-VariScope™ | Multiple aspect ratio presets – ex: 1.78:1, 1.85:1, 2.20:1, 2.35:1, 2.40:1 etc. aspect ratios NOTE: projector throw distance when utilizing the internal VariScope feature is appx. 1.45:1 to 2.1:1 x SW; E-VariScope control via the optional ProScaler MK VI video processor |
| Light Source | 2nd generation "BLU-Escent" Laser Phosphor light engine, 20,000 hour laser diode life (48 blue lasers) |
| Performance | 3200 ANSI, ∞:1 dynamic CR performance |
| Native Resolution | 4096 x 2160 |
| Projector SPL | Approx. 30 dB/1 meter |
| Video Inputs | Dual 18Gbps HDMI 2.0 inputs, HDCP 2.2 compliant |
| Control Terminals | IR, RS-232, LAN terminal * |
| Power Requirements | AC 110V-240V 50/60Hz |
| Power Consumption | 480W est. (During Normal standby, 1.5W: During Eco Mode standby, 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) | Projector: 20.5 x 9.5 x 32 in. [appx.]; ProScaler: 17 x 2 x 9.5 in. (1.75 in. high without feet) |
| Weight | Projector: 98 lbs, 44.4 kg [appx.]; ProScaler: 7 lbs, 3.6kg |



ProScaler MK VI

(Optional UHD/4K Video Processor)

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|-------------------------|---|
| I/O, ProScaler | HDMI 2.0 inputs (x2), HDCP 2.2 compliant; HDMI 2.0 outputs (x2) |
| 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 |

* Ethernet is not supported.

All features, designs and specifications subject to change without notice.

VariScope and E-VariScope are trademarks of Wolf Cinema. D-ILA and Blu-Escent are trademarks of JVC Kenwood (JVC).

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