

50PV490

50" Class 1080p Plasma TV
(49.9" measured diagonally)



FEATURES

- Full HD 1080p Resolution
- PenTouch TV
- Picture Wizard II
- Intelligent Sensor
- Smart Energy Saving
- ISFccc® Ready



IS IT A TV? OR SOMETHING BETTER?

Get into Full HD because you want the highest resolution and a great way to watch sports and fast action with an amazingly clear picture. The PV490 also features LG's unique PenTouch touchscreen technology.



LG's touch sensitive stylus control takes TV interaction to a whole new level. Users can access files from their PC and work on them on the big screen. Additionally this product comes with a suite of software programs that include applications that allow users to edit photos, keep calendars, access the internet and more.



This stunning picture is the reason you wanted HDTV in the first place. With almost double the pixel resolution, Full HD 1080p gives it superior picture quality over standard HDTV. You'll see details and colors like never before.



Get easy self-calibration with on-screen reference points for key picture quality elements such as black level, color, tint, sharpness and backlight levels. Take the guesswork out of picture adjustments with this simple-to-use feature. It's not actually magic, but it will sure seem that way.



50PV490

50" Class 1080p Plasma TV



PANEL SPECIFICATIONS

Screen Size	50" Class (49.9" measured diagonally)
Native Resolution	1920 x 1080p
Dynamic Contrast Ratio	3,000,000:1
Protective Skin Glass	•
ISM (Image Sticking Minimization)	• (White Wash/Orbiter/Color Wash)

BROADCASTING SYSTEM

Analog	NTSC
Digital	ATSC/NTSC/Clear QAM (1 Tuner)

VIDEO

Dual XD Engine	•
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes (16:9/Just Scan/Set by Program/4:3/Zoom/Cinema Zoom)
Just Scan (1:1 Pixel Matching) 0% OverScan	HDMI 1080p/1080i/720p Component 1080p/1080i/720p RF 1080i/720p
Enhanced Noise Reduction	• (High/Medium/Low/Off)
Color Temperature	Expert: 3 Modes (Warm/Medium/Cool)
24p Real Cinema (3:3 Pull Down)	• (HDMI 1080 24p)
Cinema 3:2/2:2 Pull Down Mode	•
HD Up-Converting	•
AV Mode	•
Picture Mode	8 Modes (Vivid/Standard/APS/Cinema/Sports/Game/isf Expert 1/isf Expert 2)
XD Color (Active Color Management)	•
ISFccc Ready	•
Intelligent Sensor Mode	•
DTV Signal Strength	•
PC Resolution	1920 x 1080 @ 60Hz

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output (Watts - THD 10%)	10W + 10W
Speaker System	Invisible Speaker (2 Speakers, 1 Way)
Dolby Digital Decoder	•
Surround System	Infinite Surround
Bass/Treble/Balance	•
Smart Volume Leveler	•
Clear Voice II	•
Auto Volume Leveler II	•
Sound Mode	5 Modes (Standard/Music/Cinema/Sports/Game)

USB 2.0

mp3	•
JPEG	•
Video (Moving Picture Playback)	•

SPECIAL FEATURES

Intelligent Sensor	•
Picture Wizard II	•
Smart Energy Saving	•
1080p Source Input	HDMI 60p/30p/24p Component 60p/30p/24p RGB 60p (WXGA)
AV Input Navigation/EZ Input Toggle	•
Input Labeling	•
Screen Adjust/Auto (Manual) Configure	•
Quick View (Flashback)	•
Parental Control w/V-Chip	•
Rating (DTV)	• (by EPG)
Key Lock	•
Closed Caption	•
SIMPLINK™	• (All HDMI)

PENTOUCH TV FEATURES

PenTouch Pen	1 Pen Included (AN-TP200) (mini USB rechargeable; approx 3 hours of charge time for 8 hours of use)
PenTouch Dongle	1 Dongle Included (AN-TD200)
PenTouch Software CD	• (Included) / Computer Required (Not Included)
Recommended System Requirements	CPU: Dual-Core 2GHz or better Memory: 1GB or more HDD: 500MB or more Display: Graphic card with 1920 x 1080 FHD (for PZ850 series) or 1024 x 768 (for PV490 series) via RGB or HDMI output port. Windows 7 is recommended due to its support of multi-touch
Supported Operating System	Windows XP 32 bit Windows Vista 32 bit/64 bit Windows 7 32 bit/64 bit (Windows 7 Starter edition is not supported)

CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Auto Tuning/Programming	•
Channel Add/Delete	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep	•

AV INPUTS/OUTPUTS

RF In (Antenna/Cable)	1 (Rear)
AV In	2 (1 Side/1 Rear)
Component Video In (Y, Pb, Pr) + Audio	2 (Rear)
Digital Audio Out (Optical)	1 (Rear)
HDMI™/HDCP Input	3 (1 Side/ 2 Rear)
RGB In (D-Sub 15 Pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)
USB 2.0	1 (Side)
RS-232C (Control/Service)	1 (Rear)

CABINET/ACCESSORIES

Swivel	Fixed
VESA Compatible	• (400mm x 400mm)
Remote Control	Standard

POWER

Voltage, Hz	100V ~ 240V, 50/60Hz
Consumption	139Wh
Standby Mode	<0.2W

DIMENSIONS/WEIGHT

TV without Stand (WxHxD)	46" x 28" x 2.1"
TV with Stand (WxHxD)	46" x 30.9" x 13.8"
Shipping Dimensions (WxHxD)	49.8" x 32" x 12.1"
TV without Stand Weight	61.1 lbs
TV with Stand Weight	65.5 lbs
Shipping Weight	77.6 lbs

WARRANTY/UPC

Limited Warranty	2 Year Panel 1 Year Parts & Labor
UPC	719192582774

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Design, features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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