



## TX-P42G20B Plasma TV

VIERA NeoPDP Full HD Plasma TV

Freeview HD & Freesat HD Built-in

600Hz Sub-field Drive Intelligent Frame Creation Pro

Infinite Black

THX® Certified Display

VIERA CAST

VIERA Image Viewer (Photo and Video)

Wi-Fi Ready



### Specification

#### TV Tuner

<b>Integrated Tuners***</b>	PAL-I, DVB-T/T2/S
<b>Teletext Reception</b>	1000P Level 2.5, FASTEXT/LIST

#### Display

<b>Resolution enhancer</b>	yes
<b>Screen Size</b>	42" (106 cm) diagonal
<b>Panel</b>	G13 Progressive Full-HD NeoPDP (Plasma Display Panel)
<b>Filter</b>	High Contrast Filter
<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
<b>Applicable Scanning Format</b>	
FULL-HD	1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
HD	750 (720)/50p, 750 (720)/60p
SD	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p
<b>Contrast Ratio (in dark surroundings)</b>	Infinite Black (5,000,000:1 Native)
<b>Moving Picture Resolution</b>	1080 lines
<b>Intelligent Frame Creation</b>	600 Hz Sub Field Drive Intelligent Frame Creation Pro
<b>24p Smooth Film/Playback Plus/Playback</b>	24p Smooth Film/Playback
<b>Shades of Gradation</b>	6,144 equivalent steps of gradation
<b>Deep Colour (10/12-bit)</b>	yes
<b>x.v. Colour</b>	yes
<b>THX Mode</b>	yes
<b>3D Colour Management</b>	yes
<b>Picture Mode</b>	Dynamic/Normal/THX/Cinema/Game/Photo/Pro1/Pro2 (ISFccc)

## Sound

<b>Speakers</b>	2 x 10 watt 2 Speakers
<b>Sound Mode</b>	Music/Speech/User
<b>Virtual Surround</b>	V-Audio Surround
<b>Dolby Digital Out/CONEQ</b>	Dolby Digital Plus/CONEQ

## Input/Output

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

## Features

<b>EPG</b>	yes
<b>VIERA CAST</b>	yes
<b>VIERA Tools</b>	yes
<b>DLNA</b>	yes
<b>VIERA Link</b>	yes (HDAVI Control 5)
<b>Multi Window</b>	PAT
<b>C.A.T.S. (Contrast Automatic Tracking System)</b>	yes
<b>Game Mode</b>	yes
<b>Q-Link</b>	yes
<b>Off Timer</b>	yes
<b>Child Lock</b>	yes

## General

<b>Power Save Mode</b>	yes
<b>Power Supply</b>	AC 220 - 240 V, 50/60Hz
<b>Rated Power Consumption</b>	290 W
<b>On mode Average Power Consumption**</b>	143 W
<b>Standby Power Consumption</b>	0.4 W
<b>Dimensions (W x H x D) (w/o stand)</b>	1,029 x 654 x 82 mm
<b>Dimensions (W x H x D) (with stand)</b>	1,029 x 693 x 308 mm
<b>Weight (w/o stand)</b>	20.5 kg
<b>Weight (with stand)</b>	23.5 kg
<b>Swivel Angle</b>	±15°
<b>Wall Bracket</b>	TY-WK4P1RW

## Further Specifications

### 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 (Com Hem, 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/>

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**Substance Information under EU Regulation 1907/2006 (REACH):**

For substance information in regards to the candidate list for authorisation under EU Regulation 1907/2006 (REACH), please visit [here](#) or contact: [reach@eu.panasonic.com](mailto:reach@eu.panasonic.com)

Please find the instructions for safe use of this product in the product manual.

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