

LightStream™ Colour Home Entertainment Projector with Rec.709 Cinematic Colours



Pro7827HD



Offering incredible colour accuracy and stunning, razor-sharp images, the ViewSonic LightStream Pro7827HD is the ideal projector for home theater entertainment. Featuring Full HD 1080p resolution and ViewSonic's SuperColor™ RGBRGB technology, this projector delivers incredible detail and brilliant colour gradient coverage for true-to-life image projection. Designed with sRGB/Rec.709 cinematic colours, ISF certified day and night modes, as well as a unique movie mode, the Pro7827HD delivers optimized colour for a true cinema experience. SonicExpert™, ViewSonic's proprietary sound enhancement technology, powers a 10W speaker to deliver incredibly clear and audible sound. PortAll™, a neatly designed enclosed HDMI/MHL dongle compartment that is compatible with a micro USB cable. With a shorter throw ratio, vertical lens shift, 1.3x optical zoom, smart design, and extensive connectivity, the Pro7827HD provides flexible and quick set-up in any home.

SuperColor™ Technology Best in class colour accuracy

ViewSonic's proprietary SuperColor Technology offers a wider colour range than conventional DLP projectors. With an exclusive RGBRGB colour wheel design and dynamic lamp control capabilities, SuperColor Technology projects images with reliable and true-to-life colour performance, in both bright and dark environments, without sacrificing image quality.



SuperColor™ RGBRGB Colour Wheel Fulfills sRGB and Rec.709 standards

The SuperColor™ RGBRGB Color Wheel adopts a special coating to filter segmental spectrums of RGB, to intensify Red, Blue, and Green colours. It fulfills sRGB and Rec.709 standards, and features pure colours to increase visual performance, especially for Blu-ray DVDs. It also focuses on Hue and Saturation enhancement, highlighting breathtaking images like sunrises, sunsets, or blue skies with intense colour gradients, while other projectors can only partially cover these complex color gradients.



Movie Mode Fine tune colour details

ViewSonic delivers an amazing movie colour mode which has taken several movie colour schemes into consideration. These colour schemes involve several related colours for aesthetic colour harmonies. For example, the Complementary Colour Scheme features two main opposing colours, creating high contrast while viewing; the Square Colour Scheme features a balanced colour layout between warm and cool colours. With just one mode, viewers are presented with a cinema-like experience!



Full HD 1080p The Finest Picture Quality

This ViewSonic projector features Full HD 1920x1080 (1080p) native resolution for the sharpest and clearest picture available, 144Hz 3D frame rate for smoother images and better 3D perception and DarkChip3 for deep blacks, finer pixels and exceptionally smooth motion. 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.



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.



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.



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 speaker takes pride in quality sound with best-fit Sound Response Curve, and high efficiency of transferring electric power to sound power. SonicMode The exclusive SonicMode sound settings deliver optimized audio performance for presentations, video clips and music.



PORTALL™

PortAll™ : Secure MHL/HDMI Port Enjoy high-definition multimedia

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



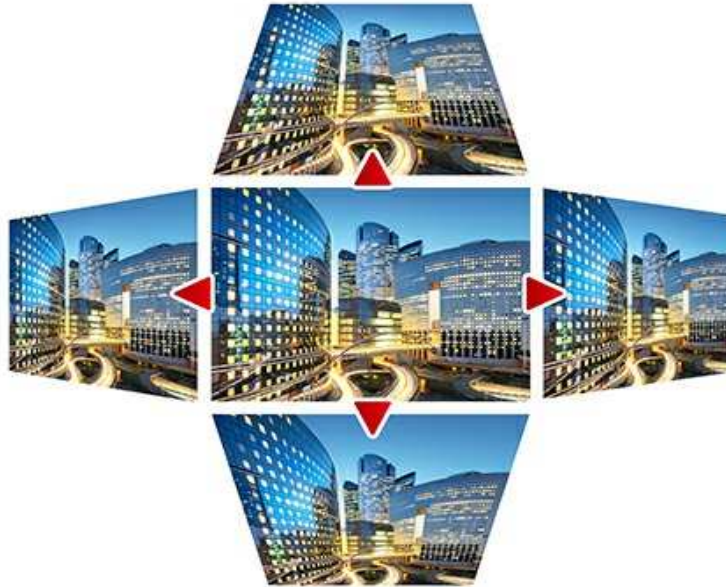
Vertical Lens Shift A Tool-free design knob for vertical image position adjustment for max. 20%

Unlike creating image quality deterioration from making Keystone adjustments, the lens shift function is the best image-positioning tool, preventing image quality loss. This tool-free control knob controls the lens shift function easily, so users can enjoy projection setup everywhere, with less locational limitations. If further adjustment is needed, users can also utilize the vertical lens shift function and finally the Keystone function if absolutely necessary.



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

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.



Extreme Mounting Flexibility

A 1.3x optical zoom lens provides mounting flexibility with a wider throw distance range while a 1.1 - 1.5 shorter throw ratio projects large images from short distances in small rooms.



High-Powered USB Charging Port for Mobile Devices and Wireless HDMI dongle

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.



Programmable Remote Control

A programmable hotkey “MyButton” can be configured to launch the most commonly used functions. Control up to eight projectors in the same venue or from a mobile device via free V-remote app.



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	share with audio in 2

**OUTPUT
CONNECTIVITY**

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

CONTROL

RS232 (9 pin)	1
Network Mangment (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.)