

# 2012 VIERA®

# SMARTVIERA

## GT50 Series Plasma



Screen image simulated.

Available Models:

TC-P65GT50  
TC-P60GT50  
TC-P55GT50  
TC-P50GT50

### FULL HD 3D

Immerse yourself in stunning realism that jumps off the screen.

### GLASS & METAL DESIGN

A breathtaking style that adds an instant sophistication to any décor.

### INFINITE BLACK PRO PANEL

Experience a new world of richer blacks and sharper contrasts.

### VIERA CONNECT™¹ WI-FI BUILT-IN WITH WEB BROWSER

Stay connected wirelessly to your favorite web content, sports, movies and so much more.

- THX 3D
- Fast Switching Phosphors
- 2500 FFD (Focused Field Drive)
- 24,576 Steps of Gradation Technology
- 1080p Full HD Resolution
- Louver Filter
- 2D to 3D Conversion
- 3D Real Sound
- Social Networking TV
- Skype™ Video Calling²
- 4 HDMI
- 3 USB
- VIERA Remote App Support
- DLNA
- Media Player (movie and photo-capable)
- PC Input
- Game Mode
- VIERA Link
- Multitasking
- Super Color Re-create (4.4.4)
- Mercury and Lead-free Panel
- Long Panel Life (up to 100,000 hours)

### STEP-UP FEATURES



¹Broadband Internet service required.  
²Optional communication camera required.

**Panasonic**  
ideas for life

**VIERA**

Official Worldwide  
Olympic Partner



# 2012 VIERA® GT50 Series Plasma

	TC-P66GT50	TC-P60GT50	TC-P56GT50	TC-P50GT50	
<b>DISPLAY</b>					
Screen Size Diagonal (inches)	64.7	60.1	55.1	49.9	
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)	
Panel	G15 Progressive Full-HD NeoPlasma	G15 Progressive Full-HD NeoPlasma	G15 Progressive Full-HD NeoPlasma	G15 Progressive Full-HD NeoPlasma	
HDTV Display Capability (1080p, 1080i, 720p)	Y	Y	Y	Y	
Aspect Control	4:3, Zoom, Full, Just, H-fill for TV / AV Modes 4:3, Full for PC Mode	4:3, Zoom, Full, Just, H-fill for TV / AV Modes 4:3, Full for PC Mode	4:3, Zoom, Full, Just, H-fill for TV / AV Modes 4:3, Full for PC Mode	4:3, Zoom, Full, Just, H-fill for TV / AV Modes 4:3, Full for PC Mode	
<b>PICTURE</b>					
Shades of Gradation	24,576 equivalent	24,576 equivalent	24,576 equivalent	24,576 equivalent	
Fast Switching Phosphor	Y	Y	Y	Y	
Filter	Infinite Black Pro	Infinite Black Pro	Infinite Black Pro	Infinite Black Pro	
Panel Drive	2,500 Focused Field Drive	2,500 Focused Field Drive	2,500 Focused Field Drive	2,500 Focused Field Drive	
24p Playback (3:2) / 24p Smooth Film	Y / Y	Y / Y	Y / Y	Y / Y	
24p Cinematic Playback	48 Hz	48 Hz	48 Hz	48 Hz	
THX Mode	Y (3D / 2D)	Y (3D / 2D)	Y (3D / 2D)	Y (3D / 2D)	
ISFccc	—	—	—	—	
Pro Setting	Y	Y	Y	Y	
Smart VIERA Engine Pro (Dual core processor)	Y	Y	Y	Y	
Pure Image Creation	Y	Y	Y	Y	
Vivid Color Creation	Y	Y	Y	Y	
Facial Retouch	Y	Y	Y	Y	
Web Contents Smoother	Y	Y	Y	Y	
1080p Pure Direct	Y	Y	Y	Y	
<b>FULL HD 3D</b>					
3D Panel	Y (Active)	Y (Active)	Y (Active)	Y (Active)	
3D 24p Cinema Smoother	Y	Y	Y	Y	
2D-3D Conversion	Y (with Face Detection)	Y (with Face Detection)	Y (with Face Detection)	Y (with Face Detection)	
<b>AUDIO</b>					
3D Real Sound	Y	Y	Y	Y	
Number of Speakers	Front Speaker (8 train speakers) x 2, Woofer (ø100 mm) x 1	Front Speaker (8 train speakers) x 2, Woofer (ø100 mm) x 1	Front Speaker (8 train speakers) x 2, Woofer (ø80 mm) x 1	Front Speaker (8 train speakers) x 2, Woofer (ø80 mm) x 1	
Audio Output	18 W (4 + 4 + 4 + 10)	18 W (4 + 4 + 4 + 10)	18 W (4 + 4 + 4 + 10)	18 W (4 + 4 + 4 + 10)	
Surround Sound	AV Surround	AV Surround	AV Surround	AV Surround	
<b>JACKS</b>					
Integrated ATSC Tuner	Y	Y	Y	Y	
HDMI Input	4 (4 side)	4 (4 side)	4 (4 side)	4 (4 side)	
Support Feature	Audio Return Channel (Input 2)	Audio Return Channel (Input 2)	Audio Return Channel (Input 2)	Audio Return Channel (Input 2)	
SD Card	Y (SDXC)	Y (SDXC)	Y (SDXC)	Y (SDXC)	
USB 2.0	3	3	3	3	
Analog Audio Input (for HDMI / DVI)	Y	Y	Y	Y	
Composite Video Input shared with Component	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	
Audio Input (for Composite Video)	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	
PC Input	D-sub 15-pin x 1 (lower)*	D-sub 15-pin x 1 (lower)*	D-sub 15-pin x 1 (lower)*	D-sub 15-pin x 1 (lower)*	
Component Video Input (Y, Pb, Pr) shared with Composite	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	
Audio Input (for Component Video)	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	RCA x 1 (lower)*	
Ethernet	1 (lower)	1 (lower)	1 (lower)	1 (lower)	
Digital Audio Output (Optical)	1 (lower)	1 (lower)	1 (lower)	1 (lower)	
<b>FEATURES</b>					
VIERA Connect™ (IPTV)	Y	Y	Y	Y	
Online Movies	—	—	—	—	
Web Browser	Y	Y	Y	Y	
Skype™ While Watching TV	Y	Y	Y	Y	
Multitasking	Y	Y	Y	Y	
Social Networking TV (Facebook / Twitter)	Y	Y	Y	Y	
VIERA Remote App Support	Y	Y	Y	Y	
VIERA Touch Pad Controller	—	—	—	—	
Wireless LAN Adaptor	Y (built-in)	Y (built-in)	Y (built-in)	Y (built-in)	
DLNA	Y	Y	Y	Y	
Media Player	Y (SD Card / USB)	Y (SD Card / USB)	Y (SD Card / USB)	Y (SD Card / USB)	
Support Format	AVCHD 3D / Progressive, SD-VIDEO / MotionJPEG (Lumix) / MKV / MP4 / MOV / M4v / FLV / 3GPP / VRO / VOB / TS / PS, MP3 / AAC / FLAC, JPEG / MPO	AVCHD 3D / Progressive, SD-VIDEO / MotionJPEG (Lumix) / MKV / MP4 / MOV / M4v / FLV / 3GPP / VRO / VOB / TS / PS, MP3 / AAC / FLAC, JPEG / MPO	AVCHD 3D / Progressive, SD-VIDEO / MotionJPEG (Lumix) / MKV / MP4 / MOV / M4v / FLV / 3GPP / VRO / VOB / TS / PS, MP3 / AAC / FLAC, JPEG / MPO	AVCHD 3D / Progressive, SD-VIDEO / MotionJPEG (Lumix) / MKV / MP4 / MOV / M4v / FLV / 3GPP / VRO / VOB / TS / PS, MP3 / AAC / FLAC, JPEG / MPO	
VIERA Link	Y	Y	Y	Y	
VIERA Tools	Y	Y	Y	Y	
Eco Mode	Y	Y	Y	Y	
Game Mode	Y	Y	Y	Y	
Pixel Orbiter (Anti-Image Retention)	Y	Y	Y	Y	
Pixel Orbiter (Anti-Image Retention)	Y	Y	Y	Y	
Trilingual Menu (English / Spanish / French)	Y	Y	Y	Y	
Built-In Closed Caption Decoder	Y	Y	Y	Y	
Off-Timers	Y	Y	Y	Y	
E-Help	Y	Y	Y	Y	
<b>GENERAL</b>					
Power Supply	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	
On Mode Average Power Consumption	—	—	—	—	
Receiving System	ATSC / QAM / NTSC	ATSC / QAM / NTSC	ATSC / QAM / NTSC	ATSC / QAM / NTSC	
Dimensions with Stand	Height (inches (mm))	37.0" (939 mm)	32.3" (818 mm)	32.3" (818 mm)	
	Width (inches (mm))	59.0" (1,498 mm)	50.6" (1,285 mm)	50.6" (1,285 mm)	
	Depth (inches (mm))	15.8" (400 mm)	14.1" (357 mm)	14.1" (357 mm)	
Dimensions without Stand	Height (inches (mm))	35.0" (889 mm)	30.3" (769 mm)	30.3" (769 mm)	
	Width (inches (mm))	59.0" (1,498 mm)	50.6" (1,285 mm)	50.6" (1,285 mm)	
	Depth (inches (mm))	1.9" (48 mm)	Max.: 1.9" (47 mm); General: 1.7" (41 mm)	Max.: 1.9" (47 mm); General: 1.7" (41 mm)	
Weight with Stand (lbs (kg))	97.0 lbs (44.0 kg)	84.9 lbs (38.5 kg)	71.7 lbs (32.5 kg)	59.6 lbs (27.0 kg)	
Weight without Stand (lbs (kg))	84.9 lbs (38.5 kg)	75.0 lbs (34.0 kg)	62.9 lbs (28.5 kg)	50.8 lbs (23.0 kg)	
Carton Dimensions	Height (inches (mm))	40.7" (1,032 mm)	37.9" (961 mm)	34.7" (880 mm)	32.3" (820 mm)
	Width (inches (mm))	67.5" (1,713 mm)	63.6" (1,614 mm)	59.7" (1,516 mm)	54.9" (1,394 mm)
	Depth (inches (mm))	14.1" (357 mm)	11.2" (284 mm)	11.2" (284 mm)	8.8" (222 mm)
Gross Weight (lbs (kg))	121.3 lbs (55 kg)	105.9 lbs (48 kg)	90.4 lbs (41 kg)	72.8 lbs (33 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	US: UL60065/FCC Part 15, CANADA: CSA C22.2/IC BETS-7	US: UL60065/FCC Part15, CANADA: CSA C22.2/IC BETS-7	US: UL60065/FCC Part15, CANADA: CSA C22.2/IC BETS-7	US: UL60065/FCC Part15, CANADA: CSA C22.2/IC BETS-7	
Swivel Angle	—	—	—	±10°	
VESA Compatible	—	—	—	—	
Optional Wall-mounting Bracket Model Numbers	TY-WK6P1RW	TY-WK5P1RW	TY-WK5P1RW	TY-WK4P1RW	
Glass & Metal Design	Y (Stylish Metal Frame)	Y (Stylish Metal Frame)	Y (Stylish Metal Frame)	Y (Stylish Metal Frame)	

\*with Special Adapter Cable (dedicated)

03/12 Specifications subject to change without notice.

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