

2012 VIERA®

SMARTVIERA

WT50 Series LED LCD



Available Models:
TC-L55WT50
TC-L47WT50

Screen image simulated.

FULL HD 3D

Immerse yourself in stunning realism that jumps off the screen.

NEW IPS LED WITH LOCAL DIMMING AND WIDER VIEWING ANGLE

New liquid crystal alignment technology enables a 178° viewing angle.

METAL AND GLASS COSMETIC DESIGN

A breathtaking design adds an instant sophistication to any décor.

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

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

- Clear Panel Pro
- 1920 Backlight Scanning
- 178° Viewing Angle
- Smart VIERA Engine Pro
- 2D to 3D Conversion with Face Detection
- ISFccc
- 24p Cinematic Playback
- Skype™ Video Calling²
- Social Networking TV
- DLNA
- Media Player (SD and USB)
- VIERA Remote App Support
- VIERA Link
- 4 HDMI / 3 USB / 1 SD Card Slot / 1 PC
- VIERA Touch Pad Controller
- Multitasking
- 3D Real Sound
- Swivel Base

STEP-UP FEATURES



¹Broadband Internet service required.

²Optional communication camera required.

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WT50 Series LED LCD

	TC-L55WT50	TC-L47WT50
DISPLAY		
Screen Size Diagonal (inches)	54.6	47.0
Aspect Ratio	16:9	16:9
Number of Pixels	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)
Panel	IPS LED LCD	IPS LED LCD
HDTV Display Capability (1080p, 1080i, 720p)	Y	Y
Aspect Control	480i/p: FULL, JUST, 4:3, ZOOM 1080i/p: FULL, H-FILL, JUST, 4:3, ZOOM	480i/p: FULL, JUST, 4:3, ZOOM 1080i/p: FULL, H-FILL, JUST, 4:3, ZOOM
PICTURE		
Viewing Angle	178 degrees	178 degrees
Filter	Clear Panel Pro	Clear Panel Pro
Panel Drive	1920 Backlight Scanning	1920 Backlight Scanning
24p Playback (3:2) / 24p Smooth Film	Y / Y	Y / Y
24p Cinematic Playback	48 Hz	48 Hz
ISFccc	Y	Y
Intelligent Scene Controller	Y	Y
Pro Setting	Y	Y
Smart VIERA Engine Pro (Dual core processor)	Y	Y
Pure Image Creation	Y	Y
Vivid Color Creation	Y	Y
Facial Retouch	Y	Y
Web Contents Smoother	Y	Y
1080p Pure Direct	Y	Y
FULL HD 3D		
3D Panel	Y (Active)	Y (Active)
3D 24p Cinema Smoother	Y	Y
2D-3D Conversion	Y (with Face Detection)	Y (with Face Detection)
Dedicated 3D Eyewear	—	—
AUDIO		
3D Real Sound	Y	Y
Number of Speakers	Front speaker (8 train speakers) x 2, Woofer (ø75 mm) x 1	Front speaker (8 train speakers) x 2, Woofer (ø75 mm) x 1
Audio Output	18 W (4 + 4 + 10)	18 W (4 + 4 + 10)
Surround Sound	AV Surround	AV Surround
JACKS		
Integrated ATSC Tuner	Y	Y
HDMI Input	4 (4 side)	4 (4 side)
Support Feature	Audio Return Channel (Input 2)	Audio Return Channel (Input 2)
SD Card	Y (SDXC)	Y (SDXC)
USB 2.0	3	3
Analog Audio Input (for HDMI / DVI)	Y	Y
Composite Video Input shared with Component	RCA x 1 (lower)*	RCA x 1 (lower)*
Audio Input (for Composite Video)	RCA x 1 (lower)*	RCA x 1 (lower)*
PC Input	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)*
Audio Input (for Component Video)	RCA x 1 (lower)*	RCA x 1 (lower)*
Ethernet	1 (lower)	1 (lower)
Digital Audio Output	1 (lower)	1 (lower)
FEATURES		
VIERA Connect™ (IPTV)	Y	Y
Online Movies	—	—
Web Browser	Y	Y
Skype™ While Watching TV	Y	Y
Multitasking	Y	Y
Social Networking TV (Facebook / Twitter)	Y	Y
VIERA Remote App Support	Y	Y
VIERA Touch Pad Controller	Y	Y
Wireless LAN Adaptor	Y (built-in)	Y (built-in)
DLNA	Y	Y
Media Player	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
VIERA Link	Y	Y
VIERA Tools	Y	Y
Eco Mode	Y	Y
Game Mode	Y	Y
Trilingual Menu (English / Spanish / French)	Y	Y
Built-In Closed Caption Decoder	Y	Y
Off-Timers	Y	Y
E-Help	Y	Y
GENERAL		
Power Supply	AC 110-127 V, 60 Hz	AC 110-127 V, 60 Hz
On Mode Average Power Consumption	85 W (TBD UNTIL Apr 3)	75 W (TBD UNTIL Mar 6)
Receiving System	ATSC / QAM / NTSC	ATSC / QAM / NTSC
Dimensions with Stand	Height (inches (mm))	31.6" (804 mm)
	Width (inches (mm))	48.7" (1,236 mm)
	Depth (inches (mm))	13.2" (335 mm)
Dimensions without Stand	Height (inches (mm))	28.6" (726 mm)
	Width (inches (mm))	48.7" (1,236 mm)
	Depth (inches (mm))	1.1" (27 mm)
Weight with Stand (lbs (kg))	—	35.3 lbs. (16.0 kg)
Weight without Stand (lbs (kg))	—	28.7 lbs. (13.0 kg)
Carton Dimensions	Height (inches (mm))	—
	Width (inches (mm))	—
	Depth (inches (mm))	—
Gross Weight (lbs (kg))	—	46.3 lbs. (21.0 kg)
Operating Temperature	32°F-95°F (0°C-35°C)	32°F-95°F (0°C-35°C)
Safety Standard	US: UL60065/FCC Part15, CANADA: CSA C22.2/IC BETS-7	US: UL60065/FCC Part15, CANADA: CSA C22.2/IC BETS-7
Swivel Angle	±15°	±15°
VESA Compatible	Y	Y
Optional Wall-mounting Bracket Model Numbers	—	—
Glass & Metal Design	Y (Super Narrow Metal Frame with Crescent Stand)	Y (Super Narrow Metal Frame with Crescent Stand)

*with Special Adapter Cable (dedicated)

03/12 Specifications subject to change without notice.

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