

TXF-1700 Features

- UHD/4K home cinema projector, “Theater Extreme” series
- Next gen 0.66” Texas Instruments DLP® chip for precision 4K imaging (3840 X 2160) from all SD, HD and Ultra HD sources
- BluHD™ laser/phosphor illumination technology – 20,000 hour extended life performance, no lamp to replace
- HDR10 expanded dynamic range capabilities plus HDR simulation mode (for non-HDR encoded sources)
- 5000 ANSI, 1,500,000:1 CR performance (w/Dynamic Black)
- Primary optics: 1.40 - 2.25:1 TD
- Lens shift: Vertical: ± 15%
- HDMI 2.0 input with HDCP 2.2 compatibility (18Gbps)
- Precision multi-segment optical assembly (manual focus/zoom)
- BrilliantColor™ and Dynamic Black™ for accurate imaging with all sources
- IR Remote Control included plus RS-232, LAN system control capabilities
- All-metal cabinet design improves thermal coefficients for extended projector and lamp life
- Quiet design: 32dB @ 1 meter
- Optional ProScaler external video processors for enhanced SD, HD and 4K imaging performance
- Optional ProScalers provide for E-VariScope™ when viewing 1.78, 1.85, and 2.35 widescreen aspect ratio content
- Optional WC-PM-MS-B ceiling mount



**TXF**  
Theater Extreme 4K



**Wolf Cinema’s TFX-1700 “Theater Extreme” Cinema Projector**

Introducing the TXF-1700 – yet another exciting UHD/4K DLP® laser/phosphor imaging solution in Wolf Cinema’s *Theater Extreme* series. Suitable with home theater screens up to 16’ (~5 meters) wide, the TXF-1700 casts images with amazing 4K detail, superior color tracking and balanced peak white from all SD, HD and UHD/4K sources - including those with the latest HDR10 encoding for ultra-wide color and deep contrast performances.

Delivering 5000 ANSI lumens in peak white with superior black level renditions, the TXF-1700 delivers the imaging excellence our clients around the world have come to expect from Wolf Cinema! Our team hand-builds each unit, loads Wolf Cinema’s custom calibration settings, test for thermal stability and much more. This attention to detail ensures that each projector will look its very best – right out of the box – and perform for years to come.

The TXF-1700 is crafted around Texas Instrument’s latest precision UHD/4K chip set, boasting 4.15 million micro mirrors (2716 x 1528 native), which utilizes XPR ultra-fast technology to accurately display two on-screen pixels – doubling the on-screen resolution when presenting the required 8.3 million pixels, during each video frame. Here’s 4K imaging at its finest!

Enthusiasts can also select from one of our optional 4K ProScaler video processors, providing advanced video processing via multiple HDMI 4K60p inputs and outputs – with improved performance from both the projector and AV system components. Perhaps most important, the ProScaler’s remarkable E-VariScope™ technology makes selecting your favorite 1.78:1, 1.85:1, 2.35:1, etc. aspect ratios a snap, when presented on suitable CinemaScope™ 2.35:1 widescreens.

We invite you to test drive the magnificent TXF-1700 home theater projector at a Wolf Cinema dealer nearest you.

# TXF-1700

## Specifications

<b>Display Panel/Size</b>	Single 0.66" UHD/4K DLP® Technology by Texas Instruments™
<b>Color Wheel</b>	4 Segment RGBY color wheel
<b>Projector Lens, TD</b>	1.40 - 2.25:1 TD factor (x SW) (Manual focus/zoom/shift) Lens shift – Vertical: ± 15%
<b>Light Source</b>	BluHD™ Laser/Phosphor Illumination Technology
<b>BluHD Laser Life</b>	20,000 hour laser diode life (to 50% output)
<b>Performance</b>	5000 ANSI, 1,500,000:1 CR performance (Dynamic Black enabled)
<b>Resolution</b>	3840 x 2160
<b>SPL</b>	Approx. 32dB @ 1 meter (Bright Mode)
<b>Inputs/Outputs Control</b>	HDMI 1.4a (x1), HDMI 2.0 w/HDCP 2.2 (x1), VGA-In, Audio In (3.5mm RCA), Audio Out, SPDIF out (Optical, stereo only), USB-A (Power), USB-B (Service) IR, IR receiver (x1), RS-232C terminal, RJ-45 LAN terminal, 12V trigger (x1)
<b>Power Requirements</b>	AC 110V-240V, 50/60Hz, auto switching
<b>Power Consumption</b>	460W Max, 400W typical (Bright mode), 275 typical (Eco+ mode), 0.5W standby
<b>Operation Environment and Installation Height</b>	Up to 2,500 feet: 5°C~40°C; 2,500~5000 feet: 5°C~35°C; 5,000~10,000 feet: 5°C~30°C / 90% max humidity
<b>Dimensions (WxHxD)</b>	21.7" (550mm) x 7.4" (188.5mm) x 18.1" (460mm)
<b>Weight</b>	38 lbs, 17.3 kg [preliminary]

## Optional ProScaler Video Processors



ProScaler MK IV



ProScaler MK VI

<b>ProScaler MK IV</b>	HDMI 2.0 inputs (x4), HDCP 2.2 compliant; HDMI 2.0 outputs (x2), 2U rack mountable chassis
<b>ProScaler MK VI</b>	HDMI 2.0 inputs (x2), HDCP 2.2 compliant; HDMI 2.0 outputs (x2), 1U rack mountable chassis
<b>Video Processing</b>	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
<b>Control Terminals</b>	IR, RS-232
<b>Power Requirements</b>	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.*