



HP Plasma HDTVs PL4272N, PL5072N Datasheet

Experience HP's Video Fidelity Engine in our stylish high-definition¹ plasma TV.

HP leverages its rich experience in printing, digital imaging, and color science to provide industry-leading image and video quality in its flat-panel TVs. By combining advanced video algorithms, such as adaptive color saturation adjustment and dynamic 3D color-gamut mapping, these TVs offer exceptional image accuracy with natural colors, deep blacks and bright, clear pictures that bring the finest details to life.



HP Visual Fidelity Engine Features

- Adaptive contrast enhancement analyzes every scene and automatically adjusts picture contrast
- Adaptive color saturation adjustment removes color noise by automatically adjusting color intensity depending on picture brightness
- Dynamic 3D color-gamut mapping optimizes color selection for natural-looking colors, such as skin-tones
- Advanced edge enhancement further reduces picture artifacts by not only smoothing out jagged edges, but diagonal lines as well for a sharper and cleaner picture

Fantastic Sound

Using a concealed stereo-sound design, two powerful speakers allow you to immerse into thrilling, home-theater quality sound. The high fidelity speaker system is complemented by HP's Virtual Surround audio processing technology, which enhances both vocal clarity and bass performance for an immersive sound experience.

Comprehensive Connectivity

Enjoy a comprehensive array of digital and analog inputs, including an integrated HDTV Tuner, multiple HDMI, component-video ports, and a PC VGA port. Analog and digital audio output connectors enable seamless connectivity to external audio speakers or an audio receiver.

Perfect for nearly any décor, the TV features a stylish design with a classic piano-black glossy finish. The tabletop stand is sleek and stylish, and is easily detachable for wall mounting.³

Key Features

- Integrated ATSC/NTSC/clear QAM Tuner—receive free HD and digital shows from off-the-air sources and cable
- Enjoy DVDs and standard-definition TV on a big screen through advanced scaling and film-processing technology
- Motion Adaptive Noise Reduction greatly reduces visual noise without reducing detail
- Photorealistic Sharpness Enhancement provides crystal-clear and sharp pictures HP is known for
- Three Simplay HD™-certified HDMI ports—ensure compatibility of HDMI enabled digital video and audio through a single cable connection
- PC input port enables direct connectivity to a PC
- Ultra-long life panel—up to 60,000⁴ hours of operation
- ENERGY STAR® qualified TV
- HP Total care includes 24 x 7 telephone and online support and one full year of free in-home service



HP Total Care is a J.D. Power and Associates Certified Technology Service and Support Center, recognized for consistently providing "An Outstanding Customer Service Experience." *

1. High definition (HD) source content varies and will depend on source input, signal, aspect ratio and other factors. HD content may require separately purchased service contract or other fees. HD content may not be available in your service area, check with service provider.
2. All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
3. Wall mounting hardware kit sold separately.
4. The life is determined as the time at which luminance is 50% compared to that of initial value at the typical lamp current on condition of continuous operation at 25±°C. 60,000 hours equates to more than twenty-three years at seven hours a day viewing.

*J.D. Power and Associates Certified Technology Service and Support Program™, developed in conjunction with the Service & Support Professionals Association (SSPA). For more information, visit www.jdpower.com or thesspa.com.

Technical Specifications

	PL4272N	PL5072N
Description	42" HDTV	50" HDTV
Video		
Resolution	1024x768	1365x768
Supported Inputs	480i,480p,720p,1080i,1080p (HDMI only)	
Contrast Ratio (max) ²	10,000:1	10,000:1
Panel life ⁴ (half brightness)	60,000 hours	
Tuner		
ATSC/NTSC/Clear-QAM	1	
Video Enhancers		
HP Visual Fidelity Engine	Yes	
3D Digital Comb Filter	Yes	
3D Color Enrichment	Yes	
Video Noise Reduction	Yes	
Photorealistic Sharpness Enhancement	Yes	
3:2 Pulldown	Yes	
Motion-adaptive deinterlacer	Yes	
White wash	Yes	
Audio		
No. of Speakers	2	
Audio Output (Total)	20 watts	
Speaker Type	Integrated (concealed)	
Dolby Digital Out	Yes	
Virtual Surround Sound	Theater, Music Hall	
SAP/MTS	Yes	
Connectivity		
HDMI	3	
Component In	2	
Composite/S-Video In	2	
PC input	1 (RGB-VGA)	
Antenna In (RF)	1	
PC Audio In	1	
HDMI Audio In (RCA)	1	
Analog Audio In	4	
Digital Audio Out	1 (optical)	
Analog Audio Out (stereo)	1	
RS-232c	1	
Convenience		
Custom Input Presets	Yes	
Custom Input labeling	Yes	
Closed Captioning	Yes	
V-Chip	Yes	
Favorite Channels	Yes	
Sleep/On-off	Yes	

Fit/Finish

Color	Piano Black
Finish	Gloss

Accessories

Stand	Detachable (Included)
Speakers	Integrated (Hidden/included)
Remote	Included
Wall-mounts	Optional/recommended

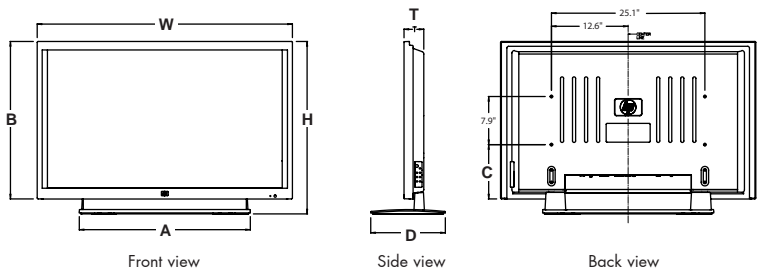
Warranty

Parts & Labor	1 Year
Extended Warranty (3yrs)	Optional/recommended

General

Power Supply	100~240V AC 50/60Hz	
Power Consumption (W)	350	460
Dimensions with stand (WxHxD) (in)	41.7x28.2x12.2	48.7x32.0x12.2
Dimensions without stand (WxHxD) (in)	41.7x25.7x3.3	48.7x29.7x3.4
Weight with stand (lbs)	80.4	108.9
Weight without stand (lbs)	72.6	101.2

Size	W	B	H	A	T	D	C
42"	41.7	25.7	28.2	28.0	3.3	12.2	8.9
50"	48.7	29.7	32.0	28.0	3.4	12.2	10.8



Connectors



Visit www.hp.com for more details!



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