



2009 VIERA® V10 Series Plasma 1080p HDTVs



- TC-P50V10 – 50" Class (49.9" Measured Diagonally)
- TC-P54V10 – 54" Class (54.1" Measured Diagonally)
- TC-P58V10 – 58" Class (58" Measured Diagonally)
- TC-P65V10 – 65" Class (64.8" Measured Diagonally)



*THX® emulates the color of digital cinema projectors currently in theaters.

Digital Cinema Color*

Covers 120% of the conventional HDTV color standard, giving you a full display of all movie-essential colors.



THX® Certified Display

Ensures movie images are played back as the movie creators' intended them.



VIERA CAST™

Brings exciting web content into your living room. No PC required!

- 1080p Full-HD Resolution
- Neo PDP
 - Full-Time 1080 TV Lines Moving Picture Resolution
 - Contrast Ratio: 40,000:1 Native; Infinite Black Panel
 - Brighter Panel
- Digital Cinema Color*
- VIERA CAST™
- THX® Certified Display
- 600Hz Sub-field Drive
- VIERA Image Viewer™ with AVCHD Playback
- VIERA Link™
- AR (Anti-Reflective) Filter
- 4 HDMI Inputs
- 2" Design with One-Sheet-of-Glass (50" & 54" Models Only)
- Swivel Base (50" Model Only)
- 24p Cinematic Playback
- RS-232C
- PC Input
- 100,000 Hour Panel Life

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2009 VIERA® V10 Series Plasma 1080p HDTVs Specifications

	TV-P50V10	TV-P54V10	TC-P58V10	TC-P65V10
VIDEO				
Screen Size Diagonal (inches)	49.9	54.1	58.0	64.7
Aspect Ratio	16:9	16:9	16:9	16:9
Number of Pixels	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)
Pixel Pitch (mm)	0.576 x 0.576 mm	0.624 x 0.624 mm	0.669 x 0.669 mm	0.747 x 0.747 mm
Moving Picture Resolution	1080 lines	1080 lines	1080 lines	1080 lines
Contrast Ratio	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel
Shades of Gradation	5,120 equivalent	5,120 equivalent	5,120 equivalent	5,120 equivalent
HDTV Display Capability (1080p, 1080i, 720p)	Y	Y	Y	Y
EDTV Display Capability (480p)	Y	Y	Y	Y
Aspect Control	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode
Panel	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP
Screen Coating (Filter)	AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter
Progressive Scan	Y	Y	Y	Y
600 Hz Sub-field Drive	Y	Y	Y	Y
24p Cinematic Playback	Y	Y	Y	Y
24p Playback (2 : 3)	Y	Y	Y	Y
Digital Cinema Color	Y	Y	Y	Y
Deep Color	Y	Y	Y	Y
x.v.Color™	Y	Y	Y	Y
THX® Mode	Y	Y	Y	Y
Motion Adaptive 3D Y/C Digital Comb Filter	Y	Y	Y	Y
3D Color Management	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y
Motion Pattern Noise Reduction	Y	Y	Y	Y
AUDIO				
Speakers	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)
Number of Speakers	2	2	2	2
Audio Output	20 W (10% THD) (6 ohms, 170 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 170 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 170 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 170 Hz - 16 kHz)
BBE® VIVA HD3D Sound	Y	Y	Y	Y
Surround Sound	Y	Y	Y	Y
JACKS				
Integrated ATSC Tuner	Y	Y	Y	Y
VIERA Image Viewer™	Y (AVCHD/MPEG2/JPEG playback)	Y (AVCHD/MPEG2/JPEG playback)	Y (AVCHD/MPEG2/JPEG playback)	Y (AVCHD/MPEG2/JPEG playback)
HDMI Input	4 (1 side)	4 (1 side)	4 (1 side)	4 (1 side)
Analog Audio Input (for HDMI/DVI)	Y	Y	Y	Y
Composite Video Input	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
S-Video Input	1	1	1	1
Audio Input (for Video)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
PC Input	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)	Mini D-sub 15-pin x 1 (rear)
Audio Input (for PC)	Stereo M3 (3.5 mm) Jack	Stereo M3 (3.5 mm) Jack	Stereo M3 (3.5 mm) Jack	Stereo M3 (3.5 mm) Jack
Component Video Input (Y, PB, PR)	2	2	2	2
Audio Input (for Component Video)	2	2	2	2
LAN Port	1	1	1	1
RS232C	1	1	1	1
Analog Audio Output	1	1	1	1
Digital Audio Output (Optical)	1	1	1	1
CONVENIENCE				
VIERA Link™	Y (with Network Camera)	Y (with Network Camera)	Y (with Network Camera)	Y (with Network Camera)
VIERA CAST™ (IPTV)	Y	Y	Y	Y
Remote Controller	IR	IR	IR	IR
VIERA® Tools	Y	Y	Y	Y
Game Mode	Y	Y	Y	Y
Pixel Orbiter (Anti-Image Retention)	Y	Y	Y	Y
Trilingual Menu (English/Spanish/French)	Y	Y	Y	Y
V-Chip Program Lock Out	Y	Y	Y	Y
Built-In Closed Caption Decoder	Y	Y	Y	Y
Off - Timers	Y	Y	Y	Y
Video Input Label	Y	Y	Y	Y
Video Picture Memory	Y	Y	Y	Y
GENERAL				
Power Supply	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz
Rated Power Consumption				
Standby Power Consumption				
On Mode Average Power Consumption				
ENERGY STAR®	Y	Y	Y	Y
Receiving System	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Dimensions with stand	Height [inches (mm)]	32.2" (818 mm)	52.6" (1,336 mm)	
	Width [inches (mm)]	48.9" (1,241 mm)		
	Depth [inches (mm)]	15.8" (401 mm)		
Dimensions W/O stand	Height [inches (mm)]	30.5" (774 mm)	32.9" (835 mm)	
	Width [inches (mm)]	48.9" (1,241 mm)	52.6" (1,336 mm)	
	Depth [inches (mm)]	3.3" (84 mm) [2.2" (55 mm); exclusive of protruding portion]	3.3" (84 mm) [2.1" (53 mm); exclusive of protruding portion]	xx [yy: exclusive of protruding portion]
Weight with stand [lbs (kg)]				
Weight W/O stand [lbs (kg)]				
Operating Temperature	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)
Safety Standard	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL
Carton Dimensions	Height [inches (mm)]	36.5" (927 mm)		
	Width [inches (mm)]	55.3" (1,404 mm)		
	Depth [inches (mm)]	11.2" (284 mm)		
Gross Weight [lbs (kg)]				
Swivel Angle	±10°	—		
Optional Wall-mounting Bracket Model Numbers (Angled)	TY-WK4P1RW	TY-WK5P1RW	TY-WK5P1RW	—
Optional Wall-mounting Bracket Model Numbers (Vertical)	—	—	—	—
UPC	037988-242511	037988-242504	037988-242498	037988-242481

Notice: VIERA Link™ is a new name for EZ Sync™. Not all VIERA Link™ features are usable with earlier VIERA Link™ and EZ Sync™ compatible products. Design and specification are subject to change without notice. All pictures are simulated. Infinite Black Panel=2,000,000:1 Dynamic Contrast Ratio