



TX-P42V20B Plasma TV

VIERA NeoPDP Full HD Plasma TV

Freeview HD & Freesat HD Built-in

Infinite Black Pro

600Hz Sub-field Drive Intelligent Frame Creation Pro

THX® Certified Display

VIERA CAST

VIERA Image Viewer (Photo and Video)

Wi-Fi Ready



Specification

TV Tuner

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

Display

Resolution enhancer	yes
Screen Size	42" (106 cm) diagonal
Panel	G13 Progressive Full-HD NeoPDP (Plasma Display Panel)
Filter	High Contrast Filter Pro
Viewing Angle	Viewing Angle Free
Response Speed	0.001 msec. (Time of discharge after the drive pulse signal of the panel is sent.)
Resolution	Full-HD 1,920 x 1,080 (16:9)
Applicable PC signals	VGA, WVGA, SVGA, XGA, WXGA, SXGA 60Hz, 1920 x 1080
Applicable Scanning Format	
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
Contrast Ratio (in dark surroundings)	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/Playback Plus/Playback	24p Smooth Film/Playback
Digital Cinema Colour	yes
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

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)

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

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 350 W

On mode Average Power Consumption** 180 W

Standby Power Consumption 0.4 W

Dimensions (W x H x D) (w/o stand) 1,035 x 656 x 85 mm

Dimensions (W x H x D) (with stand) 1,035 x 695 x 308 mm

Weight (w/o stand) 21.0 kg

Weight (with stand) 24.0 kg

Swivel Angle ±15°

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 (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.

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

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

Copyright © 2010 Panasonic UK Ltd
All Rights Reserved. Model numbers &
specifications may differ in Ireland