

**TX-P50VT20B**  
3D Plasma TV

VIERA NeoPDP Full HD 3D Plasma TV
Freeview HD & Freesat HD Built-in
"FULL HD 3D with two pairs of 3D Eyewear Included
Infinite Black Pro
600Hz Sub-field Drive Intelligent Frame Creation Pro
THX® Certified Display
VIERA CAST
VIERA Image Viewer (Photo and Video)



FULL HD 3D Plasma with Infinite Black Pro, 600Hz Sub-field Drive Intelligent Frame Creation Pro and THX Mode

**TV Tuner**

<b>Integrated Tuners***</b>	PAL-I, DVB-T/T2/S
<b>Teletext Reception</b>	1500P Level 2.5, FASTEXT/LIST



**Display**

<b>Resolution enhancer</b>	yes
<b>Screen Size</b>	50" (127 cm) diagonal
<b>Panel</b>	G13 Progressive Full-HD NeoPDP (Plasma Display Panel)
<b>Full HD 3D</b>	yes (3D Eyewear x 2 included)
<b>Filter</b>	High Contrast Filter Pro
<b>Viewing Angle</b>	Viewing Angle Free
<b>Response Speed</b>	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)
<b>Resolution</b>	Full-HD 1,920 x 1,080 (16:9)
<b>Applicable PC signals</b>	VGA, WVGA, SVGA, XGA, WXGA, SXGA 60Hz, 1920 x 1080

**Award**

2010-05-12T11:38:00  
TX-P50VT20B, Tech Radar, 5 Stars, May 2010



**Award**

2010-05-14T09:55:00  
TX-P50VT20B, Review by T3.com, 5 Stars, May 2010

**Applicable Scanning Format**

<b>FULL-HD</b>	1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
<b>HD</b>	750 (720)/50p, 750 (720)/60p
<b>SD</b>	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p
<b>Contrast Ratio (in dark surroundings)</b>	Infinite Black Pro (5,000,000:1 Native)

Moving Picture Resolution	1080 lines
Intelligent Frame Creation	600 Hz Sub Field Drive Intelligent Frame Creation Pro
24p Smooth Film/Plaback Plus/ Playback	24p Smooth Film/Playback
Digital Cinema Colour	TBC
Shades of Gradation	6,144 equivalent steps of gradation
Deep Colour (10/12-bit)	yes
x.v. Colour	yes
THX Mode	yes
3D Colour Management	yes
Picture Mode	Dynamic/Normal/THX/Cinema/Game/Photo/Pro1/Pro2 (ISFccc)
Vreal	Vreal Pro 5 3D

## Sound

Speakers	3 x 10 watt 2.1 ch, 3 Speakers
Sound Mode	Music/Speech/User
Virtual Surround	V-Audio ProSurround
Dolby Digital Out/CONEQ	Dolby Digital Plus/CONEQ

## Input/Output

CI (Common Interface)*	yes
VIERA Image Viewer	yes (AVCHD/SD-VIDEO/DivXHD/JPEG/MP3/AAC playback)
USB	2 (side); Flash Memory/Keyboard/WiFi/USB HDD Recording/HUB
HDMI Input/ Support Feature	4 (1 side, 3 rear)/ Audio Return Channel (Input 2) / 3D Input (Input 2)
Composite Video Input	AV3: RCA phono type x 1 (side)
Audio Input (for Video)	AV3: RCA phono type connectors (L, R) (1 set, side)
Component Video Input	RCA phono type x 3 [Y , PB, PR] (rear)
PC Input	Mini D-sub 15-pin x 1 (rear)
Audio Input (for HDMI, PC, Component)	RCA phono type connectors (L, R) (1 set, rear)
21-Pin Input/Output	AV1: AV In/Out, RGB In, Q-Link (rear) AV2: AV In/Out, S-Video In, RGB In, Q-Link (rear)
LAN Port	yes
Analogue Audio Out	RCA phono type connectors (L, R) (1 set rear)
Digital Audio Output (Optical)	yes
Headphone Jack	1 (side)
Service Port	yes

## Features

Wireless LAN Adaptor****	yes
EPG	yes
VIERA CAST	yes
VIERA Tools	yes



### Award

2010-05-17T15:01:00  
TX-P50VT20B, AV Forums, Highly Recommended Award, May 2010



### Award

2010-05-24T14:04:00  
TX-P50VT20B, HDTV-Test.co.uk, Reference Level Award, May 2010



### Award

2010-05-24T14:37:00  
TX-P50VT20B, CNET.co.uk, 9.5 Rating, May 2010



### Award

2010-06-01T09:49:00  
TX-P50VT20B, Trusted Reviews, Recommended Award, June 2010



### Award

2010-06-08T13:35:00  
TX-P50VT20B, What Video & High Def TV, Best Buy Award, Issue 361

DLNA	yes
VIERA Link	yes (HDAVI Control 5)
Multi Window	PIP/PAP/PAT
C.A.T.S. (Contrast Automatic Tracking System)	yes
Game Mode	yes
Q-Link	yes
Off Timer	yes
Child Lock	yes

## General

Power Save Mode	yes
Power Supply	AC 220 - 240 V, 50/60Hz
Rated Power Consumption	425 W
On mode Average Power Consumption**	252 W
Standby Power Consumption	0.4 W
Dimensions (W x H x D) (w/o stand)	1,224 x 771 x 90 mm
Dimensions (W x H x D) (with stand)	1,224 x 810 x 335 mm
Weight (w/o stand)	27.5 kg
Weight (with stand)	30.5 kg
Swivel Angle	±10°
Wall Bracket	TY-WK4P1RW

## NOTE

\* Common Interface Terminal to accommodate Conditional Access Module for additional Digital services i.e. Top-Up TV

\*\* Based on IEC 62087 Ed.2 measurement method.

\*\*\*Notice for DVB functions:

This TV is designed to meet the standards (current as of August, 2009) of DVB-T/C/S/S2 (MPEG2 and MPEG4-AVC [H.264]) services.

The compatibility with future DVB services is not guaranteed.

DVB-T MPEG4-AVC broadcast is available in selected countries: Denmark, Spain, Estonia, France, Lithuania, Norway, Slovenia, Sweden, Poland, Hungary, Portugal.

DVB-C feature is available only in following countries:

Sweden (ComHem, Canal Digital), Denmark (YouSee), Norway (Canal Digital), Finland (Cable Ready HD), Germany, Switzerland, Netherlands

The country list above is as of January 1st, 2010.

Check the latest information on the available services at the following website (English only):

<http://panasonic.jp/support/global/cs/tv/>

\*\*\*\*Depending on the area, this accessory may not be included.



## Award

2010-06-08T13:38:00

TX-P50VT20B, What Satellite & Digital TV, Ultimate System Award, June 2010



## Award

2010-06-11T19:33:00

TX-P50VT20B, AV Reviews, Group Test Winner Award, June 2010



## Award

2010-06-14T16:20:00

TX-P50VT20, Expert Reviews, Ultimate Award, June 2010



## Award

2010-06-24T12:22:00

TX-P50VT20, What Plasma and LCD TV, Best Buy award, Issue 79



**Award**

2010-08-24T12:23:00  
TX-P50VT20, T3, 5  
Stars, August 2010

**Award**

2010-07-07T10:51:00  
TX-P50VT20B, HDT-  
VOrg.co.uk, Scored  
93%, July 2010



**Award**

2010-06-24T11:43:00  
TX-P50VT20B, Reg-  
hardware.com, Editor's  
Choice Award, June  
2010



**Award**

2010-09-01T14:06:00  
TX-P50VT20B, Compu-  
ter Shopper, Ultimate  
Award, September 2010



**Award**

2010-09-01T09:27:00  
TX-P50VT20B, Stuff,  
Test Winner Award & 5  
Stars, September 2010



**Award**

2010-08-16T14:46:00  
TX-P50VT20, EISA, European 3D-Plasma TV  
2010-2011, August 2010



**Award**

2010-07-01T15:55:00  
TX-P50VT20B, Home Cinema Choice, Best Buy Award, July 2010

