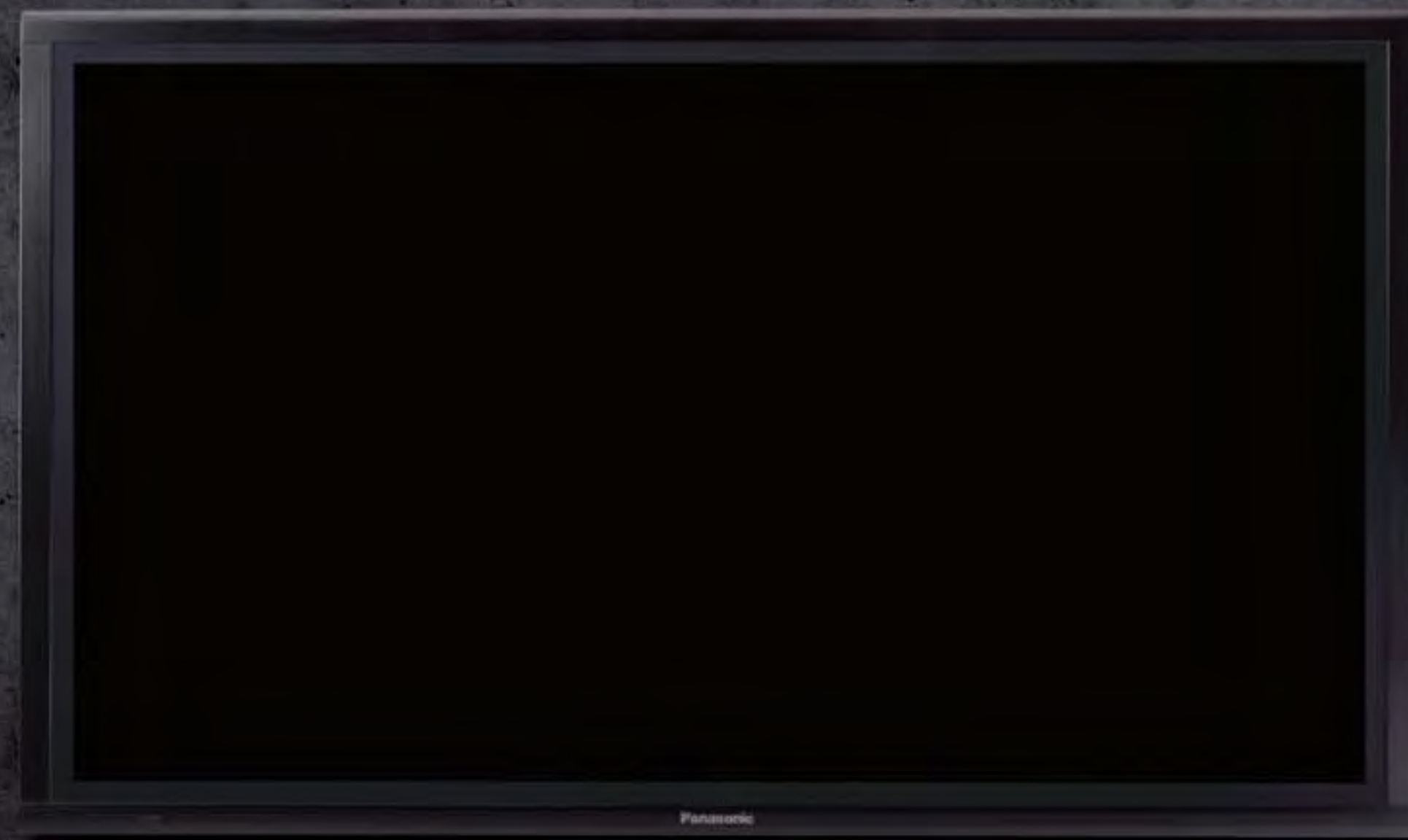


Panasonic
ideas for life

Panasonic



Professional specifications come to home cinema

Simulated pictures on screen.
Specifications are subject to change without notice.
Printed in Japan GLOBAL08CHT-02



TH-65VX100

Leave no detail overshadowed.

For plasmas, the recent focus has been on the level of black performance. The new Panasonic 65" Premiere Plasma takes it a step further: to the level of black detail. Because it's not just about absolute black – it's about the detail visible in the darkest shades – and no plasma reveals dark details better than the new Premiere Plasma.

But that's just the beginning.



TH-50VX100



Leave no colour underappreciated.

The 1080p Premiere Plasma panel features an expanded colour range that covers 120% of the HDTV colour standard, and a rated 60,000:1 contrast ratio with an industry-leading gradation level of 7,160 steps.

Add to that Panasonic's world-leading 18-bit digital signal processing and you've got an image unmatched by any other plasma display on the market.



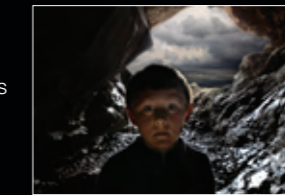
True Home Cinema Pleasure with a High-Quality Display

Visual Impact

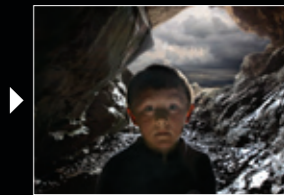
High contrast for blacker blacks

Images are rendered with tight, crisp blacks and a feeling of depth that virtually draws you into the picture. Details are clearly depicted even in dark image areas. The Premiere Plasma panel's high 60,000:1* contrast brings a truly lifelike level of transparency to each and every image.

Conventional



Premiere Plasma panel



Realistic images with remarkable depth. The industry's highest level of contrast -- 60,000:1.*

Smoother gradation

A full 7,160* steps of gradation naturally portray the textures of even highly detailed materials and the subtle colours of nature. Lifelike expression of every image, dark or bright, almost makes you feel like you're part of the scene.

Conventional



Premiere Plasma panel



Smooth, natural gradation.

Colours faithful to the original

The Premiere Plasma panel boasts true cinema picture quality. Featuring newly developed process technology and an innovative optical filter, this remarkable panel covers 120% of the HDTV colour standard with rich, vivid colouring.

Conventional



Premiere Plasma panel



A new level of colour fidelity for a wide range of colours, including reds and golds.

* TH-65VX100 only.

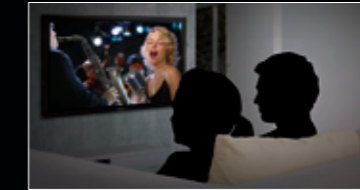


Filled with Professional Functions

Customised Viewing

Tailor the image to match the source

You can create, name, and store 16 different combinations of user adjustments from the menu. You can then easily switch to the preferred setting for viewing movies, sports, or playing video games.



Watching movies

Watch movies in a darkened, theater-like atmosphere.



Playing games

Crisp, vivid colours make games even more exciting.

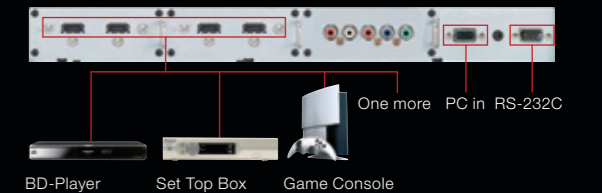


Watching sports

Show fast-moving athletes in vibrant colours.

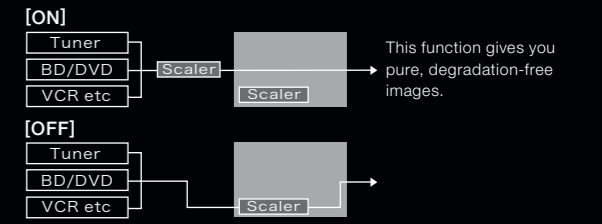
Customise your system

Single-cable connection to other AV devices, PCs, game machines, and other equipment is fast and easy thanks to four HDMI terminals, a PC-in terminal, an RS-232C terminal, and more. Adding or replacing other devices is also simple with an optional Terminal Board.



Process images with the Internal Scaler Bypass Function

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



Sophisticated Design

The aluminum bezel has a beautiful hairline finish.



The display is both beautiful and easy to view.



An attractive 3D logo plate enhances quality.



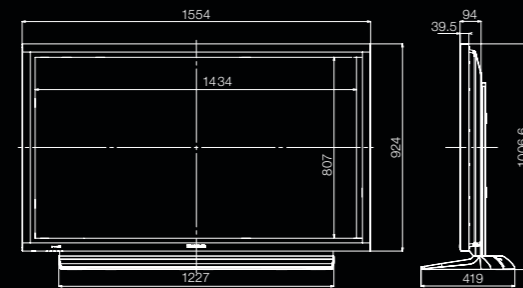
TH-65VX100



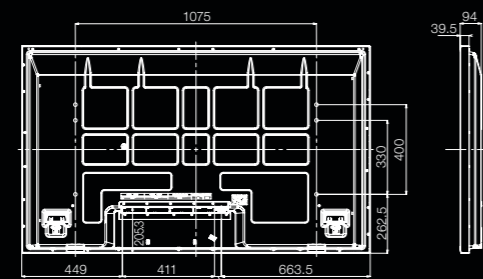
TH-50VX100

Dimensions (Unit:mm)

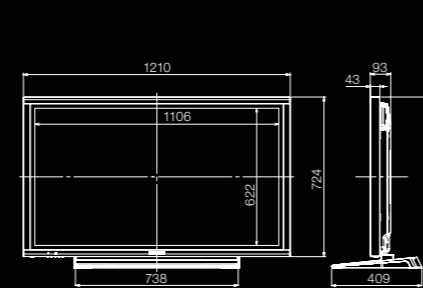
TH-65VX100



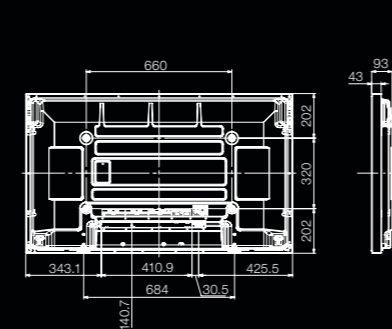
With the optional pedestal attached



TH-50VX100



With the optional pedestal attached



Specifications

		TH-65VX100	TH-50VX100	
DISPLAY	Screen Size (Diagonal)	65-inch (1,646 mm)	50-inch (1,269 mm)	
	Aspect Ratio	16:9	16:9	
	Effective Display Area (W x H)	1,434 x 807 mm	1,106 x 622 mm	
	Resolution (H x V)	1,920 x 1,080 pixels	1,920 x 1,080 pixels	
	Pixel Pitch (H x V)	0.747 x 0.747 mm	0.576 x 0.576 mm	
	Contrast Ratio	60,000:1	40,000:1	
APPLICABLE SIGNALS	Gradation	7,160 steps (equivalent)	6,144 steps (equivalent)	
	PC Signals	VGA, SVGA, XGA, WXGA, SXGA, UXGA (UXGA : compressed)		
TECHNICAL FEATURES	Picture Menu	STANDARD/DYNAMIC/CINEMA/MONITOR		
	Color Temp	NORMAL-COOL-STUDIO-WARM		
	Black Extension	Yes	Yes	
	Input Level	Yes	Yes	
	Gamma	S CURVE/1.0/2.0/2.2/2.5/2.6	S CURVE/1.0/2.0/2.2/2.5/2.6	
	AGC	Yes (ON/OFF)	Yes (ON/OFF)	
	W/B	HIGH R/G/B, LOW R/G/B	HIGH R/G/B, LOW R/G/B	
	3:2 Pull-down	Yes (ON/OFF)	Yes (ON/OFF)	
	Studio Gain	Yes (ON/OFF)	Yes (ON/OFF)	
	Video Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)	
	Block Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)	
	Mosquito Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)	
	isf Mode	Day/Night	Day/Night	
	INPUT / OUTPUT	PC In	Mini D-sub 15-pin x1 (Female)	Mini D-sub 15-pin x1 (Female)
		Fixed Terminals	Audio In	Plug & Play (VESA DDC 2B)
		Serial	M3 jack x 1	M3 jack x 1
		Interchangeable Terminals	HDMI In (Slot1)	D-sub 9-pin x 1 (Male)
HDMI In (Slot2)			HDMI x 2	HDMI x 2
Component In (Slot3)			HDMI x 2	HDMI x 2
Audio In (L/R)		RCA x 3	RCA x 3	
EXT. SCALER Function		RCA pin jack x 2	RCA pin jack x 2	
User Calibration Memory		ON/OFF	ON/OFF	
Memory Lock		16 memories	16 memories	
Screen Saver	Lock1/Lock2	Lock1/Lock2		
Side Bar Adjust	Yes (4 different mode)	Yes (4 different mode)		
Wobbling	OFF/DARK/MID/BRIGHT	OFF/DARK/MID/BRIGHT		
Peak Limit	ON1/ON2/OFF	ON1/ON2/OFF		
Power Save	Yes (ON/OFF)	Yes (ON/OFF)		
Stand By Save	Yes (ON/OFF)	Yes (ON/OFF)		
Power Management	Yes (ON/OFF)	Yes (ON/OFF)		
Auto Power Off	Yes (ON/OFF)	Yes (ON/OFF)		
Customizing the On-Screen	Yes (ON/OFF)	Yes (ON/OFF)		
ELECTRICAL	Power Requirements	TYPE1/TYPE2/TYPE3 AC 220-240 V, 50Hz/60Hz ^{*1,2}	TYPE1/TYPE2/TYPE3 AC 220 - 240 V, 50Hz/60Hz ^{*1,2}	
	Power Consumption	AC 120 V, 50Hz/60Hz ^{*3}	AC 120 V, 50Hz/60Hz ^{*3}	
	Power off Condition	710 W ^{*1}	485 W ^{*1}	
		695 W ^{*2}	555 W ^{*2}	
		755 W ^{*3}	605 W ^{*3}	
Stand-by Condition	0.4 W ^{*1,2}	0.4 W ^{*1,2}		
MECHANICAL	Dimensions (W x H x D)	0.2 W ^{*3}	0.1 W ^{*3}	
	Weight	Save Off 1.2 W, Save On 0.7 W ^{*1,2}	Save Off 1.2 W, Save On 0.7 W ^{*1,2}	
	Cabinet Colour	Save Off 1.0 W, Save On 0.5 W ^{*3}	Save Off 0.9 W, Save On 0.5 W ^{*3}	
ENVIRONMENTAL	Operating Environment	1,554 x 924 x 94 mm	1,210 x 724 x 93 mm	
	Altitude	approx. 69.0 kg	approx. 37.0 kg	
	Temperature	Black (Aluminum Hairline Finish)	Black (Aluminum Hairline Finish)	
RADIATION REGULATIONS	Humidity	0°C - 40°C		
	Altitude	20% - 80% (Non condensation)		
	EN55022 Class-B, EN55024, EN61000-3-2, EN61000-3-3 ^{*1}	0 - 2,800m		
SAFETY REGULATION	CISPR22 Class-B ^{*2}			
	FCC Part 15 Class-B, ICES-003, NOM ^{*3}			
	EN60065 Ver.7 ^{*1}			
AS/NZS60065, GOST12.2.006-B7, IEC60065 ^{*2}		UL6500 Ver.2 / NOM approval ^{*3}		

*1: Europe model

*2: Australia, New Zealand, CIS models

*3: Mexico, Panama models

Options

Pedestal

TY-ST65VX100 (for 65-inch model)

TY-ST50VX100 (for 50-inch model)

Wall-Hanging Bracket (Vertical)

TY-WK65PV7 (for 65-inch model)

TY-WK42PV7 (for 50-inch model)

Wall-Hanging Bracket (Angled)

TY-WK65PR8 (for 65-inch model)

TY-WK42PR7 (for 50-inch model)

Terminal Boards

BNC Component Video Terminal Board: TY-42TM6A

RCA Component Video Terminal Board: TY-42TM6Z

HD-SDI Terminal Board: TY-FB9HD

HD-SDI Terminal Board with audio: TY-FB10HD

Dual Link HD-SDI Terminal Board: TY-FB11DHD

Dual HDMI Terminal Board: TY-FB10HMD

DVI-D Terminal Board: TY-FB11DD

Ir Through Terminal Board: TY-FB9RT

Included Accessory

Remote Control Transmitter

Illuminated Buttons

The channel and volume buttons —the ones you use most often— light up for easy access and operation in the dark.

