

2010 VIERA® C2 Series Plasma



600HZ SUB-FIELD DRIVE

Experience fast-moving scenes in crisp, vivid resolution.



VIERA IMAGE VIEWER™ PHOTO

Enjoy your photos on the big screen.



VIERA LINK™

Control multiple compatible devices with one remote.

- 2,000,000:1 Dynamic Contrast
- ENERGY STAR 4.0
- Mercury- and Lead-Free Panel
- Long Panel Life – Up to 100,000 hours

Panasonic VIERA

2010 VIERA® C2 Series PLASMA Specifications

2010 Plasma Specifications (America)	TC-P50C2	TC-P46C2	TC-P42C2	
VIDEO				
Screen Size Diagonal (inches)	49.9	46.0	41.6	
Aspect Ratio	16:9	16:9	16:9	
Number of Pixels	786,432 (1,024 x 768)	786,432 (1,024 x 768)	786,432 (1,024 x 768)	
Moving Picture Resolution	720 lines	720 lines	720 lines	
Contrast Ratio	Dynamic: 2,000,000:1	Dynamic: 2,000,000:1	Dynamic: 2,000,000:1	
Shades of Gradation	6,144 equivalent	6,144 equivalent	6,144 equivalent	
HDTV Display Capability (1080p, 1080i, 720p)	Y	Y	Y	
EDTV Display Capability (480p)	Y	Y	Y	
Aspect Control	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	
Full HD 3D	—	—	—	
AR (Anti-Reflective) Filter	—	—	—	
600Hz Sub-field Drive	Y	Y	Y	
24p Cinematic Playback	—	—	—	
24p Playback (2:3)	Y	Y	Y	
Deep Color	Y	Y	Y	
x.v.Color	Y	Y	Y	
THX® Mode	—	—	—	
ISFccc	—	—	—	
Studio Ref Mode	—	—	—	
Pro Setting	—	—	—	
3D Color Management	Y	Y	Y	
Sub Pixel Control	—	—	—	
Motion Pattern Noise Reduction	Y	Y	Y	
AUDIO				
Speakers	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	
Number of Speakers	2	2	2	
Audio Output	20 W (10% THD)	20 W (10% THD)	20 W (10% THD)	
BBE® VIVA HD3D Sound	—	—	—	
Surround Sound	Y	Y	Y	
JACKS				
Integrated ATSC Tuner	Y	Y	Y	
VIERA Image Viewer™	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	
HDMI Input	2	2	2	
Support Feature	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	
USB	—	—	—	
Analog Audio Input (for HDMI/DVI)	Y	Y	Y	
Composite Video Input	2 (1 side)	2 (1 side)	2 (1 side)	
Audio Input (for Video)	2 (1 side)	2 (1 side)	2 (1 side)	
PC Input	—	—	—	
Component Video Input (Y, Pb, Pr)	2	2	2	
Audio Input (for Component Video)	2	2	2	
LAN Port	—	—	—	
RS232C	—	—	—	
Digital Audio Output (Optical)	1	1	1	
CONVENIENCE				
VIERA Link™	Y	Y	Y	
VIERA CAST™(IPTV)	—	—	—	
Skype™ Ready	—	—	—	
VIERA Tools	Y	Y	Y	
Game Mode	—	—	—	
3D Active Shutter Eyewear	—	—	—	
Clean Touch Bezel	—	—	—	
Pixel Orbiter (Anti-Image Retention)	Y	Y	Y	
Trilingual Menu (English/Spanish/French)	Y	Y	Y	
Built-in Closed Caption Decoder	Y	Y	Y	
Off-Timers	Y	Y	Y	
GENERAL				
Power Supply	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	
Rated Power Consumption	299 W		235 W	
Standby Power Consumption	0.3 W		0.5 W	
On Mode Average Power Consumption				
ENERGY STAR	Y	Y	Y	
Receiving System	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	
Dimensions with Stand	Height [inches (mm)]	32.2" (817 mm)	30.4" (771 mm)	27.8" (704 mm)
	Width [inches (mm)]	48.0" (1,218 mm)	44.6" (1,132 mm)	40.6" (1,029 mm)
	Depth [inches (mm)]	14.1" (357 mm)	14.1" (357 mm)	12.1" (307 mm)
Dimensions w/o Stand	Height [inches (mm)]	30.3" (769 mm)	28.5" (722 mm)	26.1" (661 mm)
	Width [inches (mm)]	48.0" (1,218 mm)	44.6" (1,132 mm)	40.6" (1,029 mm)
	Depth [inches (mm)]	3.7" (93 mm)	3.7" (93 mm)	3.7" (93 mm)
Weight with Stand [lbs. (kg)]	72.8 lbs. (33.0 kg)	67.3 lbs. (30.5 kg)	57.4 lbs. (26.0 kg)	
Weight w/o stand [lbs. (kg)]	70.6 lbs. (32.0 kg)	62.9 lbs. (28.5 kg)	53.0 lbs. (24.0 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)	
Safety Standard	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	
Carton Dimensions	Height [inches (mm)]	34.4" (872 mm)	32.6" (826 mm)	30.2" (767 mm)
	Width [inches (mm)]	53.0" (1,345 mm)	49.6" (1,259 mm)	45.6" (1,156 mm)
	Depth [inches (mm)]	11.2" (284 mm)	11.2" (284 mm)	11.2" (284 mm)
Gross Weight [lbs. (kg)]	88.2 lbs. (40 kg)	77.2 lbs. (35 kg)	66.1 lbs. (30 kg)	
Swivel Angle	—	—	—	
Optional Wall-Mounting Bracket Model Numbers	TY-WK4P1RW	TY-WK4P1RW	TY-WK4P1RW	