ProVū P2

FULL HD 1080P LED HOME THEATER PROJECTOR

A VŪ LIKE NO OTHER



NūVision®

THE FLATSCREEN CONNOISSEŪR

A VŪ LIKE NO OTHER

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY

The excitement and thrill of a dedicated home theater is an experience known only to the lucky few — those with the space and resources to create a true entertainment haven.



Even fewer will enjoy the luxury of a ProVu home theater. It is a place where film comes alive in ways you never thought possible, where the director's intentions are fully honored, where images are so immersive and engaging you'll never want to leave your seat. Colors seem to leap off the screen, inky blacks are set against the purest of whites for breathtaking contrast, and the incredible technology that makes it all possible is forgotten while you're transported to another place and time.



This kind of experience can only be achieved in a home theater projector through best-in-class engineering, meticulous fine-tuning and the support of an unparalled network of high-end installers to ensure the perfect viewing experience. Only NuVision, makers of the world's finest and most exclusive flat-panel HDTVs, could bring these all together in the ProVu P2. Combining the visual power of Texas Instruments' best DLP technology with a state-of-the-art LED light engine, the P2 sets a new standard for performance and convenience.

As with NuVision's critically-acclaimed flat screens, the ProVu P2 sits at the top of the pyramid and is the home theatre projector of choice for the world's most discerning movie lovers and connoisseurs.

When only the ultimate will do.

THE ANSWER IS PROVŪ FROM NUVISION.



The NuVision Difference

The ProVu P2 has been developed to give movie lovers a real choice to own a product developed by passionate professionals who share your enthusiasm for creating the ultimate movie experience in the comfort of your home.

These professionals have been gathered from some of the electronics industry's top talent and work with only the finest components, optimizing them with proprietary engineering techniques to deliver a product which far exceeds that of the mass market manufacturers.

NuVision, a boutique American brand, creates only a small range of products so we can guarantee they are tuned by hand and performance is not restricted by the need to drive down costs by using inferior parts. The result is an outstanding projector with cutting-edge technology, industry-leading support and customer care, and — most critically — an out-of-box picture that is simply out of this world.



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Lamp-Free, Instant-On LED Light Source

Instead of a traditional projection lamp, the ProVu P2 utilizes high output red, green, and blue LEDs to drive the image. We use the highly respected Luminus Phlatlight LED generator, resulting in excellent efficiency, more accurate color than is possible with a lamp, and an estimated 20,000 hour lifespan. That means no aging bulbs to replace and unmatched consistency in video performance over the life of the projector. Having individual red, green, and blue LEDs activated by high-speed drivers also means elimination of the mechanical color wheel found in most DLP projectors, along with their associated color break-up or "rainbow" artifacts. Furthermore, LEDs turn on and off instantly and, unlike lamps, do not require a cool down period before restarting the projector after its recently been in use.

Infinite Contrast Ratio

The LEDs respond so quickly to changes in scene content that the P2 easily delivers the deepest blacks, the brightest whites, and everything in between for breathtaking contrast. It's similar to having local-dimming behind an LED-driven LCD panel. In addition, a dynamic iris function can be set to automatically adjust to scene changes on the fly for even deeper blacks.





Spectacular Color

The ProVu P2 utilizes Texas Instrument's latest DarkChip™ technology for high native contrast ratio. NuVision's 3D Color Management system allows adjustments to the hue, saturation, and gain of all primaries and secondaries. Additionally, the purity of color created by the remarkable PlatLight™ engine is so absolute that we are able to generate all of the color spaces used in film and video reproduction today, and even tomorrow.

Sealed, Maintenance-Free Light Engine

The ProVu P2's LED light engine is fully sealed, fully locking dust away from critical optical elements while locking in light. This means there's no need to constantly maintain fan filters when the projector is used in dry climates, and insures there's no light spill from around the lens or fan vents to affect the image quality.

NuCare

The ProVu P2 is backed by an unheard-of full 3 year warranty on parts and labor, and comes with an unprecedented benefit: an annual visit during the warranty period by a NuVision service representative to guarantee your projector continues to operate at peak performance. In the unlikely event a P2 ever malfunctions, we provide a 2-day turnaround on service calls.

8 Foot 26 Foot

Installer Friendly

We design our HDTVs with installers in mind, and the ProVu P2 projector is no exception. It features a razor-sharp 1.3x zoom lens that allows throw distances from 8 to 26 feet onto screens as large as 150 inches diagonal, and broad vertical and horizontal lens shift to accommodate a wide range of mounting positions. As with our flat-panels, connections include a NuControl RS-232 port that responds to a full set of discrete control codes for fully optimized, one-touch selection of any source.

Environmentally Conscious

The use of LEDs and high efficiency power-switching in the ProVu P2 keeps energy use low, and the projector uses less than 1 watt of power in standby mode. In addition, there are no lamps to dispose of in landfills, and the projector is RoHS compliant, using lead-free solder throughout the circuitry and lead-free glass in the lens.

Best-In-Class Video Processing

In keeping with our mission to achieve best-in-class performance for all functions, the ProVu P2 utilizes an outstanding video processor for superb de-interlacing, scaling, and noise reduction of high-definition and standard-definition signals. In addition, the P2's HDMI inputs employ a full-digital path right up to the optics to maintain signal integrity and insure the best possible image quality.

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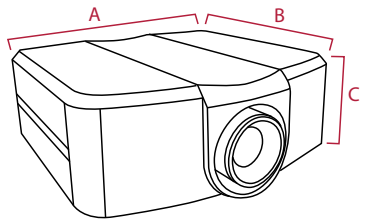
ProVu P2

THROW CHART

Screen Size 16:9			Throw Distance				Offset
			Short Lens		Standard Lens		
Diag	H	W	Min	Max	Min	Max	
60	29 7/16	52 5/16	81 9/16	97 4/16	96 12/16	125 8/16	3
80	39 4/16	69 12/16	108 12/16	129 11/16	129	167 5/16	3 7/8
100	49	87 3/16	135 15/16	162 2/16	161 4/16	209 3/16	4 7/8
120	58 13/16	104 9/16	163 3/16	194 9/16	193 8/16	251	5 7/8

DIMENSIONS



Model	A	B	C
P2	20.5"	9"	21.5"

Description	P2
DISPLAY SYSTEM	**SPECIFICATIONS***
Contrast Ratio (Dynamic) / Brightness	100,000 : 1 / 800 lms
Brightness Uniformity	Typical – 90% / Minimum – 80%
Color Reproduction	16:9 Widescreen
COLOR COORDINATES AT D65 (SRGB)	
White	X = 0.3127 / Y = 0.3290)
Red	X = 0.6400 / Y = 0.3300)
Green	X = 0.3000 / Y = 0.6000)
Blue	X = 0.1500 / Y = 0.0600)
LENS	
StD Lens	1.85 ~ 2.4:1
Optional Lens	1.56 ~ 1.86
F#	2.5 ~ 2.7
Horizontal Lens Shift	+ / – 15% of the image width
Vertical Lens Shift	up to 10% of the image height above the top edge
V-Sync	43 – 85hz
SIGNAL	
Resolution	480i, 480p, 576p, 720p, 1080i, 1080p
Compatibility	NTSC/NTSC 4.43, PAL B/G/H/I/M/N, SECAM
ILLUMINATION SOURCE	
Lamp or LED	LED
Wattage	135w (30x3x25%+30x5x50%+30x5x25%)
Count	Luminus PT-120 Type CX RGB LED
Life	60,000 hours (@50%) / ~20,000 hours (nominal)
TYPICAL ACOUSTIC NOISE LEVEL	
ECO Mode	Non-Overlap Mode: < 31 dB
Normal Mode	Overlap Mode: < 32 dB
Standby Mode	< 20 dB
POWER SUPPLY	
Power Switch	Yes
Voltage	100-240VAC, 47-63 HZ (Auto-Ranging)
Power On	240 Watts @ 110Vac
Standby	< 1 Watt
PFC	Yes (Power Factor Correction)
ID DESIGN	
Materials	Metal, Plastic
Gross Weight (Max)	36.5 lb
Ceiling Mounted	Yes
Adjustment Leg	Yes 2" Adjustment
INPUTS	
HDMI	2 x HDMI 1.3
RGB	1 x RGB
Composite Video	1 x Composite Video
S-Video	1 x S-Video
RCA	3 x RCA / RGBS (SCART) – RGB + Composite / PrYPb / COMPONENT 1 – SCART
BNC	Yes
RS-232	Support RS232 standard / Firmware download / Switch on & off / System control
Screen Control	Yes (12V trigger) x 1
Aspect Ratio	Yes (12V trigger) x 1
LANGUAGES	
OSD Languages	English, Traditional Chinese, Simplified Chinese, Spanish, French, German, Russian, Dutch, Polish, Czech, Greek, Turkish, Italian, Swedish, Danish, Hungarian
ENVIRONMENTAL	
Storage Temperature	-20°C ~ 60°C
Operating Temperature	10 ~ 40 °C, up to 7,500' altitude / 10 ~ 35 °C, up to 7,500'~10,000' altitude"
Storage Altitude	Sea level to 40,000 feet
Operating Altitude	Sea level to 10,000 feet
Storage Humidity	5% to 90%
Operating Humidity	20% to 85% with maximum wet bulb temperature of +27°C

**All specifications are subject to change without notice.*