



HP's premier plasma television offers a high definition¹, pristine picture utilizing advanced digital image processing and premium plasma panel technology. The PL4245N delivers uncompromising performance with spectacular color via a bright, high contrast screen. Plentiful connectivity includes an integrated DVI-HDCP port for a pure digital video connection to high definition receivers². Encased in a classic piano black finish, this wall-mountable television complements any décor, on or off.

High definition plasma display with 3000:1 contrast

- High definition plasma display with 3000:1 contrast provides a clear, progressively scanned image with rich colors and deep black levels.

Low Angle Interpolation

- Low Angle Interpolation smooths out staircases and jagged edges—bringing a new tier of realism to sporting events and movies.

FilmMode Processing with 3:2 pull down

- FilmMode Processing with 3:2 pull down accurately reproduces film-originated content from video sources.

Motion Adaptive Noise Reduction

- Motion Adaptive Noise Reduction greatly enhances quality of off air media and standard definition video.

Cross Color Suppression

- Cross Color Suppression removes cross color artifacts from composite video sources, delivering consistent, true color every time.

Black Level Enhancement

- Black Level Enhancement increase the depth of dark tones, further enhancing contrast for richer shades of black.

DVI-D with HDCP

- DVI-D with HDCP enables pure digital video connections to set top boxes, DVD players, and PCs.

3D Y/C Digital Comb Filter

- 3D Y/C Digital Comb Filter reduces flickering and enhances color purity in complex scenes from broadcast and composite signals from your DVD player or VCR.

Picture-in-Picture

- Picture-in-Picture enables simultaneous viewing enjoyment with two different channels or sources

Variable aspect ratio support

- Variable aspect ratio support enables scaling of 4:3 video to fill the screen.

Supports two selectable audio enhancements

- **BBE™ High Definition Audio**—restores clarity and presence for better speech intelligibility and musical realism.
- **SRS WOW™**—creates a bigger, enhanced audio experience by providing three dimensional sound, enhancing musical vocals, and creating the perception of deep, rich bass.

Svelte, wall-mountable design

- Svelte, wall mountable design is only 4.7" thick.

Universal Remote Control

- Universal Remote Control, compatible with up to three additional devices, including HP Digital Entertainment Centers and HP Media Center PCs.

Product features are dependent upon the input used.

¹ HDTV tuner required for high definition. Sold separately

² Sold separately

HP PL4245N 42" HD-Ready Plasma Television

Datasheet

Key Television Specifications

Panel System	High Definition Plasma Display	(Number of Pixels)	
Video Format	Accepts RGB, NTSC, 480i, 480p, 720p, 1080i video formats; Converts all video signals to 720p high definition video.	Displayable Colors	Up to 16.7 Million
Diagonal Screen Size	42 inches (1067 mm)	Anti-reflective Coating	Yes
Viewable Image Area	36.8 × 21.0 in (934 × 532 mm)	Life¹	Up to 50,000 Hrs
Screen Opening (W x H)	36.9 × 21.3 in (946 × 547 mm)	Contrast (typical)	3000 : 1
Aspect Ratio	16:9 Widescreen	Brightness (typical w/o filter)	Up to 1000 cd/m ²
Native Resolution	1024 x 768	Brightness (with filter)	>350 cd/m ²

Tuner Specifications

TV Tuner	Built-in NTSC TV Tuner with Picture-in-Picture viewing capability (second source required for PIP)	Closed Caption	Yes (TV, AV, SV, YPbPr supported)
Tuning options	Auto channel finder Intelligent tuning system	MTS Sound Processing	Stereo, mono, SAP
Channel Coverage	VHF 2 – 13 UHF 14 – 69 CATV 1 - 125	V-Chip	Password protect viewing according to Age and Content Rating, TV Rating, and MPAA Rating
Antenna	75 Ohm External	HDTV supported inputs	Component Input (YPbPr) and DVI: 1080i/720p/480p/480i

Television Control Specifications

Universal Remote Control	Programmable universal remote controls TV and 3 additional devices, including HP Digital Entertainment Centers and Media Center PCs.	Front Controls	Input Selection, Menu, Channel up, Channel Down, Volume up, Volume Down, Power
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Additional Features

Auto Channel Program
Channel Skip/Add
Image Zoom
Sleep timer (30-60-90-120 Minutes)
Closed Caption
V-Chip Parental Control

Television Connections Specifications

Antenna Input (75 Ohm F connector)	1
High Definition Component Input (Y, Pb, Pr)	2
Composite Video Input (AV)	2
S-Video Input	1
PC Input (RGB-VGA)	1
DVI-HDCP Interface	1
HDCP Support	Yes
A/V Audio Inputs	2
PC Audio Inputs	1
Component Audio Input (RCA L/R)	2
Composite Video Output	1
TV Audio Out - RCA Pair	1
Subwoofer Audio Output	1
RS-232 (for service)	1

Television Power Specifications

Input Power	100 V~220 V	Power Saving Mode	< 5 watts
Nominal Current	3.8 A	Off Mode	< 3 watts (switch off)
Frequency	50 Hz ~ 60 Hz	Integrated Power Supply	Yes
Average	400 watts	Power Cable Length	70 in (1.8 m); Detachable



¹ 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 operating at 25 ± °C.

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Key Audio Specifications

Speakers	10W x 2 attachable speakers	Speakers	Removable
Sound Enhancement	SRS WOW™ : Creates a bigger, enhanced audio experience by providing three dimensional sound, enhancing musical vocals, and creating the perception of deep, rich bass. BBE™ High Definition Audio : Restores clarity and presence for better speech intelligibility and musical realism.	MTS / SAP	Yes – Stereo, Mono, SAP
Audio Power	10W x 2	Audio out	1 (RCA pair)
		Audio Controls	Bass/Treble/Volume/Balance/Mute

Television Weights and Dimensions

Dimensions (H x W x D)	Panel w/ stand and speakers (h x w x d) 28.9 x 49.7 in x 11.7 in (735.8 mm x 1263.2 mm x 298 mm) Panel and speakers without stand (h x w x d) 25.5 in x 49.7 in x 4.7 in (649 mm x 1263 mm x 121 mm) Panel alone (h x w x d) 29.0 in x 40.7 in x 4.7 in (649.2 mm x 1034.4 mm x 121 mm) Stand Area (Footprint d x w) 11.7 in x 28.3 in (298 mm x 720.5 mm) Packaged 33.3 in x 45.2 in x 17.7 in (854 mm x 1158 mm x 455 mm)
Weight	Panel (without speakers and stand) 76.5 lbs (34.7 kg) Speakers 3.5 lbs x 2 (1.6 kg/pc x 2) Stand 11.2 lbs (5.1 kg) Packaged 113.5 lbs (51.5 kg) Base Ships attached and is removable Packaged 113.5 lbs (51.5 kg)
Base	Ships attached and is removable

Environmental Specifications

Temperature - Operating	32°F ~ 104°F (0°C ~ 40°C)
Temperature - Non-operating	-4°F ~ 140°F (-20°C ~ 60°C)
Humidity - Operating	15%~80%
Humidity - Non-operating	85%
Altitude - Operating	0 to 6,562 ft. (0 to 2,000 m)
Altitude - Non-operating	0 to 9843 ft. (0 to 3,000 m)

Accessories, Warranty and Agency Approvals

Accessories Included	Quick Setup Guide Printed Users Guide Warranty Card Remote Control Speakers	Recommended Solution Additions	HP Digital Entertainment Center HP Media Center PC
Cables included	75 Ohm Coaxial Cable Speakers Speaker Cables (2) Power Cable	Wall Mounting	Yes—with optional Wall Mount (Wall Mount sold separately)
		Agency Approvals	FCC Approval UL Approval
		Warranty	1 year, parts and labor



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