

Home Entertainment LightStream™ Projector with sRGB and Rec.709 Cinematic Colour



Pro7827HD



Ultimate Cinema Experience for your Home

Featuring true-to-life color and a smart design, the ViewSonic® LightStream Pro7827HD 1080p projector delivers everything you'll need for your ultimate big screen home entertainment. Reproducing cinema grade image quality with RGBRGB color wheel, realizing Rec.709 color standard in Full HD resolution. Coupled with dynamic audio performance from the powerful 10W built-in cube speaker, assuring a breathtaking cinema experience right at your home.



Incorporate Oscar Academy Award® - Winning TI DLP® DMD Display Technology

DLP display technology combines accurate, long lasting color with high native contrast ratios. Nowadays, about 90% of Movie Theaters use DLP technology for Digital Projection. The technology that started a revolution just got better!



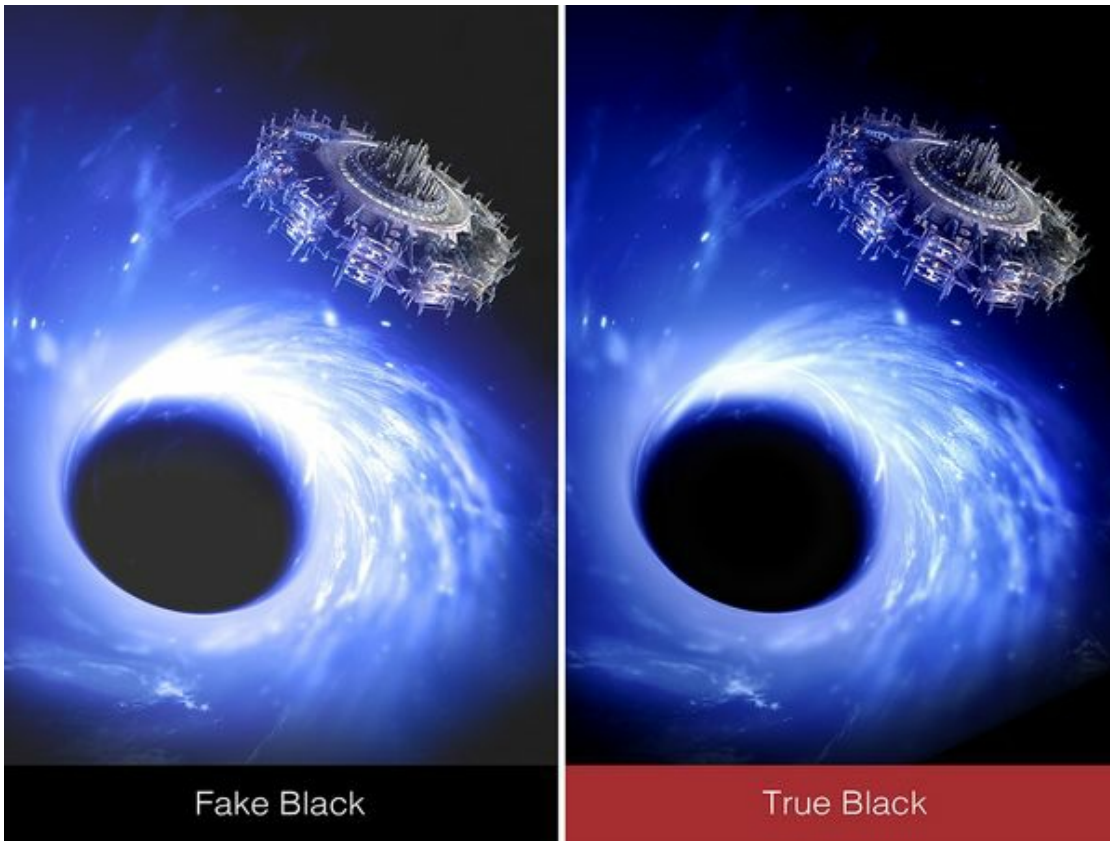
Cinema SuperColor™ Technology Best in class movie colors

ViewSonic delivers an amazing Cinema SuperColor™ which has taken movie color schemes into consideration. It satisfies these color schemes which involve several related colors for aesthetic color harmonies. For example, the Complementary Color Scheme features two main opposing colors, creating high contrast while viewing; the Analogous Color Scheme, features similar colors next to each other, creating a serene and comfortable sensation.



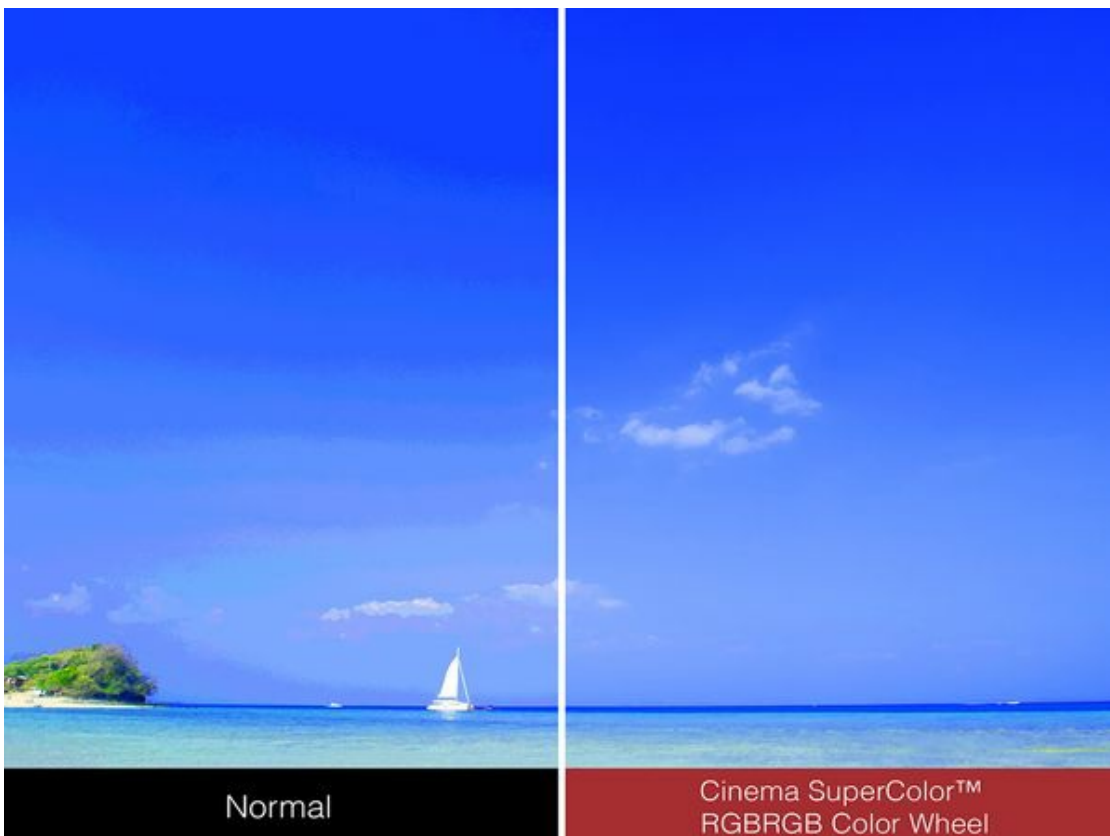
Crisp Images True black & high contrast ratios

DLP projector utilizes "True Black" and "High Contrast Ratios" while 3LCD/LCD projectors utilize fake black. It improves projection accuracy, creating razor-sharp images for cinema, unlike other well-known technology projectors that use dark gray instead of "True Black" because of limited technology.



Cinema SuperColor™ RGBRGB Color Wheel Brilliant color gradient

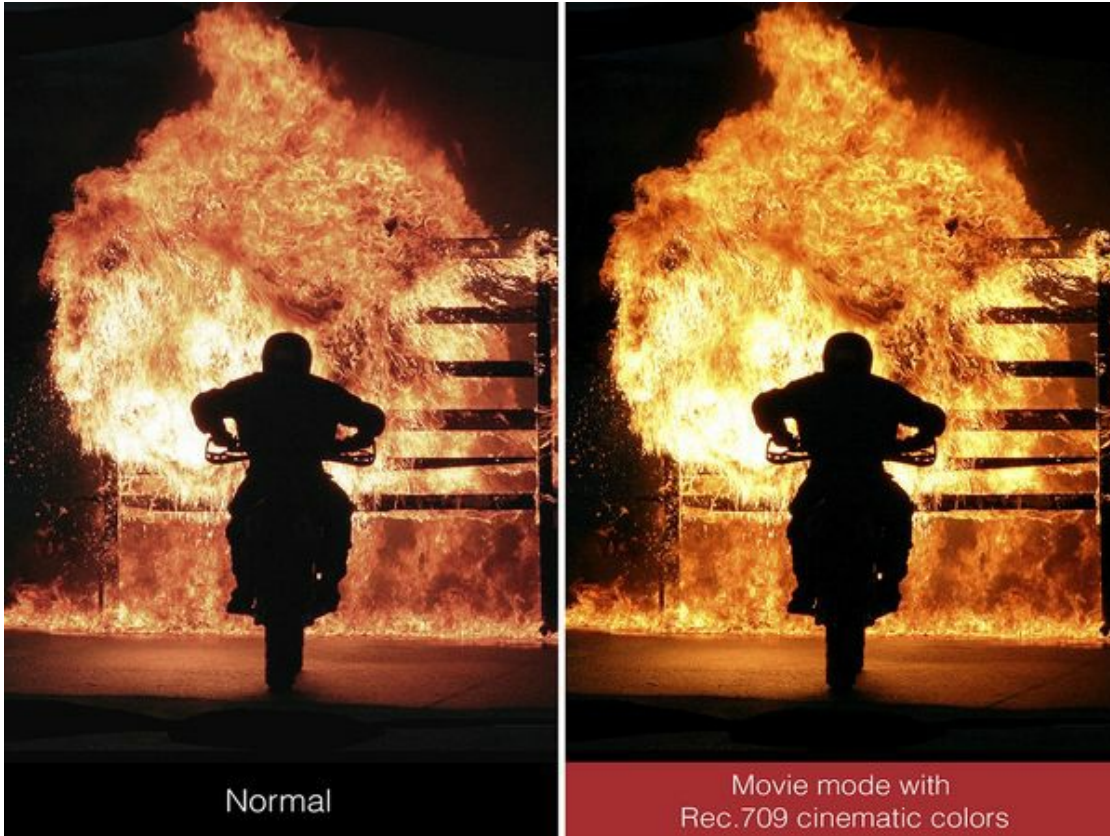
The SuperColor™ RGBRGB Color Wheel adopts a special coating to filter segmental spectrums of RGB, to intensify Red, Blue, and Green colors. It also focuses on Hue and Saturation enhancement, highlighting breathtaking images like sunrises, sunsets, or blue skies with intense color gradients, while other projectors can only partially cover these complex color gradients.



Movie Mode

International Rec.709 colors

ITU (International Telecommunication Union) recommends Rec.709 as the standards for high-definition TV. The Rec. 709 defines the color range, resolution, frame rate, and display specifications that applies to a variety of HD devices and DVDs/Blu-ray DVDs. It increases the visual performance to human eye. With just one mode, viewers are presented with a cinema-like experience□



DarkChip 3 DMD Chip

Enhances contrast levels

The DarkChip 3 DMD chip is designed for high-definition video rendering. It uses mirror reflections and a ± 12 degree digital control method to project vivid, Full HD 1080p images. The chip delivers higher contrast without light transmission defects and eliminates noise to display true color depth.



International ISF Certified Image Calibration Tool Customized day and night Modes

ISF (Imaging Science Research Lab) Certified for customized image calibration, this projector provides the calibration tools to allow ISF-certified technicians to provide on-site tuning of Day and Night modes. The customized fine-tuned mechanism will become the default option to fit each user's scenario requirement in bright and dark environments.



SonicExpert™ Technology Clear, comfortable, and louder sound over same-class projectors

Following a groundbreaking proprietary speaker transducer and chamber re-design, LightStream projectors deliver full-range sound 20Hz - 20KHz for presentations or off-the-clock home entertainment. The compact 10W speaker takes pride in quality sound with best-fit Sound Response Curve, and high efficiency of transferring electric power to sound power.



Full HD 1080p The Finest Picture Quality

This ViewSonic projector features Full HD 1920x1080 (1080p) native resolution for the sharpest and clearest picture available. It delivers exceptional details and astonishing clarity for the best viewing experience. It is perfect for watching all types of high definition formats (1080p/1080i/720p) and content, including movies, videos, sports, games, and TV, without any distortion or scaling of the original video format.□



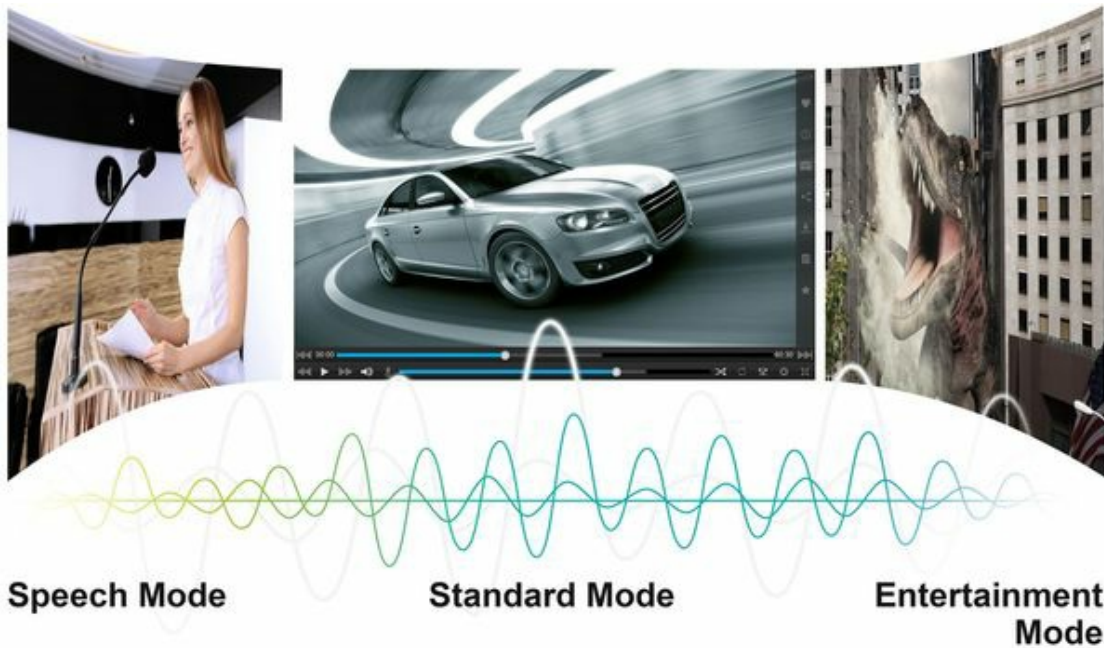
3 x HDMI Inputs with 3D Blu-ray Ready Flexible connectivity to high-definition devices

Designed with 3 x HDMI ports, this projector can display 3D images directly from 3D Blu-ray players—perfect for connecting to any HDMI-enabled device.



SonicMode
3 Modes

The exclusive SonicMode sound settings deliver optimized audio performance for presentations, video clips and music. The "Standard" preset offers the best sound levels for general use. The "Speech" preset enhances the sound of spoken words, making it ideal for projecting speeches and lectures, or for sales calls and video conferencing. The "Entertainment" preset is fine-tuned with more bass and richer mid-high frequencies ideal for music and movies.



PortAll™ : Secure MHL/HDMI Port A Clean design

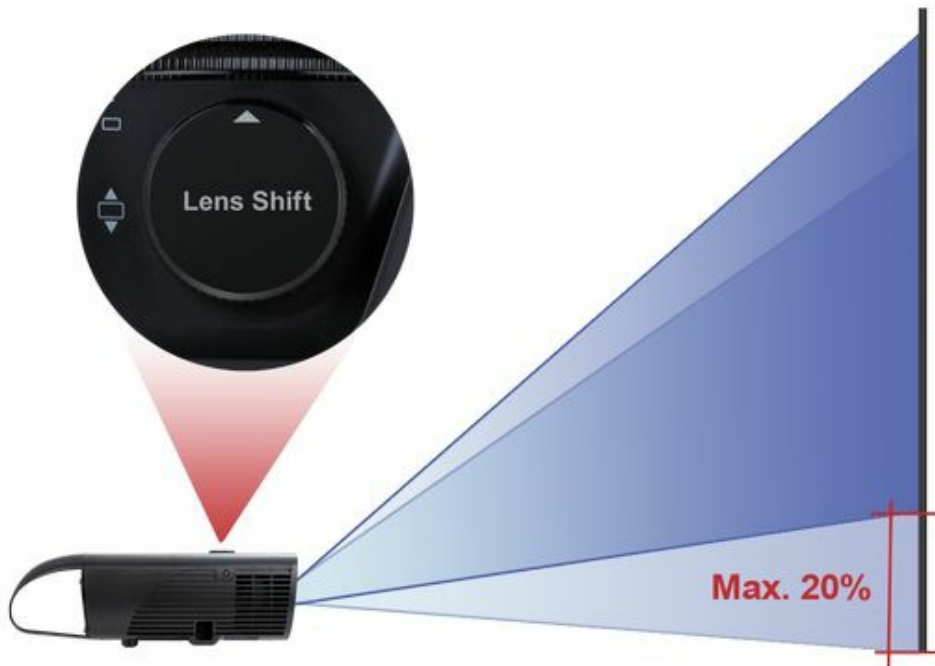
ViewSonic's exclusive PortAll™ feature—a hidden compartment with an integrated and secure MHL/HDMI port that lets you discretely stream multimedia content from a wireless dongle, or lets you connect to other devices via an HDMI cable. * ViewSync® WPG-300 is optional



Vertical Lens Shift A Tool-free design knob for vertical image

position adjustment for max. 20%

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Complete Keystone plus 4 Corner Function Easy image adjustment, with side projection

Horizontal and vertical keystone correction, as well as a 4 corner adjustment feature eliminates crooked and distorted images for a perfectly proportioned picture every time.



Wide Optical Zoom Lens

Equipped with a 1.3x optical zoom lens, the LightStream projector provides mounting flexibility with a wider throw distance range. This zoom lens also enables the projector to project images up to 20% larger than a conventional projector equipped with a 1.1x lens.



Short Throw

The short throw lens enables large images to be projected from short distances in small rooms. This means there are no distracting shadows on the projected image, and no blinding lights in the eyes of presenters.



100''

8 feet
(2.5 meters)



High-Powered USB Charging Port

The 5V/2A USB and Micro USB ports deliver more charging power 10W than a normal USB port, allowing users to charge mobile devices in less time. In addition, wireless HDMI dongles, such as ViewSonic WPG-300 or others, can be plugged into the projector's HDMI port while being powered by a USB cable plugged into the USB port for Full HD contents.



Smart Design

The cable management hood connects onto the back of the projector to hide unsightly cable clutter and exposed ports. An easy-access top lamp door enables simple lamp maintenance and replacement. The tactile keypad is raised with concave buttons that assist in making projector set up easier in dark environments.



Technical Specifications

PRODUCT

SPECIFICATION

| | |
|-------------------------------------|---|
| Resolution | 1920x1080 |
| Brightness (ANSI Lumens) | 2200lm |
| Contrast (Max.) | 22000 :1 |
| Lamp Hour (Normal / SuperEco Mode) | 3500hrs / 6500hrs |
| Throw Ratio in Meters (Wide ~ Tele) | 1.1~1.5 |
| Lens Shift | Yes |
| Optical Zoom | 1.3x |
| Digital Zoom | 0.8x~2.0x |
| Screen Size | 30"~300" |
| Projection Offset | 110%~130%%±5% |
| Display Colours | 1.07 Billion Colours (30 bits per colour) |
| Keystone | HV |
| Noise min (Normal / SuperEco) | 36dB / 31dB |
| Speaker | 10W Cube |

INPUT

CONNECTIVITY

| | |
|-----------------------|-----|
| HDMI/MHL | 2 |
| HDMI In | 1 |
| VGA-in | 1 |
| Component Input | 1 |
| S-Video | 1 |
| Composite Input | 1 |
| Audio-in (3.5mm) | 1 |
| Audio-in (RCA pair) | N/A |
| USB Type A | 1 |
| USB Type B | N/A |
| Mini USB | 1 |
| Microphone in (3.5mm) | 1 |
| SD Card reader | N/A |

OUTPUT

CONNECTIVITY

| | |
|-------------------|---|
| VGA-out | 1 |
| Audio-out (3.5mm) | 1 |

CONTROL

| | |
|--------------------------------|-----|
| RS232 (9 pin) | 1 |
| Network Management (LAN cable) | N/A |
| 12V Power Trigger | N/A |

DIMENSIONS AND

POWER

| | |
|-------------------|-------------------------------------|
| Dimension (WxDxH) | 316 mm(W) x 228 mm(D) x 103.7 mm(H) |
| Net Weight | 2.6 kg (5.73 lb) |
| Power Source | 100~240Vac 50/60Hz |

| | |
|-------------------|-------------|
| Power Consumption | 350W (Max.) |
|-------------------|-------------|

SUPPLIED**ACCESSORIES**

| | |
|------------------------------------|-----|
| Power cord | 1 |
| VGA cable | 1 |
| HDMI cable | N/A |
| Remote Control (with batteries) | 1 |
| Cable cover | 1 |
| Quick Start Guide & CD | 1 |
| Carry bag | N/A |

LANGUAGES

| | |
|-------------------|--------------------|
| On Screen Display | Total 21 languages |
|-------------------|--------------------|

REGULATIONS

| | |
|----------|--|
| Standard | CB, CCC, cTUVus CE, FCC,C-Tick ROHS, REACH, SVHC, WEEE, ErP EAC, TUV-S Mark(Argentina), CECP, NOM,Mexico Energy Test |
|----------|--|

WARRANTY

**Warranty offered may differ from market to market

ViewSonic® Limited Warranty

ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

For more product information, visit us at www.viewsoniceurope.com

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