

TXF -1400 Features

- Premiere edition in Wolf Cinema's "Theater Extreme" 4K imaging series
- Advanced 6th generation D-ILA® three-chip, home cinema projector
- Gen4 V4K™ engine for enhanced 4K viewing [up to 4096 X 2160] from all SD, HD and Ultra HD sources
- Displays 4K signals at 4K60p, 4:4:4, plus HDR10 [High Dynamic Range] capabilities
- Dual 18Gbps HDMI 2.0 inputs with HDCP 2.2 compatibility
- VariScope™ lens memory system for 1.78, 1.85, and 2.35 widescreen aspect ratio viewing
- New 265W lamp, 1900 ANSI, ~1,500,000:1 CR performance
- Ultra-high contrast chipset with next-gen home cinema iris
- Hand calibrated for both 2D and 3D viewing
- Extended range primary lens: 1.45:1 to 2.78:1 TD
- IR Remote Control included plus LAN, RS-232 system control capabilities
- Elegant all-metal black anodized cabinet with improved thermal coefficients
- Highly efficient design for extended projector and lamp life
- Optional ProScaler MK IV 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



D-ILA
V4K



Shown with optional ProScaler MK IV 4K video processor – the TXF-1400 Ultra 4K edition

Wolf Cinema's TXF-1400 "Theater Extreme" Cinema Projector

Critics around the world have raved over our enhanced D-ILA® home theater projectors for many years now, and the new TXF-1400 *Theater Extreme* platform carries on in that tradition of imaging excellence – at a price that will no doubt appeal to theater enthusiasts everywhere.

Perfect for those larger home theater screens up to 15' wide, the TXF-1400 casts bright, dynamic and powerful imagery, no matter the source. But the system's real beauty shines when displaying Ultra HD [4K] content, with the TXF-1400 rendering breathtakingly detailed and true-to-life pictures that makes it feel as if you're looking out a window to the world, and not just at a projected image.

As with all *Theater Extreme* solutions, the Wolf Cinema production team pays careful attention to every detail. The matched sixth-generation D-ILA® [Direct Drive Image Light Amplifier] three-chip engine is complemented by advanced video processing, and aligned with precision optics for razor-sharp image reproduction from today's most demanding HD and 4K sources. Each projector is carefully hand-calibrated at our factory for top performance when viewing both 2D and 3D content.

Also provided in this series is Wolf Cinema's popular VariScope™ lens memory system. This technique enables rapid access of up 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 etc. – without the need for an external anamorphic lens. Now you can enjoy that full 2:35:1 CinemaScope® widescreen experience without unwanted top/bottom "black bars," on suitable ultra-wide constant height home theater screens.

The optional ProScaler MK IV [known as the **TXF-1400 Ultra 4K** ensemble] provides four 18Gbps HDMI 4K60p inputs and outputs – plus the industry's reference video processing and signal management – all to cast the very best picture possible from SD, HD and Ultra HD [4K] sources.

TXF-1400

Specifications

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|----------------------------|---|
| Display Panel/Size | 6th generation D-ILA device * 1 * 2 0.7" (1920 pixels x 1080 pixels) x3 (total no. of pixels: approx. 6.22 million) |
| Projector Lens, TD | 1.45:1 to 2.78:1 TD factor (x SW), 2.0 x motorized zoom/position/focus lens Lens shift ~80% Vertical, ~35% 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 IV video |
| Light Source | 265W UHP Lamp, part no. WC-LPU265 |
| Lamp Life | ~4500 hours (normal mode) |
| Performance | 1900 ANSI, ~1,500,000:1 CR performance |
| V4K™ Resolution | 3840 x 2160, capable of rendering 4096 x 2160 |
| Projector SPL | Approx. 24 dB/1 meter |
| Video Inputs | Dual 18Gbps HDMI 2.0 inputs, HDCP 2.2 compliant |
| Control Terminals | IR, RS-232, LAN terminal * 3 |
| Power Requirements | AC 110V-240V, 50/60Hz |
| Power Consumption | 380W (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: 19.5 x 7.5 x 23.75 in.; ProScaler: 17 x 3.75 x 10 in. (3.5 in. high without feet) |
| Weight | Projector: 84 lbs, 38.1 kg; ProScaler: 11 lbs., 5 kg |

ProScaler MK IV

(Optional UHD/4K Video Processor)



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|------------------|---|
| I/O, ProScaler | HDMI 2.0 inputs (x4), HDCP 2.2 compliant; HDMI 2.0 outputs (x4) |
| 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 |

* 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.

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

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