

# Panasonic

ideas for life

Preliminary

65-inch Class TH-65VX300U  
1080p Full-HD Plasma Display

## Reproduce Vivid Colors and Lifelike Realism Right on Your 3D-Compatible Home Theater Display



### Main Features

1 | A professional-grade engine for high-quality 2D and 3D images.

2 | A Customize function for creating uniquely special images.

3 | A luxurious design that is ideal for home theater rooms.

# An imaging engine with professional specs for high-quality 2D and 3D images.

## This Professional-grade engine faithfully reproduces vividly colorful images

The professional specifications of this imaging engine increase the signal processing level for each pixel from the conventional\* 20 bits to 30 bits. All of the chrominance and brightness signals from the image source retain their natural beauty, for stunningly smooth, corner-to-corner color reproduction.

### Conventional\* engine (20-bit processor)



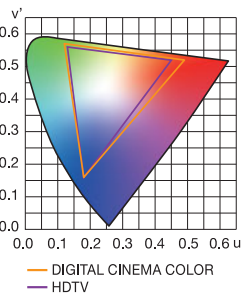
### New engine (30-bit processor)



\* PF12 Series.

## The Wide color gamut panel reproduces original movie colors

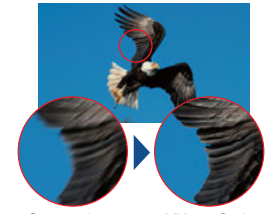
The wide color gamut approaches the digital cinema range to enable extremely fine color rendering that was simply not possible with conventional panels. You can also select from various color gamut types (DIGITAL CINEMA COLOR / HDTV / EBU / SMPTE-C / CUSTOM / NATIVE).



## High moving picture resolution clearly displays fast action

Phosphor improvements have boosted the motion display performance approximately 1.5 times\* over conventional models, making images such as those in sports scenes and action movies crisp and clear.

\* Compared with previous VX100 Series models of the same size.



• Conventional Image • VX300 Series Image

## Bi-level drive technology\* smoothly displays dark areas

Bi-level drive technology has improved the luminous efficiency to enable steady illumination even with relatively weak signal power. Reducing the minimum unit of brightness per flash by 1/2 has created finer steps of gradation, to produce tonal expression in dark areas that is twice as smooth as our previous VX100 Series.

\* Cinema mode only.

## Clear 3D images with virtually no double images

Pursuit of even faster panel response in VX300 Series plasma displays led to phosphor improvements and original lighting controls that deliver clear 3D images with virtually no double images (crosstalk). This creates 3D images that are so realistic, it almost feels like you are standing in the middle of the scene.

## A Customize function for creating uniquely special images.

### Process image with external scaler mode

With this advanced function, you can process images exactly the way you want them. It lets you convert the image with an external scaler instead of using the display's built-in scaler.

### Easily save preferred settings with Picture profile

The Picture profile function lets you save images that you've customized with the colors and preferences you want for each type of content you watch on your home theater. You can create, name, and store 16 different combinations of user adjustments from the menu, and create unique displays by locking images and editing titles.

### Customize your system SLOT2.0

Greater display convenience and system flexibility are gained with standard HD-SDI and DVI-D terminals (optional) compliant network function.



And more features

- Web browser control
- Blue only mode
- RGB cut off/Mono mode
- Wave form monitor

### TH-65VX300U Specifications

Display	Screen Size	64.7-inch (1,645 mm)
	Aspect Ratio	16:9
	Effective Display Area (W x H)	56.4" x 31.7" (1,434 x 806 mm)
	Resolution (H x V)	1,920 x 1,080 pixels
	Pixel Pitch (H x V)	0.030" x 0.030" (0.747 x 0.747 mm)
	Contrast Ratio*1	5,000,000:1
	Gradation	12,288 steps (equivalent)
	Full HD Moving Picture Resolution Speed*2	1,200 pixels per second
	Moving Picture Resolution*3	1,080 lines
	Panel Life*4	Approx. 100,000 hours
Connection Terminal	FULL HD 3D*5	FULL HD 3D Ready
	VIDEO IN/AUDIO IN (L/R)	N/A
	COMPONENT/RGB IN/AUDIO IN (L/R)	BNC x 3/RCA pin Jack x 1 set
	HDMI IN	HDMI TYPE A x 2
	DVI-D IN/AUDIO IN (L/R)	N/A
	PC IN/AUDIO IN (L/R)	D-sub 15-pin x 1/M3 Jack x 1 (Common terminal with DVI)
Control Terminal	LAN	RJ45 10BASE-T/100BASE-TX, Compatible with PjLink™
	Serial	D-Sub 9-pin x 1, RS-232C Compatible
	3D Shutter Out	M3 Jack x 1
	DC 8V Out for 3D IR Transmitter	Center Plus for EIAJ 4 mm Plug
Function Slot	SLOT2.0	Yes
	Power Requirements	110 - 127 V AC, 50/60 Hz
Electrical	Power Consumption	485 W
	On Mode Average Power Consumption*6	315 W (T.B.D.)
	Power Off Condition	0.2 W
	Stand-by Condition	Save ON 0.4 W, Save OFF 0.7 W
Sound	Speaker Out	8 Ω, 20 W [10 W + 10 W] (10 % THD)
	Dimensions (W x H x D)	61.2" x 36.4" x 3.7" (1,554 x 924 x 94 mm)
Mechanical	Weight (Approx.)	134.5 lbs. (60.0 kg)
	Cabinet Color	Black
	Temperature	32°F to 104°F (0 to 40 degrees)
Operating Environment	Humidity (Non Condensation)	20% to 80%
	Altitude	0 to 9,100 feet (0 to 2,800 m)

## A luxurious design that is ideal for home theater rooms.

The lush aluminum hairline finish matches virtually any room interior.



### Peripheral Equipment, Special Installation Options

3D IR Transmitter

TY-3D30TRW

3D-Compatible Dual HD-SDI Terminal Board:

TY-FB30DHD3D



Pedestal

TY-ST65VX300

3D-Compatible Dual DVI-D Terminal Board:

TY-FB30DD3D



Wall-Hanging Bracket

TY-WK65PR20

Various terminal boards and 3D Eyewear are also available.

\*1: The dark-room contrast ratio of the panel unit that can be displayed simultaneously on the same screen. Measured in "Dynamic" picture mode using a white signal in a 4% window.

\*2: This is a new motion-images performance index that was announced by the Advanced PDP Display Development Center Corporation (APDC) on January 27, 2011, as an advanced version of the conventional moving-picture resolution index. It expresses the ability to display motion images in Full-HD resolution based on the speed at which an image moves (the number of pixels that move per second).

\*3: According to the method of measuring moving-picture resolution to indicate motion-image display performance that was developed by the Advanced PDP Development Center Corporation (APDC).

\*4: Guideline operating hours before the panel brightness is reduced to half when the panel is used to display motion pictures in the Standard mode. Afterimages (burned-in images) and malfunctions are not taken into consideration.

\*5: An optional 3D IR Transmitter and 3D Eyewear are required for viewing 3D images.

\*6: Based on IEC 62087 Ed.2 measurement method.

\*NANODRIFT is a trademark of Panasonic Corporation.

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Screen pictures are simulated.  
Specifications are subject to change without notice.  
Design and specifications are subject to change without notice.  
As of August 24, 2011.  
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