

# 2010 VIERA® VT20 Series Plasma



## FULL HD 3D

Full HD 3D puts you inside the action and creates a new world of TV viewing realism.



## VIERA CAST™ WIFI WITH SKYPE® CAPABILITIES

Enjoy great Web entertainment and cutting-edge communication on your HDTV.

## INFINITE BLACK PRO PANEL

New phosphor technology produces deep blacks and vivid images with minimal reflection.



## THX® CERTIFIED DISPLAY

Experience true theater in your own home.

- One Pair of 3D Eyewear Included
- 600Hz Sub-field Drive
- 1080p Lines Moving Picture Resolution
- VIERA Image Viewer™ Photo and Video
- VIERA Link™ Connectivity with Network Camera
- 24p Cinematic Playback
- 2 USB Ports and PC Input
- ENERGY STAR 4.0

**Panasonic** VIERA

# 2010 VIERA® VT20 Series PLASMA Specifications

2010 Plasma Specifications (America)		TC-P50VT20
<b>VIDEO</b>		
Screen Size Diagonal (inches)		49.9
Aspect Ratio		16:9
Number of Pixels		2,073,600 (1,920 x 1,080)
Moving Picture Resolution		1080 lines
Contrast Ratio		Infinite Black Pro
Shades of Gradation		6,144 equivalent
HDTV Display Capability (1080p, 1080i, 720p)		Y
EDTV Display Capability (480p)		Y
Aspect Control		Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode
Full HD 3D		Y
AR (Anti-Reflective) Filter		Y
600Hz Sub-field Drive		Y
24p Cinematic Playback		Y
24p Playback (2:3)		Y
Deep Color		Y
x.v.Color		Y
THX® Mode		Y
ISFccc		—
Studio Ref Mode		—
Pro Setting		—
3D Color Management		Y
Sub Pixel Control		Y
Motion Pattern Noise Reduction		Y
<b>AUDIO</b>		
Speakers		Woofer x 1, Full-range x 2 (L, R)
Number of Speakers		3
Audio Output		30 W (10% THD)
BBE® VIVA HD3D Sound		Y
Surround Sound		Y
<b>JACKS</b>		
Integrated ATSC Tuner		Y
VIERA Image Viewer™		Y (AVCHD/MPEG2/JPEG playback)
HDMI Input		4 (1 side)
Support Feature		Audio Return Channel (Input 1) / 3D Input (All)
USB		2
Analog Audio Input (for HDMI/DVI)		Y
Composite Video Input		2 (1 side)
Audio Input (for Video)		2 (1 side)
PC Input		D-sub 15-pin x 1 (side)
Component Video Input (Y, Pb, Pr)		2
Audio Input (for Component Video)		2
LAN Port		1
RS232C		—
Digital Audio Output (Optical)		1
<b>CONVENIENCE</b>		
VIERA Link™		Y (with Network Camera)
VIERA CAST™(IPTV)		Y
Skype™ Ready		Y
VIERA Tools		Y
Game Mode		Y
3D Active Shutter Eyewear		1 included
Clean Touch Bezel		—
Pixel Orbiter (Anti-Image Retention)		Y
Trilingual Menu (English/Spanish/French)		Y
Built-In Closed Caption Decoder		Y
Off-Timers		Y
<b>GENERAL</b>		
Power Supply		AC 120 V, 60Hz
Rated Power Consumption		
Standby Power Consumption		
On Mode Average Power Consumption		
ENERGY STAR		Y
Receiving System		ATSC/QAM/NTSC
Dimensions with Stand	Height [inches (mm)]	31.9" (810 mm)
	Width [inches (mm)]	48.2" (1,224 mm)
	Depth [inches (mm)]	13.2" (335 mm)
Dimensions w/o Stand	Height [inches (mm)]	30.4" (771 mm)
	Width [inches (mm)]	48.2" (1,224 mm)
	Depth [inches (mm)]	3.6" (90 mm)
Weight with Stand [lbs. (kg)]		67.2 lbs. (30.5 kg)
Weight w/o stand [lbs. (kg)]		60.6 lbs. (27.5 kg)
Operating Temperature		32°F – 104°F (0°C – 40°C)
Safety Standard		UL6500/C-UL
Carton Dimensions	Height [inches (mm)]	34.4" (872 mm)
	Width [inches (mm)]	53.0" (1,345 mm)
	Depth [inches (mm)]	11.2" (284 mm)
Gross Weight [lbs. (kg)]		81.6 lbs. (37 kg)
Swivel Angle		±10°
Optional Wall-Mounting Bracket Model Numbers		TY-WK4P1RW