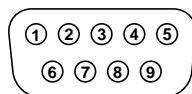


Preset Input Signals

Signal name	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Optional Terminal Board											Dot Clock (MHz)					
			Component Video TY-42TM6Y	Component Video TY-42TM6A/Z	PC Input TY-42TM6P	RGB Active Through TY-42TM6G	Composite Video TY-42TM6B/V	BNC Dual Video TY-FB95D	DVI-D (for PF series) TY-FB9FDD	DVI-D (for Reference) TY-42TM6D	SDI TY-FB7SD	HD-SDI TY-FB9HD	HDMI TY-FB8HM	PC IN (D-Sub 15-pin) Fixed Terminal	Component RGB In/PC In	DVI-D In			
Composite	NTSC	15.73	59.94	Y															
	PAL	15.63	50.00	Y															
	PAL60	15.73	59.94	Y															
	SECAM	15.63	50.00	Y															
	Modified NTSC	15.73	59.94	Y															
Component/RGB	525 (480)/60i	15.73	59.94	Y	Y	Y	Y					Y	Y				13.5		
	525 (480)/60p	31.47	59.94	Y	Y	Y	Y					Y	Y				27.0 (*2)	27.0	
	625 (575)/50i	15.63	50.00	Y	Y	Y	Y					Y	Y				13.5		
	625 (575)/50p	31.25	50.00	Y	Y	Y	Y										27.0		
	625 (575)/60p	31.25	50.00									Y	Y						
	750 (720)/60p	45.00	60.00	Y	Y	Y	Y					Y	Y				74.25	74.25	
	750 (720)/50p	37.50	50.00	Y	Y	Y	Y					Y	Y				74.25	74.25	
	1125 (1080)/60i	33.75	60.00	Y	Y	Y	Y					Y	Y				74.25	74.25	
	1125 (1080)/60p	67.50	60.00	Y (*1)	Y (*1)	Y (*1)	Y (*1)					Y					148.5	148.5	
	1125 (1080)/50i	28.13	50.00	Y	Y	Y	Y					Y	Y				74.25	74.25	
	1125 (1080)/50p	56.25	50.00	Y (*1)	Y (*1)	Y (*1)	Y (*1)					Y					148.5	148.5	
	1125 (1080)/30p	33.75	30.00	Y	Y	Y	Y					Y					74.25		
	1125 (1080)/25p	28.13	25.00	Y	Y	Y	Y					Y					74.25		
	1125 (1080)/24p	27.00	24.00	Y	Y	Y	Y					Y					74.25		
	1125 (1080)/24sF	27.00	47.92	Y	Y	Y	Y					Y					74.25		
	1250 (1080)/50i	31.25	50.00	Y	Y	Y	Y										74.25		
	RGB	640 x 400 @70Hz	31.46	70.07	Y	Y	Y	Y										25.17	
		640 x 480 @60Hz	31.47	59.94	Y	Y	Y	Y					Y	Y				25.18 (*3)	25.18
		640 x 480 @72Hz	37.86	72.81	Y	Y	Y	Y										31.5	
		640 x 480 @75Hz	37.50	75.00	Y	Y	Y	Y										31.5	
		640 x 480 @85Hz	43.27	85.01	Y	Y	Y	Y										36.0	
		800 x 600 @56Hz	35.16	56.25	Y	Y	Y	Y										36.0	
		800 x 600 @60Hz	37.88	60.32	Y	Y	Y	Y					Y					40.0	40.0
		800 x 600 @72Hz	48.08	72.19	Y	Y	Y	Y										50.0	
		800 x 600 @75Hz	46.88	75.00	Y	Y	Y	Y										49.5	
800 x 600 @85Hz		53.67	85.06	Y	Y	Y	Y										56.25		
852 x 480 @60Hz		31.47	59.94	Y	Y	Y	Y					Y	Y				33.54 (*3)	34.24	
1024 x 768 @50Hz		39.55	50.00									Y						51.89	
1024 x 768 @60Hz		48.36	60.00	Y	Y	Y	Y					Y					65.0	65.0	
1024 x 768 @70Hz		56.48	70.07	Y	Y	Y	Y										75.0		
1024 x 768 @75Hz		60.02	75.03	Y	Y	Y	Y										78.75		
1024 x 768 @85Hz		68.68	85.00	Y	Y	Y	Y										94.5		
1066 x 600 @60Hz		37.64	59.94	Y	Y	Y	Y					Y					53.0	53.0	
1152 x 864 @60Hz		53.70	60.00									Y						81.62	
1152 x 864 @75Hz		67.50	75.00	Y	Y	Y	Y										108.0		
1280 x 960 @60Hz		60.00	60.00	Y	Y	Y	Y										108.0		
1280 x 960 @85Hz		85.94	85.00	Y	Y	Y	Y										148.5		
1280 x 1024 @60Hz		63.98	60.02	Y	Y	Y	Y					Y					108.0	108.0	
1280 x 1024 @75Hz		79.98	75.03	Y	Y	Y	Y										135.0		
1280 x 1024 @85Hz		91.15	85.02	Y	Y	Y	Y										157.5		
1366 x 768 @50Hz		39.55	50.00									Y						69.92	
1366 x 768 @60Hz		48.36	60.00	Y	Y	Y	Y					Y					86.71	87.44	
1400 x 1050 @60Hz		65.22	60.00									Y						122.61	
1600 x 1200 @60Hz		75.00	60.00	Y	Y	Y	Y					Y					162.0	162.0	
1600 x 1200 @65Hz		81.25	65.00	Y	Y	Y	Y										175.5		
1920 x 1080 @60Hz		67.50	60.00	Y (*1)	Y (*1)	Y (*1)	Y (*1)					Y					148.5	148.5	
1920 x 1200 @60Hz		74.04	59.95									Y						154.0	
Mac 13 (640 x 480)		35.00	66.67	Y	Y	Y	Y										30.24		
Mac 16 (832 x 624)		49.72	74.54	Y	Y	Y	Y										57.28		
Mac 21 (1152 x 870)		68.68	75.06	Y	Y	Y	Y										100.0		

*1: The PH series does not accept these signals.
 *2: When selected the RGB format and 525p signal input to the Mini D-sub 15P terminal, it is recognized as VGA 60 Hz signal.
 *3: When inputted VGA 60 Hz format signal from the other than Mini D-sub 15P terminal, it is recognized as 525p signal.
Note: When a signal having a resolution that exceeds the panel resolution is input, a simplified display will be produced.

Serial RS232C: D-Sub 9-Pin (Male)



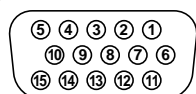
Pin Assignment and Signal Name

Pin No.	Signal name	Descriptions
1	CD	NC
2	RXD	Receive Data
3	TXD	Transmit Data
4	DTR	Not used
5	GND	Ground
6	DSR	Not used
7	RTS	Short Circuit
8	CTS	
9	RI	NC

Communication Parameters

Signal Level	Complied with RS232C
Synchronization Method	Asynchronous
Baud Rate	9600 bps
Parity	None
Character Length	8 bits
Stop Bit	1 bit
Flow Control	—

PC Input: D-Sub 15-Pin (Female)



Signal Name

Pin No.	Signal name	Pin No.	Signal name
1	R (Pr/Cr)	9	NC (Not connected)
2	G (Y)	10	GND (Ground)
3	B (Pb/Cb)	11	NC (Not connected)
4	NC (Not connected)	12	SDA
5	GND (Ground)	13	HD/SYNC
6	GND (Ground)	14	VD
7	GND (Ground)	15	SCL
8	GND (Ground)		

Supplied Remote Control

(Comes with every Panasonic Plasma Display model.)



Remote Control Functions

- Power On
- Power Off
- Direct Input Selection (1/2/3/PC)
- Input Selection
- Status
- Surround On/Off
- Sound Mute On/Off
- Volume Up/Down
- Normalization (N)
- Exit (R)
- Position/Action
- Digital Zoom
- Dual Picture (MULTI PIP/SWAP/SELECT/MOVE)
- Picture
- Sound
- Set Up
- Picture Position/Size
- Aspect
- PC Mode Selection
- Off Timer
- Normal/ID Remote Selection
- ID Number Set
- ID All

Panasonic ideas for life

Professional Plasma Displays



The Right Choice for Professional Use



Panasonic ideas for life



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 Division of Panasonic Corporation of North America
 www.panasonic.com/proplasma

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 Phone -
 For 103* TH103PF9UK - (877) PANA 103 / (877) 726-2103
 All other Professional Plasmas - 1-800-528-8601

Panasonic Sales Company
Division of Matsushita Electric of Puerto Rico, Inc.
 San Gabriel Industrial Park, 65th Infantry Ave., K.M.9.5, Carolina, PR 00630 (787) 750-4300

Panasonic Canada Inc.
 5770 Ambler Drive, Mississauga, Ontario L4W 2T3 (905) 624-5010

Superior Picture Quality, Usability, Expandability — The Performance You Need in Professional Applications

Better viewing quality. Easier operation. Greater flexibility. Those are just three reasons why Panasonic plasma display panels are the smart choice for professional use.

Our models deliver the industry's most detailed color gradation and highest contrast, so you get crisp, clear colors and a stunning visual experience.

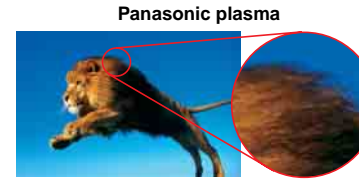
Panasonic plasma displays are exceptionally easy to use and flexible too. Thanks to our signature multi-function slot system, you can use our displays in almost any AV, PC or interactive environment.

Throughout the new lineup, you'll see Panasonic's commitment to providing displays with quality, performance and features that meet the widest range of professional applications. Why do the most demanding users choose Panasonic? State-of-the-art picture quality.

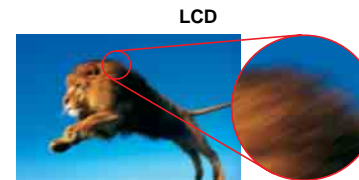
Reasons for Panasonic Plasma Display Superiority

Superb Motion Image Resolution

With a Panasonic plasma display, even fast-moving action images are clear, crisp and beautiful.



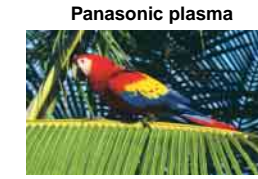
Fast-moving images are clear and sharp.



Afterimages and blurriness spoil the image.

Faithful Color Reproduction

Panasonic plasma displays offer superb color reproduction over every part of the image.



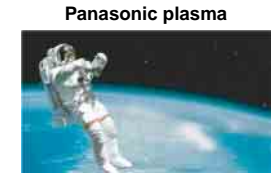
Colors are clear, vibrant and faithful to the original source.



Pictures can appear reddish with weak blue tones.

Higher Contrast and Deeper Blacks

Panasonic plasma displays deliver deep, rich blacks and contrast as high as max. 10,000:1 (PH Series).



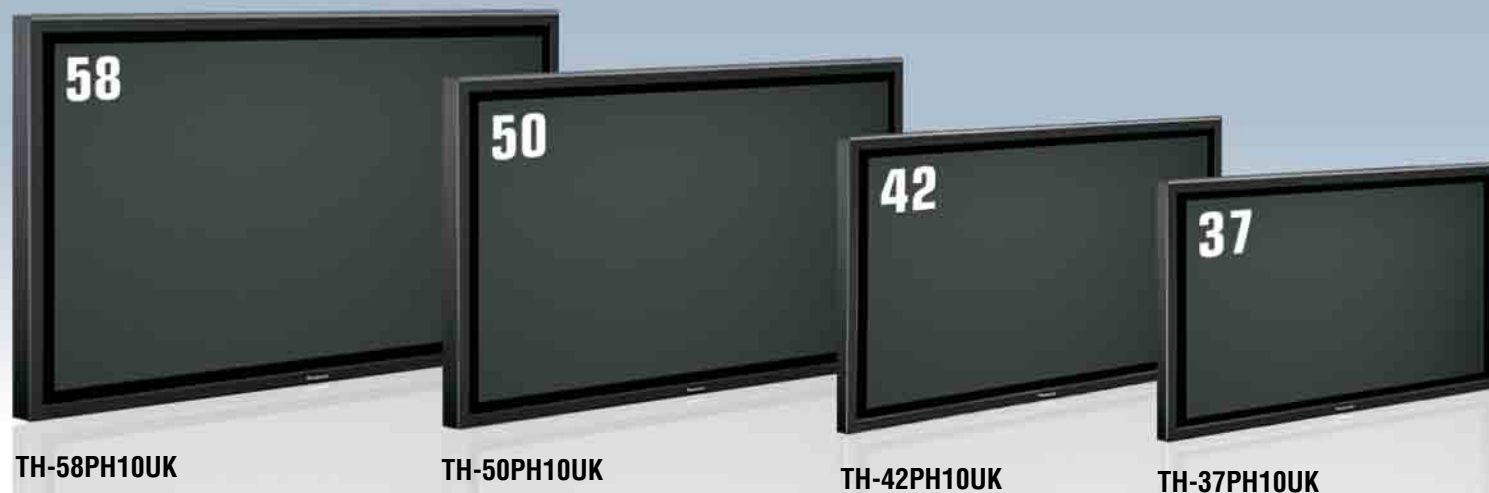
Crisper, deeper blacks.



A hazy brightness in dark scenes.

HD

1080p HD



TH-58PH10UK

TH-50PH10UK

TH-42PH10UK

TH-37PH10UK

1080p



TH-50PF9UK

TH-65PF9UK

TH-103PF9UK

1080p

Ultimate 1080p HD Plasma Displays: Unleashing the Full Capability of 1080p HD

Panasonic introduces three professional 1080p HD plasma displays including the world's largest* plasma panel at 103 inches. Simply, the larger your screen size, the more detail you need your display device to deliver. Our new plasma panels incorporate a host of leading-edge technologies to reproduce clear, brilliant images with exceptional detail, true 1080p resolution and outstanding depth perception. The new models also provide smooth, sharp motion images, true-to-life color and the equivalent of 4,096 gradation steps. With their superior imaging performance, Panasonic's new plasma display panels unleash the full capability of 1080p HD.

* As of September 15, 2006



TH-65PF9UK
65-inch (165 cm) diagonal 1080p High Definition Plasma Display



TH-103PF9UK
103-inch (260 cm) diagonal 1080p High Definition Plasma Display



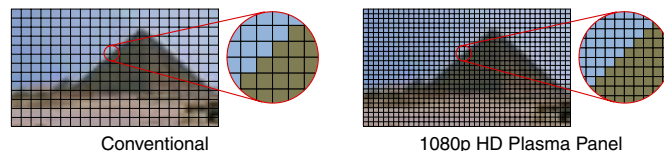
TH-50PF9UK
50-inch (127 cm) diagonal 1080p High Definition Plasma Display

Advanced Technologies Deliver Superb 1080p HD Image Quality

True 1080p High-Definition Images

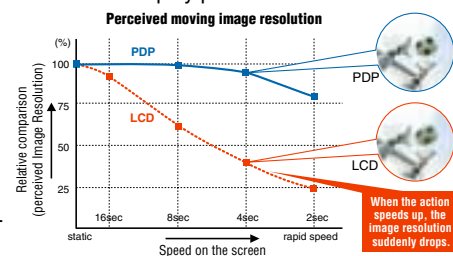
A Huge Screen — and Twice as Much Image Information

Our new 1080p HD plasma models feature about 2 million pixels (1920 horizontal x 1080 vertical) — about twice as many as our conventional HD models. Images are uniformly clear, sharp and super-detailed across the entire screen surface. With our industry-leading 103-inch panel — about four times the size of a 50-inch panel — the viewing impact is nothing less than spectacular.



Superior Moving Image Resolution

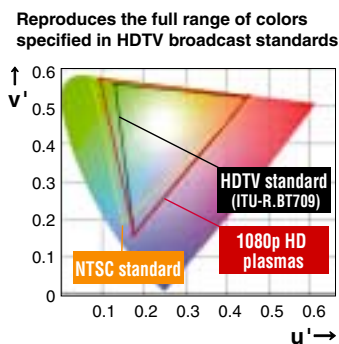
To deliver the full beauty of HD images, the display needs to render moving images in clear detail. Plasma display panels use a self-illuminating system to boost resolution in images with fast motion. Panasonic brings out all the beauty inherent in 1080p HD, reproducing crisp, sharp images that move smoothly even when viewed on the 103-inch screen.



Superior Color Reproduction

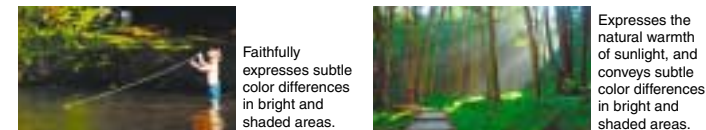
Reproducing the Entire HDTV Color Range

HD sources are based on the HDTV standard rather than the conventional NTSC standard. In our new 1080p HD models, the panel phosphor characteristics closely match the HDTV-standard color gamut. This lets our plasmas reproduce the entire color range specified in the HDTV standard (ITU-R. BT709), so images are natural-looking and faithful to the original HD source.



Digital Color Reality for Accurate Reproduction of the Ambience in Movies

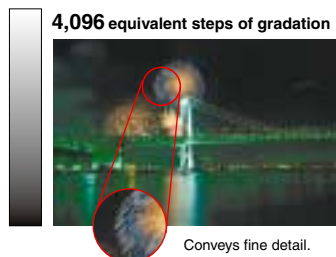
In Super Cinema mode, Digital Color Reality boosts precision in the digital control of color and brightness video data by a factor of four (white chromaticity fluctuation of less than 0.003). By continuously adjusting the white balance and performing gamma correction as scenes change, this technology accurately expresses the warmth of light, and reproduces delicate shading. With movie scenes especially, the new plasma displays create the kind of faithful ambience that were difficult for previous systems to deliver.



4,096 Equivalent Steps of Gradation

4,096 Gradation Steps — Tops in the Industry

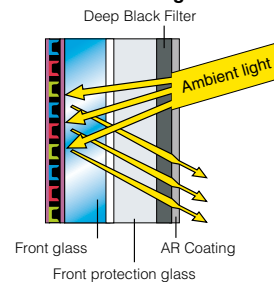
Thanks to Panasonic's advanced 16-bit digital image processing, our new plasma models reproduce crisp, clear motion picture images with the equivalent of 4,096 gradation steps. This industry-leading gradation level not only creates richer, deeper blacks, it also enhances image depth, conveys fine detail, and recreates ambience with the kind of accuracy only a 1080p HD plasma display can offer.



Deep, Crisp Blacks and the Industry's Highest Contrast

Our New Real Black Creation technology achieves up to 5000:1 contrast — tops in the industry. This combines with our New Deep Black Filter and New AR Coating technologies, which help maintain crisp blacks even in bright image surroundings, to give images superb depth and textural quality.

New Deep Black Filter with AR Coating



Explore a Wider World of Video Applications

For Applications Demanding Extremely Clear, High-Resolution Still and Motion Images

PRESENTATIONS

- All models incorporate a new TY-FB9FDD DVI-D terminal board that supports UXGA and WUXGA signals (simplified display mode). When connected to a PC, Panasonic plasmas provide a big-screen display of data such as CAD images with outstanding clarity, detail and color accuracy.
- Able to display highly detailed documents and medical images with exceptional clarity and sharpness, Panasonic 1080p HD models are suitable for use in conferences and presentations with large audiences.



MONITORING

- Our 103-inch model is perfect for control rooms where crystal-clear display of detailed information is essential. The super-size screen makes it easy for everyone to see the information.
- In image quality, Panasonic's extra-large-screen, high-resolution plasma models easily outperform projection displays. They can also be installed in places where bulky conventional direct-viewing displays could not.



For Applications Demanding the Highest Color Accuracy

TV/VIDEO PRODUCTION

- Digital Color Reality reproduces colors the way movie makers and colorists meant them to be seen.
- The new PDPs reproduce colors across the entire HDTV-standard range, so colors from HD sources are faithful and natural-looking.
- Now supporting 10-bit input signals, the new TY-FB9HD HD-SDI terminal board achieves precise color reproduction and rich gradation.
- The 1080p HD plasmas provide full-digital processing from signal input to display, making them suitable for use as HD studio monitors.



MUSEUMS/EXHIBITS

- Digital Color Reality technology provides detailed, true-to-life reproduction of colors in all kinds of images, from fine paintings to HD video programs. Panasonic's 1080p HD models render artistic images with stunning beauty.
- Biggest in the industry, our 103-inch model is easily visible even in large spaces, so you can deliver more information to a greater number of people.



For Applications Demanding Visible Image Textures

DIGITAL SIGNAGE

- With an industry-leading 4,096 gradation steps, Panasonic's 1080p HD plasma models realistically convey the texture and surface quality of objects.
- Optional plug-in PC board and CAT5e system with software applications let you schedule and deliver rich, multimedia content to your targeted audience at any time.
- With the 103-inch model in portrait orientation, images of people can be shown in actual life-size to draw attention.



MINI-THEATERS

- Panasonic's 1080p HD models provide outstanding motion image resolution, so movies are clear and sharp. The 103-inch screen is suitable for mini-theater applications.
- Digital Color Reality technology delivers accurate gradation from light to dark.
- The picture is clear and beautiful even when viewed from up close. The viewing angle is 45 degrees at a distance of twice the screen height, providing the kind of dynamism and presence enjoyed in movie theaters.

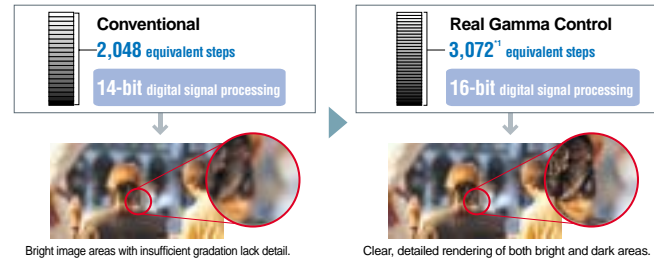


3,072*1 Equivalent Steps of Gradation for Finely Nuanced Images

Real Gamma Control

Instead of using first-stage, basic processing like other brands, Panasonic plasma displays use maximum 16-bit processing, the highest level in the industry, to process video signals all the way up to the gamma correction stage. While other brands use the number of signal bits for calculation, Real Gamma Control reproduces the actual image that appears on the screen at the world's highest level of 3,072*1 equivalent steps of gradation.

*1: For PH series. 4,096 equivalent steps for PF series.



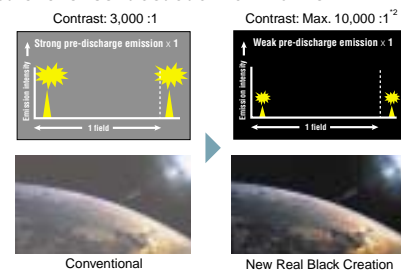
Max. 10,000:1*2 Contrast Provides Superb Depth

New Real Black Creation

Panasonic's original New Real Black Creation technology helps achieve the industry's highest level of contrast at a maximum of 10,000:1*2 in dark image areas to reproduce exceptionally deep, rich blacks. This system suppresses unwanted graying by reducing the electrical pre-discharge to about 30% of the level of conventional plasma displays.

*2: For PH series.

Max. 5,000:1 for PF series.

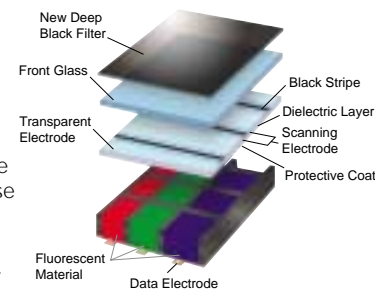


Excellent Brightness Even in Bright Rooms

Advanced Plasma Display Panel

Use of improved panel materials and enhanced rib and electrode shapes have boosted the efficiency of our plasma display panels. We've also attained a stable, high-speed discharge to cope with the light intensity in the finely-controlled discharge. These features combine to increase screen brightness by 20%*3 compared with previous models.

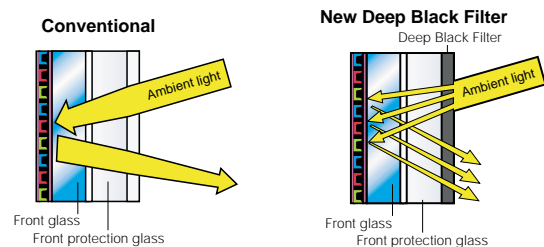
*3: For PH series. 5% for PS series.



Even Higher Bright-Area Contrast

New Deep Black Filter

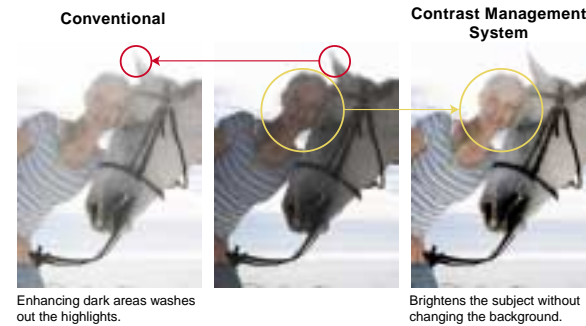
The New Deep Black Filter suppresses light transmittance and slashes the amount of external light reflected. This technology helps improve the contrast when viewed in bright surroundings. Reflection is minimal, so images are clean and distraction-free.



Superior Expressive Detail

Contrast Management System

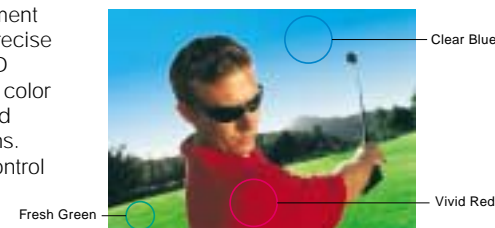
Original Panasonic technology optimizes the contrast by matching it to the images in each scene. Instead of losing gradation by making part of the image too bright or too dark, this new technology applies just the right amount of contrast correction for each part of the scene. The result brings natural beauty to all parts of the scene.



Rich, Vibrant Colors

Advanced 3D Color Management

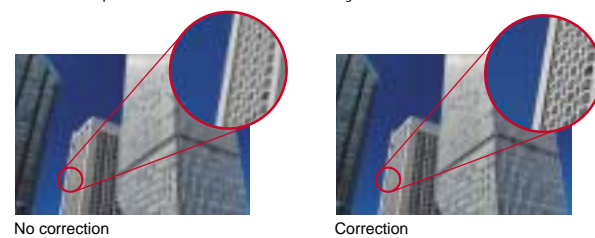
The Color Management System achieves precise control based on 3D management in the color difference plane and brightness directions. This finer level of control produces more expressive images.



Smooth Diagonal Lines and Sharp, Clear Images

Sub-Pixel Controller

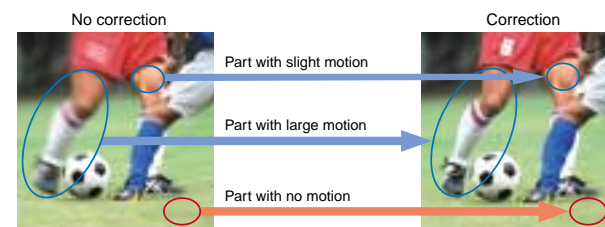
The Sub-Pixel Controller eliminates jagged or blurred diagonal lines and produces smoother edges. Unlike conventional systems in which the three RGB colors are processed together, this advanced system processes each color separately for crisper, more natural-looking images. Theoretically, this results in a 30% improvement in horizontal resolution compared with conventional systems.



Even Scenes with Lots of Motion are Clear

Motion Pattern Noise Reduction

The Motion Pattern Noise Reduction circuit detects motion patterns that tend to generate noise, and makes adjustments to maximize image quality. It helps produce clean, sharp images with outstanding gradation, even in scenes with considerable motion. The result is a noticeable improvement in moving picture quality.

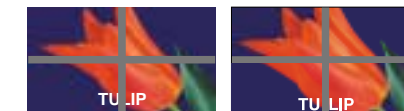
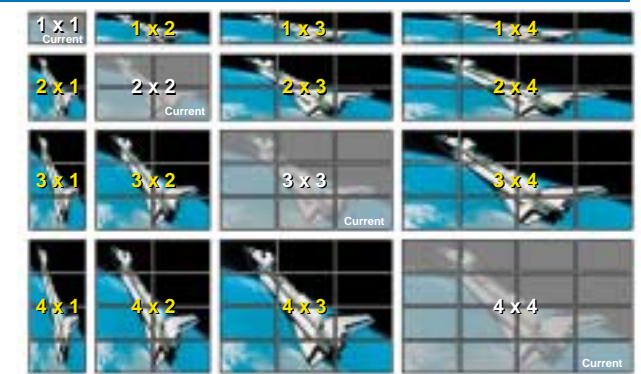


Panasonic plasma finely divides each scene into numerous parts, then detects the motion in each part and applies noise reduction where required.

Powerful Multi-Screen Display Systems

Advanced Image-Enlarging Function

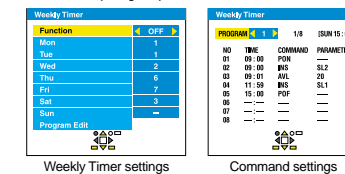
This built-in image-enlarging function makes it easier to set up multi-screen systems with as many as 16 displays (4x4 configuration). A new function lets you enlarge the image up to 4x vertically and horizontally independently, making it easy to set up a multi-screen system with up to four displays arranged either vertically or horizontally. For example, expand the image horizontally to 4x and leave it unchanged vertically, and you can create a system with four units side-by-side. Thanks to the ID control function, you can use the standard remote control unit to control multiple panels individually. PH series models feature a Power-On Delay function that's useful in multi-screen systems. This function automatically shifts the power-on time slightly for each display unit in the system, so there's less load on the power supply. There is also a mode that displays a full-screen image, including the edges (the width of the frame) of the display panel. This is especially suitable for displaying text information, since no words are hidden by the frame.



Note: Image-enlarging function does not work in Dual Picture mode. Images of SXGA resolution or higher from a PC or RGB source may not enlarge correctly. Some degradation occurs when images are enlarged. The ambient temperature varies depending on the installation location. Provide sufficient air conditioning for surrounding conditions.

Simple Scheduling Function (PH Series only)

This function makes it easy to automate display operation so there's no need to use an external scheduler. You can set a variety of operations — power on/off, image source selection, screen saver functions and more — to activate at specific times on specific days of the week.



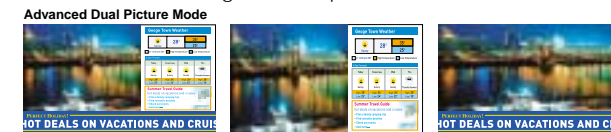
1:1 Pixel Mode (PF series only)

The 1:1 Pixel mode maps the 1920 x 1080 video content to 1080p HD panel pixels to display 100% of the original content. By skipping the scaling process, this mode is able to produce high-definition images in their original, 1:1 pixel form. When the 1:1 Pixel mode is switched off, the picture source is scaled for over-scanning and 97% of the original is displayed.

Note: 1920 x 1080 PC signals are always displayed in 1:1 mode.

Advanced Dual Picture Mode

Panasonic plasma displays feature the Advanced Dual Picture Mode in addition to the conventional Dual Picture Mode. This mode lets you overlay a video image onto a full-screen PC image. For example, you can superimpose text information from a PC over a video clip, giving you a more effective way to present information. When displaying two separate images, you can select the audio output from either source. Playing back the audio from the sub-source can be useful in teleconferencing, for example.



Note: Dual Picture Mode cannot handle the following combinations of two analog signals: Component - Component, Component - PC (RGB), PC (RGB) - Component, PC (RGB) - PC (RGB). The Advanced Dual Picture Mode may not work properly with some video signals.

4x Digital Zoom

This function lets you enlarge a portion of an image by up to four times normal size and display it on the full screen. Use this function to give your presentations greater impact.

Note: Digital Zoom does not work in Dual Picture mode. Images of SXGA resolution or higher from a PC or RGB source may not enlarge correctly. Some degradation occurs when images are enlarged.

Long Service Life of 60,000 Hours

The inner panel improvements give Panasonic plasma panels a long service life of approximately 60,000 hours* even with their increased brightness.

*The time until panel brightness is reduced to half its initial level, when displaying moving images at standard mode. Excludes afterimages and malfunctions.

Remote System Monitoring

In addition to the conventional display control command and power supply/input selection check command, Panasonic plasma displays feature a monitor command that lets you check the signal from a distant location. In conventional systems, you had to install a monitoring camera to check the images displayed on an advertising display panel or digital signage system. This monitor command, on the other hand, lets you monitor images by simply connecting a PC via a serial cable.

Vertical Mounting

Panasonic professional plasma displays can be positioned vertically to display portrait images, allowing them to serve as effective storefront signboards. There's no need to install an optional fan kit.

Note: When using the display vertically, set it so the power button is on top. The TH-50PF9UK or TH-37PH10UK cannot be positioned vertically.

Automatic Picture Positioning (PF series only)

This function automatically corrects the horizontal and vertical picture positions, clock phase, and dot clock when an analog RGB signal is input. The adjustment results in optimal standard values for the horizontal and vertical picture sizes.

Enhanced Screen Saver Functions

A variety of screen saver functions help lower the risk of uneven phosphor aging to the same level as CRT displays.

- **White Bar Scroll:** White bars move across the screen from left to right at regular intervals. Good for ordinary still-image displays.
- **Screen Reversal:** Displays images with the black and white reversed. Good for text displays.
- **Side Panel Adjustment:** Brightens the black bands on the sides of the screen when displaying images in the 4:3 format.
- **Wobbling:** Shifts the image's position by several pixels at fixed time intervals or according to the detected screen condition.
- **Peak Limit Mode:** Lowers the peak brightness level (image contrast).

Energy-Saving Functions

A broad range of environment-friendly functions help minimize energy consumption.

- **DPMS (Display Power Management Signaling):** Power is automatically turned on or off in response to a sync signal from the PC connected to the built-in PC input terminal.
- **Auto Power Off:** When you're using a device connected to the multi-function slots, the display panel goes into standby mode after about 10 minutes if no sync signal is received.
- **Power Save Mode:** Reduces the display's brightness.
- **Standby Power Save Mode:** Reduces power consumption when on standby. (Start-up may take a few moments once the display is in this mode.)

Sound Menu

The Sound Menu gives you a choice of three sound settings (Standard/Dynamic/Clear) to best match the kind of input source.

Note: The Sound Menu is not offered on the TH-103PF9UK.

Super Quiet Operation

Our "silence engineering" has dramatically suppressed the fan noise, to give you the kind of quiet operation that makes for a more pleasant viewing experience.

Industry's Best Expandability

FEATURES COMMON TO ALL MODELS

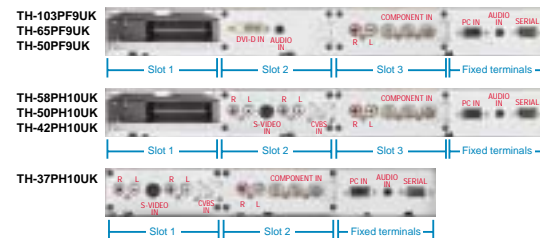
Multi-Function Slots

In addition to the fixed input interface, the Panasonic plasma display has three*1 interchangeable slots that let you add different combinations of optional terminal boards. This gives you the flexibility to add digital or analog capabilities, as necessary, and to customize your system for specific needs.

*1: 37-inch model comes with two interchangeable slots and fixed terminals.

Standard-Equipped Terminals

You can mount optional terminal board in a vacant slot. Or, you can remove the standard terminal boards and mount optional boards.



Optional Terminal Boards

RGB Active Through Terminal Board (mounts in slots 1 & 2)

TY-42TM6G



- Sends the signal that's input via the PC IN terminal to a second display connected to the PC OUT terminal. This connectability adds convenience when configuring a multi-screen system.

The characters in red are added for explanation.

BNC Dual Video Terminal Board (mounts in slot 1 or 2)

TY-FB9BD



Composite/Component Video Terminal Board (mounts in slots 1 & 2, or slots 2 & 3)

TY-42TM6Y



Ir Through Terminal Board (mounts in any slot)

TY-FB9RT



Note: Only one terminal board can be used per display. Also, it can be used to control only Panasonic AV equipments.

SDI/HD-SDI Terminal Board (mounts in slot 1 or 2)

SDI Terminal Board TY-FB7SD

HD-SDI Terminal Board TY-FB9HD



- Supports the serial digital interface (SDI) used in broadcasting.
- Provides fully digital transmission for clear, clean image displays.
- The TY-FB9HD supports HDTV.

Specifications	TY-FB7SD	TY-FB9HD
Standards compliance	SMPTE259M-C	SMPTE292M, SMPTE259M-C
Compatible video format	525/59.94i, 625/50i	525/59.94i, 625/50i, 750/60p, 59.94p, 750/50p, 1125/30p, 1125/24p, 1125/25p, 1125/60i, 59.94i, 1125/50i, 1125/24sf, 23.98sf

Wireless Presentation Board (mounts in slots 1 & 2, or slots 2 & 3)

TY-FB10WPU

* Applicable models: PH10 Series



- Wireless connection (IEEE 802.11b/11g) eliminates the need to connect any cables between the display and a PC.
- High-speed wireless transmission produces smooth motion images.
- Images from one PC can be displayed in real-time on as many as eight displays.
- Images from up to 16 PCs can be simultaneously displayed onto a single screen.
- Plasma displays can be controlled using a Web browser.
- Also accepts component video and audio inputs.

Optional AV Terminal Box

TY-TB10AV



- Ideal for hotel guest rooms. Two input terminals (VIDEO/RGB) allow guests to easily connect and use their own notebook PC, portable DVD player, or other device.
- The TY-TB10AV can also be built into a desk or a bed sideboard.

Peripherals

Note: Specifications of peripherals on this page are subject to change without notice.

Twisted-Pair-Cable Transmission System Products

Twisted-Pair-Cable Receiver Board

KE0101CR-BW (Mounts in any slot*)



*Should be mounted in slot 1 to send the display control signal. Display control signal transmission is one-way.

- Makes it possible, using a single CAT5e cable, to simultaneously send video signal (RGB, component, or composite), audio signal and the display control signal.
- To send a composite video signal, the Composite Video Terminal Board (TY-FB9BD, 42TM6Y, 42TM6B or 42TM6V) must be mounted in the slot of the Plasma.
- This reduces both costs and setup time compared with a conventional BNC cable connection.
- XGA signals (1024 x 768 pixels) can be sent up to 500 ft.

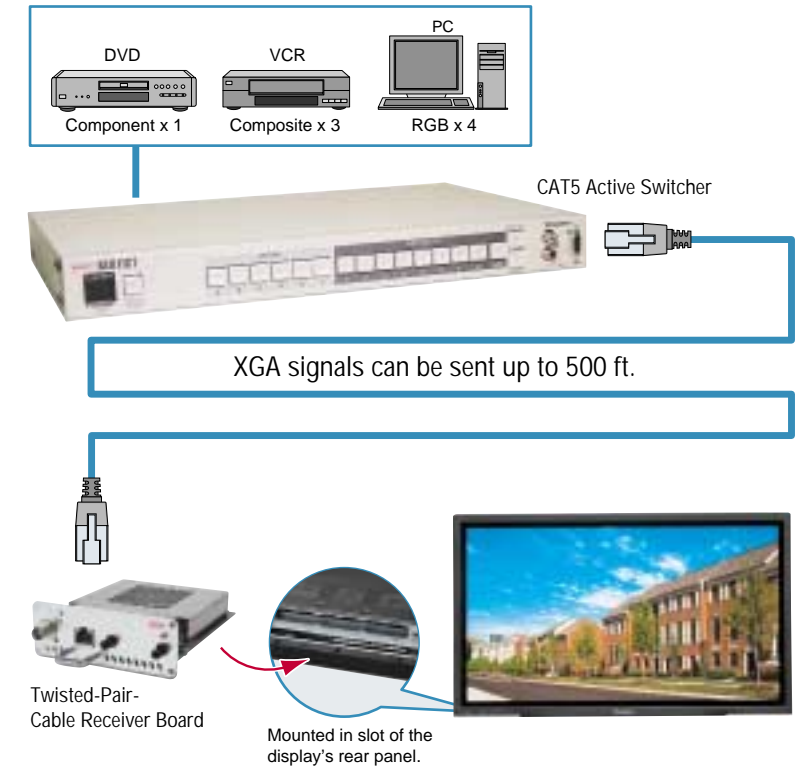
For the latest information on the Twisted-Pair-Cable Receiver Board, please visit the following website:
<http://www.kowa.co.jp/i-master/cat5-eng>

Twisted-Pair-Cable Transmitter/Active Switcher

KE811CT



- Makes it possible to simultaneously transmit video, audio and control signals over a single CAT5e cable to external equipment.
- Allows plasma display control (Power On/Off, Video Switching, Mute, Volume Up/Down, etc.) via RS-232C.
- Enables combined use with the KE0108CH-DW Distributor.



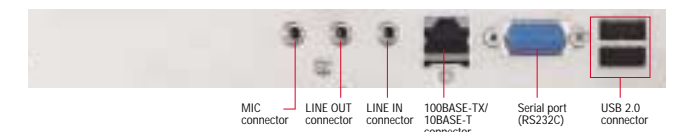
PDP Controller (for 103", 65", 58", 50" and 42" models)

PLUG-VC251 series (Mounts in slots 1, 2 & 3)



- Plug-in PC to facilitate turnkey solutions.
- Clear images made possible by digital connection using the function slot of the plasma display.
- Customized to maximize the performance of Panasonic plasma displays.
- Realistic display images achieved by a 1:1 pixel correspondence with Panasonic plasma displays.
- Can also be used in vertical display applications.
- Models with a pre-installed, digital signage system are also available.
- Easy to install, it requires only a network and power connection.

Terminals



Specifications

Applicable displays	Panasonic 103", 65", 58", 50" & 42" Plasma Displays
CPU	Celeron M 373 (1GHz)
Main storage memory	Standard 256MB DDR SO-DIMM
Internal HDD	2.5" HDD 40GB x 1
Network	100BASE-TX/10BASE-T x 1, Wake On LAN supported
Interfaces	Serial x 2**1, USB 2.0/1.1 x 2**2, Line In x 1, Line Out x 1, MIC x 1
Dimensions (W x H x D)	12.4" x 1.6" x 8.3" (315 x 40 x 211 mm) (including cooling fan)
Weight	2.6 lbs. (1.2 kg)
Power supply	Supplied from the plasma display
Power consumption	20 W max.
Standard	FCC Class A

*1: One serial interface is connected internally.
*2: USB 1 is for HID (human interface devices) only. Maximum power supply for the two ports is 3.5 W.

Multi-Presentation System

Using the Wireless Presentation Board

Mounting the Wireless Presentation Board to a conference display unit allows wireless connection of up to eight displays and four PCs. This is enough to show images in every area of a conference hall. It also eliminates the bothersome task of removing and reconnecting cables when using multiple PCs. A variety of display methods can be used, opening up new possibilities for conferences as well as lectures or seminars in schools and other learning or training situations.

- **No More Complicated Wiring**

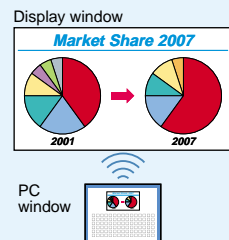
Simply install Wireless Manager ME 4.0 and make the network settings to set up your wireless network. There is no need for bothersome wiring. You can also connect up to four PCs to multiple displays for effective, interactive use by groups or for presentations.

- **High-Speed Wireless Transmission**

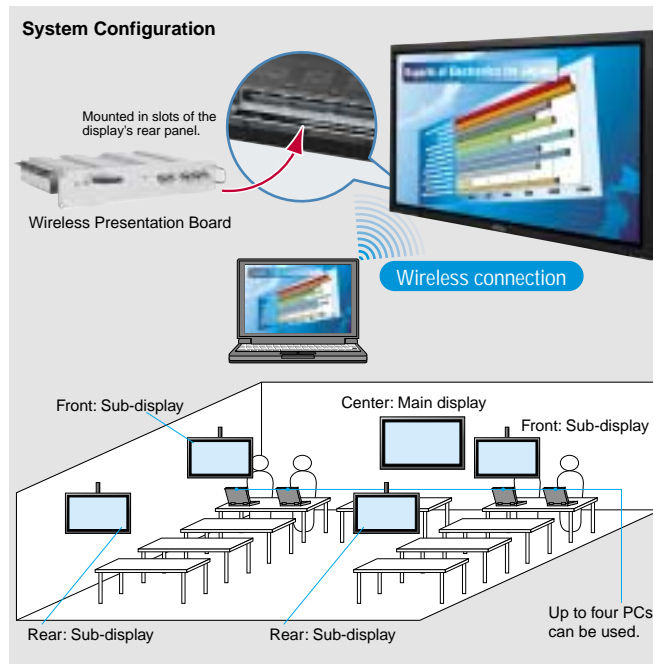
High-speed wireless transmission provides smooth display of video clips, animation, and other types of large-volume data. Audio tracks are sent simultaneously, enabling dynamic presentations with active images and sounds. * Sound is produced only when using a single, full-screen display of a single PC image.

- **Versatile Display Methods for Impressive Presentations**

The Secondary Display Transmission (wireless prompter) function lets you show presentation content on the display and a copy of your speaking notes on a PC.



You can use the Area-Specific Transmission function to display any part of the PC window that you want, or to enlarge and display certain parts for emphasis.



HD-SDI System for Broadcast Use

Using the HD-SDI Terminal Board

The 1080p HD plasma model adapts easily to systems that use HD-SDI, the digital interfaces used in broadcasting and video production. Simply plug the HD-SDI terminal board into the function slot, and you get crisp, clear HD images for the studio or control room.

- **Suitable as an HD Master Monitor**

With outstanding reproducibility across the entire HDTV-standard (ITU-R, BT709) color range, Panasonic 1080p HD panels deliver faithful, natural-looking colors from HD sources. And because they provide full-digital signal processing from input to display, these models are suitable for use as HD master monitors.

- **Adapts Easily to HD-SDI Systems**

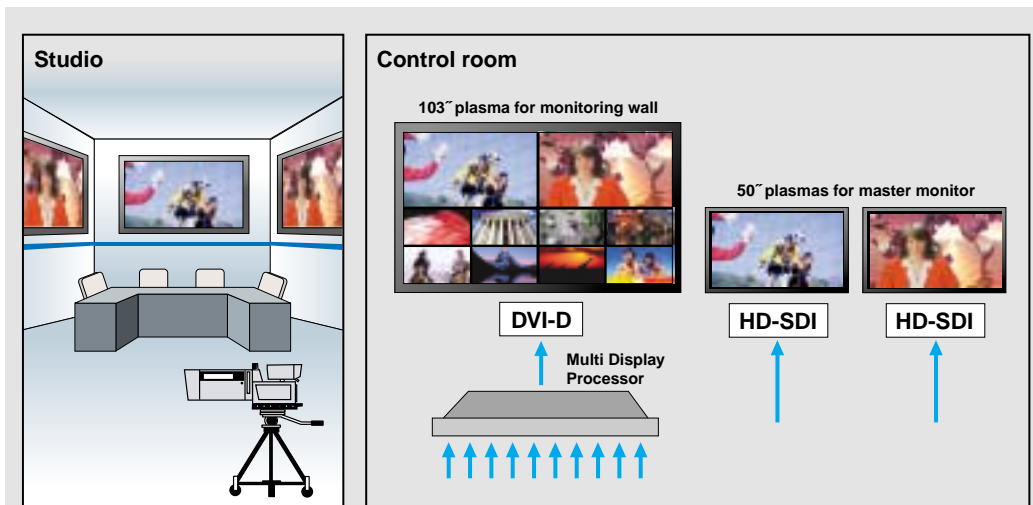
The TY-FB9HD HD-SDI terminal board supports 10-bit input signals, for greater color reproduction precision and richer gradation.

- **Monitor Multiple Sources on a Single 103-inch Screen**

Connect the 103-inch model to a multi-display processor by using the DVI-D Terminal Board, and the screen can be divided into sub-screens for monitoring multiple sources. This gives you an efficient way to view different images at once.

- **Ideal as a Studio Monitor**

The 103-inch model makes an ideal display monitor in a large studio. The large screen and wide viewing angle provide big, clear, easy-to-see images for performers and production crew.



Display Systems for Large Lecture Halls

Using Twisted-Pair-Cable Receiver and Twisted-Pair-Cable Transmitter/Active Switcher

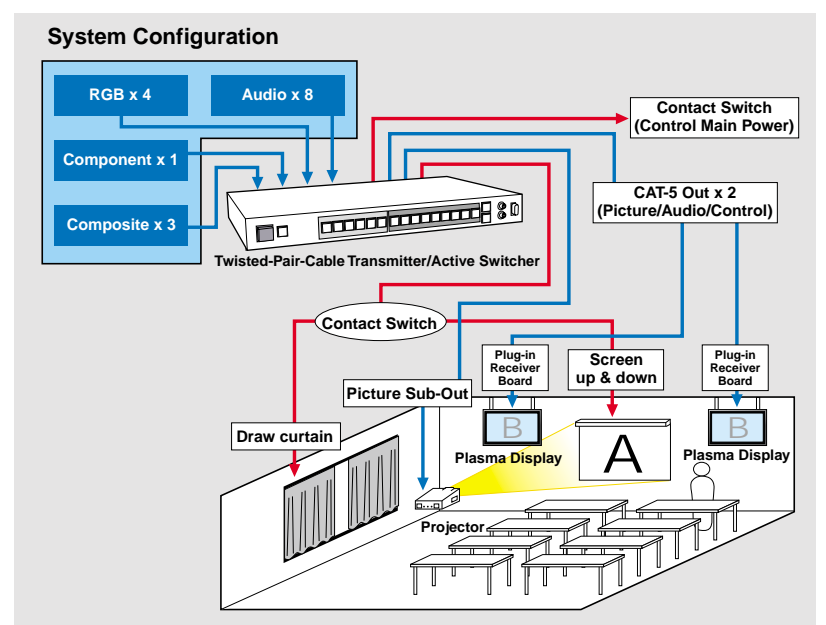
Via CAT5e cable, send the display control signal and video/audio signals from a Twisted-Pair-Cable Transmitter/Active Switcher with 8 input and 2 output terminals, and you can display high-resolution video content at a distant location. This kind of system can be used in large lecture halls, public spaces and medium-size stores.

- **Long-Distance Transmission of High-Quality Video Signals**

High-resolution XGA images, sound and RS232C control signal are transmitted approximately 500-ft over a single cable. Plasma control signals can also be sent over the same cable to allow remote operation of power ON/OFF and other functions.

- **Higher Signal Quality, Lower Costs, and Easier Installation**

Thin, lightweight CAT5e twisted-pair cables do a better job of preventing signal degradation than coaxial cables. They also reduce costs and shorten the time needed for installation.



Simple Multi-Screen System

Using the RGB Active Through Terminal Board

You can easily configure a multi-screen system by using the RGB Active Through Terminal Board with the display's advanced image-enlarging function. This lets you disseminate information in a timely manner by updating the content over a network. You can also connect to a Blu Ray player for 1080p playback. This system is ideal for places where many people gather, such as business complexes and event venues.

- **Image Displays with Eye-Catching Impact**

The advanced image-enlarging function, with its variable horizontal and vertical display capability, creates displays that are effective on stages, near entranceways, and virtually anywhere.

- **Simple System Configuration**

Multi-screen systems generally require matrix switchers, image enlargers and other equipment, together with complicated wiring. With the RGB Active Through Terminal, you simply connect each display with a cable to build a large-screen multi-display system. Combined with the light weight of the displays, this makes it super easy to configure a highly effective system.

- **Remote Control Over a Network**

Because the content can be updated by using an existing network, the information being displayed can be quickly and easily updated*. Monitoring commands also let you check the display status from a remote location.

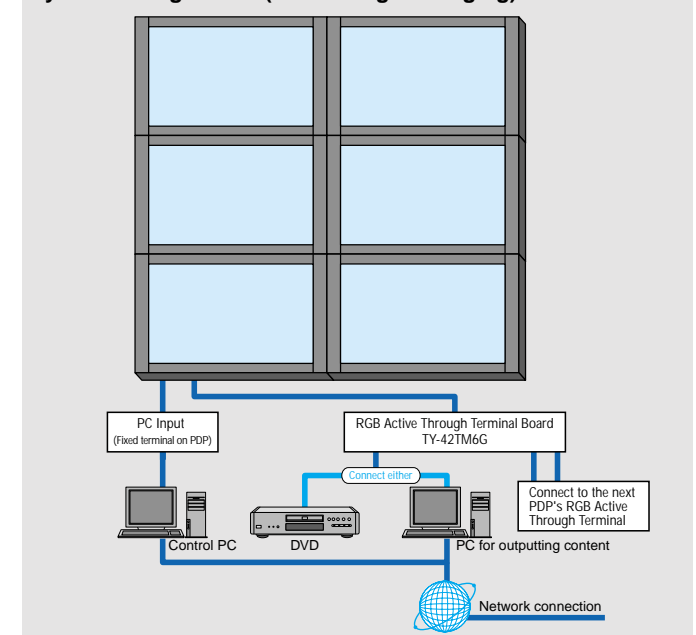
*1: You will need to procure control software.



Total Display Control with a Single Remote

The remote control that comes with the display is equipped with a "Display ID Control" function that allows you to control up to nine displays with the one remote.

System configuration (N x M image-enlarging)



Un Endless Array of Applications

DIGITAL SIGNAGE



Joe's Best Burger, Queens, New York, USA



Grand Century, Hong Kong, China



Shopping Mall, Budapest, Hungary



Rams Head® Live!, Baltimore, USA

TV PRODUCTION



103 plasma in CBS's "Early Show" studio, New York, USA



ČESKÁ TELEVIZE's studio, Czech

AMUSEMENT



Dolphin Stadium, Miami, USA



Planet Hollywood Resort, Las Vegas, USA

PASSENGER INFORMATION



Kansai International Airport, Osaka, Japan



Minatomirai Station, Yokohama, Japan

CONTROL ROOM



Vatican Museum

TRADE SHOW



Volvo booth at Automobile exhibition, Sweden

1080p HD Models



1080p

TH-103PF9UK
103-inch (260 cm) diagonal
1080p High Definition Plasma Display

TH-65PF9UK
65-inch (165 cm) diagonal
1080p High Definition Plasma Display

TH-50PF9UK
50-inch (127 cm) diagonal
1080p High Definition Plasma Display

HD Models



TH-58PH10UK
58-inch (148 cm) diagonal
High Definition Plasma Display

TH-50PH10UK
50-inch (127 cm) diagonal
High Definition Plasma Display

TH-42PH10UK
42-inch (106 cm) diagonal
High Definition Plasma Display

TH-37PH10UK
37-inch (94 cm) diagonal
High Definition Plasma Display

Specifications

	TH-103PF9UK	TH-65PF9UK	TH-50PF9UK
DISPLAY			
Screen Size (Diagonal)	102.5-inch	64.8-inch	50.0-inch
Aspect Ratio	16:9	16:9	16:9
Effective Display Area (W x H)	89.3" x 50.3" (2,269 x 1,277 mm)	56.5" x 31.8" (1,434 x 807 mm)	43.5" x 24.5" (1,106 x 622 mm)
Resolution (H x V)	1,920 x 1,080 pixels	1,920 x 1,080 pixels	1,920 x 1,080 pixels
Pixel Pitch (H x V)	1.182 x 1.182 mm	0.747 x 0.747 mm	0.576 x 0.576 mm
Contrast Ratio	Max. 5,000:1		
Gradation	4,096 steps (equivalent)		
SIGNAL COMPATIBILITY			
Scan Rate	Horizontal frequency: 15 — 110 kHz; Vertical frequency: 48 — 120 Hz		
PC Signal Compatibility	VGA, SVGA, WVGA, WSVGA, XGA, SXGA, XGA*, SXGA*, WXGA UXGA, WUXGA... (Compressed)		
Supported Video Standards	NTSC, PAL, PAL 60, SECAM, Modified NTSC		
Video Signal Compatibility	525 (480)/60i, 60p; 625 (575)/50i, 50p; 750 (720)/60p, 50p; 1125 (1080)/60i, 50i, 24p, 24sF, 25p, 30p, 60p, 50p; 1250 (1080)/50i		
INPUT/OUTPUT			
Fixed Terminals			
PC IN	Mini D-sub 15pin x 1; Analog RGB/Component; Plug & Play (VESA DDC 2B)		
AUDIO IN	M3 jack x 1		
SERIAL	D-sub 9-pin x 1, External control, RS-232C compatible		
Interchangeable Terminals			
Slot1	Vacant	Vacant	Vacant
Slot2	DVI-D In (DVI 24-pin x 1), Audio In (M3 jack x 1; L/R: 0.5 Vrms)		
Slot3	Component In (BNC x 3, Analog RGB/Component), Audio In (L/R) (RCA pin jack x 2)		
ELECTRICAL			
Power Requirements	240 V AC, 50 Hz/60 Hz	120 V AC, 50 Hz/60 Hz	120 V AC, 50 Hz/60 Hz
Power Consumption	1550 W	790 W	650 W
Power off condition	0.5 W	0.1 W	0.1 W
Stand-by condition	Save Off: 1.5 W, Save On: 1.3 W	Save Off: 1.0 W, Save On: 0.8 W	Save Off: 1.0 W, Save On: 0.8 W
SOUND			
Audio Output	Line Out (L/R) 20 W [10 W + 10 W] (10% THD)		
MECHANICAL			
Dimensions (W x H x D ¹)	95.0" x 55.9" x 5.1" (2,414 x 1,421 x 129 mm)	61.2" x 36.4" x 3.9" (1,554 x 925 x 99 mm)	47.6" x 28.5" x 3.7" (1,210 x 724 x 95 mm)
Weight (approx.)	485.0 lbs. (220.0 kg)	163.1 lbs. (74.0 kg)	93.0 lbs. (42.0 kg)
OPERATING ENVIRONMENT			
Temperature	32°F — 104°F (0°C — 40°C)		
Humidity	20% — 80% (Non condensation)		
Altitude	0 — 9,100 feet (0 — 2,800 m)		
EMI REGULATIONS			
FCC Part 15 Class-B, ICES-003			
SAFETY STANDARDS			
UL6500 Ver. 2			

*1: Exclusive of protruding portion

	TH-58PH10UK	TH-50PH10UK	TH-42PH10UK	TH-37PH10UK
DISPLAY				
Screen Size (Diagonal)	58.0-inch	50.0-inch	41.6-inch	36.9-inch
Aspect Ratio	16:9	16:9	16:9	16:9
Effective Display Area (W x H)	50.7" x 28.5" (1,287 x 723 mm)	43.5" x 24.5" (1,106 x 622 mm)	36.3" x 20.4" (922 x 518 mm)	32.2" x 18.0" (819 x 457 mm)
Resolution (H x V)	1,366 x 768 pixels	1,366 x 768 pixels	1,024 x 768 pixels	1,024 x 720 pixels
Pixel Pitch (H x V)	0.942 x 0.942 mm	0.810 x 0.810 mm	0.900 x 0.675 mm	0.800 x 0.635 mm
Contrast Ratio	Max. 10,000:1			
Gradation	3,072 steps (equivalent)			
SIGNAL COMPATIBILITY				
Scan Rate	Horizontal frequency: 15 — 110 kHz; Vertical frequency: 48 — 120 Hz			
PC Signal Compatibility	VGA, SVGA, XGA SXGA, UXGA... (Compressed)	VGA, SVGA, XGA SXGA, UXGA... (Compressed)	VGA, SVGA, XGA SXGA, UXGA... (Compressed)	VGA, SVGA XGA, SXGA, UXGA... (Compressed)
Supported Video Standards	NTSC, PAL, PAL 60, SECAM, Modified NTSC			
Video Signal Compatibility	525 (480)/60i, 60p; 625 (575)/50i, 50p; 750 (720)/60p, 50p; 1125 (1080)/60i, 50i, 24p, 24sF, 25p, 30p... 1250 (1080)/50i			
INPUT/OUTPUT				
Fixed Terminals				
PC IN	Mini D-sub 15pin x 1; Analog RGB/Component; Plug & Play (VESA DDC 2B)			
AUDIO IN	M3 jack x 1			
SERIAL	D-sub 9-pin x 1, External control, RS-232C compatible			
Interchangeable Terminals				
Slot1	Vacant	Vacant	Vacant	CVBS In (BNC x 1, Composite), Audio In (L/R) (RCA pin jack x 2); S-Video In (S-Video x 1), Audio In (L/R) (RCA pin jack x 2)
Slot2	CVBS In (BNC x 1, Composite), Audio In (L/R) (RCA pin jack x 2); S-Video In (S-Video x 1), Audio In (L/R) (RCA pin jack x 2)			Component In (BNC x 3, Analog RGB/Component), Audio In (L/R) (RCA pin jack x 2)
Slot3	Component In (BNC x 3, Analog RGB/Component), Audio In (L/R) (RCA pin jack x 2)			—
ELECTRICAL				
Power Requirements	120 V AC, 50 Hz/60 Hz	120 V AC, 50 Hz/60 Hz	120 V AC, 50 Hz/60 Hz	120 V AC, 50 Hz/60 Hz
Power Consumption	660 W	505 W	380 W	340 W
Power off condition	0.1 W	0.1 W	0.2 W	0.2 W
Stand-by condition	Save Off: 0.6 W, Save On: 0.4 W	Save Off: 0.6 W, Save On: 0.4 W	Save Off: 0.7 W, Save On: 0.5 W	Save Off: 0.7 W, Save On: 0.5 W
SOUND				
Audio Output	16 W [8 W + 8 W] (10% THD)			
MECHANICAL				
Dimensions (W x H x D ¹)	55.1" x 33.2" x 3.9" (1,399 x 843 x 99 mm)	47.6" x 28.5" x 3.7" (1,210 x 724 x 95 mm)	40.2" x 24.0" x 3.5" (1,020 x 610 x 89 mm)	36.2" x 21.7" x 3.5" (920 x 550 x 89 mm)
Weight (approx.)	119.0 lbs. (54.0 kg)	79.4 lbs. (36.0 kg)	57.3 lbs. (26.0 kg)	48.5 lbs. (22.0 kg)
OPERATING ENVIRONMENT				
Temperature	32°F — 104°F (0°C — 40°C)			
Humidity	20% — 80% (Non condensation)			
Altitude	0 — 9,100 feet (0 — 2,800 m)			
EMI REGULATIONS				
FCC Part 15 Class-B, ICES-003				
SAFETY STANDARDS				
UL6500 Ver. 2				

*1: Exclusive of protruding portion

Hospitality
Plasma Models
Also Available

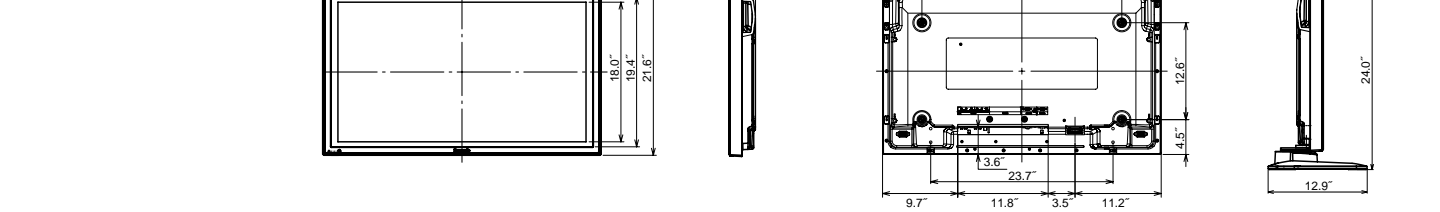
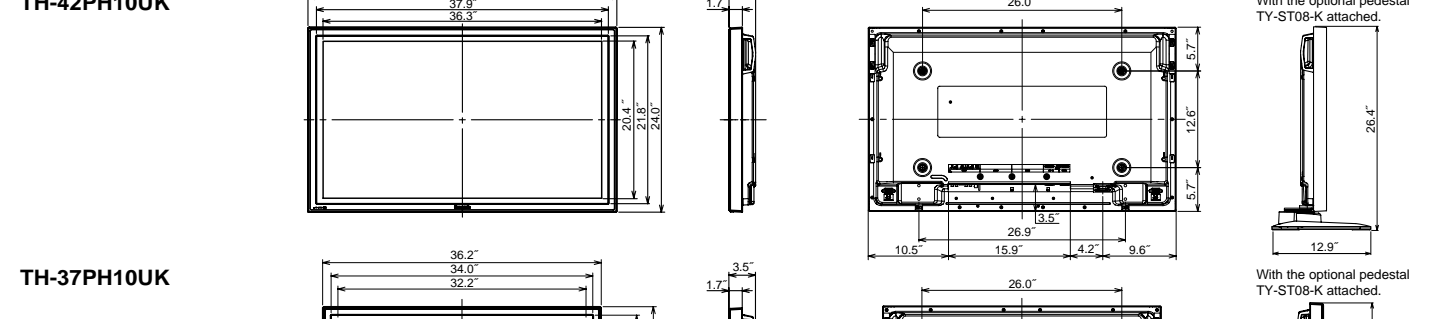
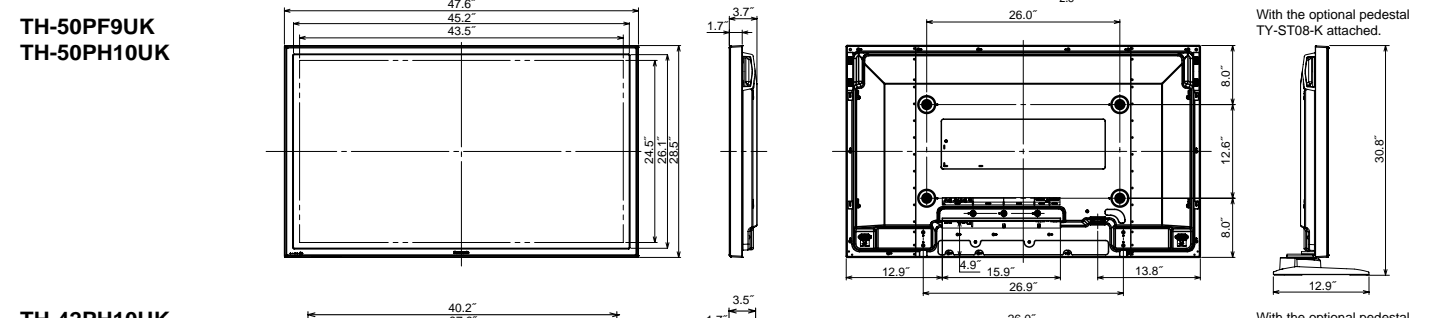
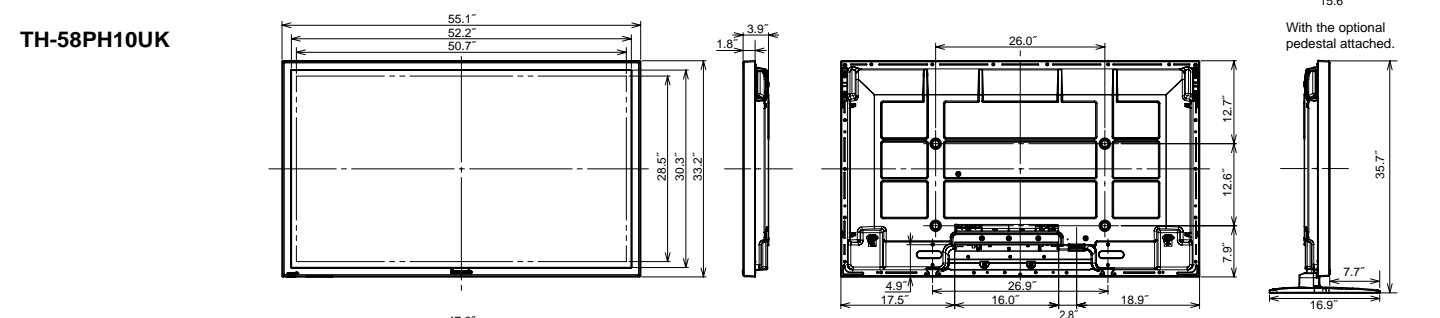
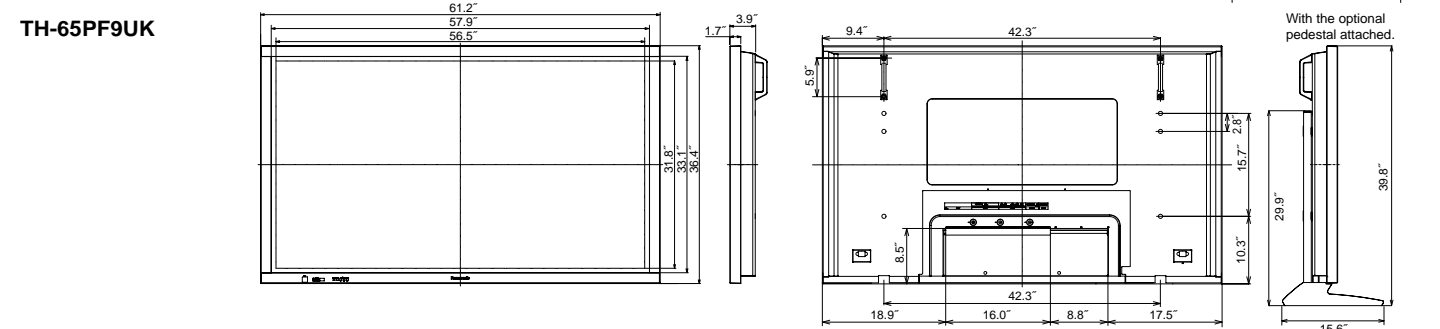
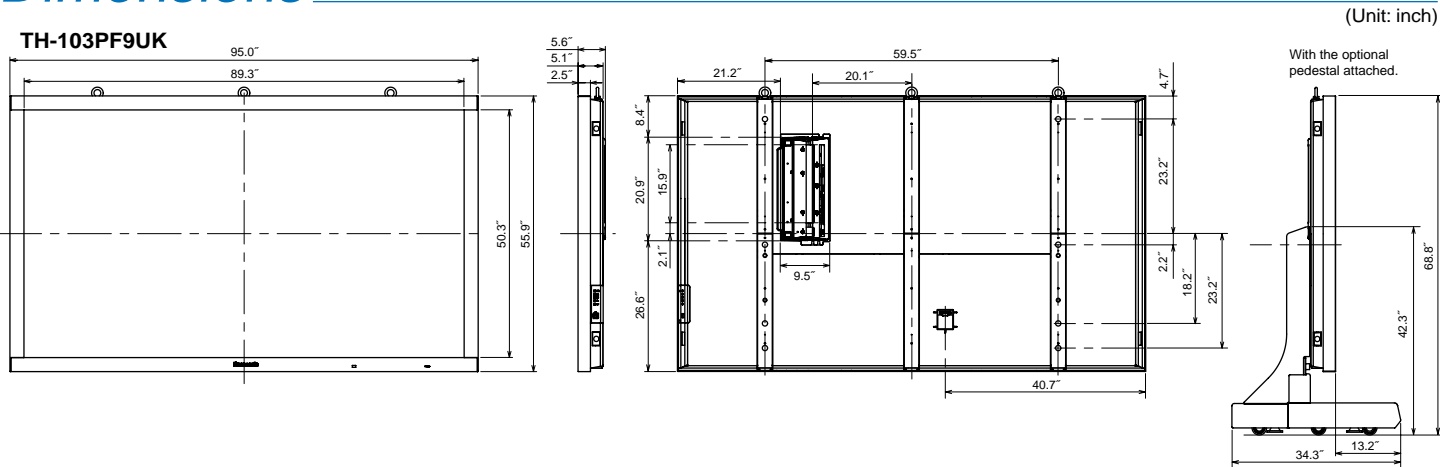


TH-42PR10U
42-inch HD model



TH-37PR10U
37-inch HD model

Dimensions



Options

Touch Panel



- TY-TP65P8-S** (for TH-65PF9UK)
- TY-TP50P8-S** (for TH-50PF9UK/50PH10UK)
- TY-TP42P8-S** (for TH-42PH10UK)

This add-on touch panel lets you write directly onto the screen with a light touch. Ideal for adding written comments during a presentation or meeting.

- Highly reliable optical sensor system
- Outstanding resolution, easy operation
- Thin design makes a precise fit with display screen
- Lets you use display as a "whiteboard"

Note: The touch panel does not include a drawing application.

* The photo above shows the TY-TP65P8-S and may differ slightly from the actual final product appearance of TY-TP50P8-S and TY-TP42P8-S.



	TY-TP65P8-S	TY-TP50P8-S	TY-TP42P8-S
Applicable display devices	Panasonic 65" plasma display	Panasonic 50" plasma display	Panasonic 42" plasma display
Detection system	Infrared ray interruption		
Panel aperture (W x H)	57.3" x 32.0" (1455 x 812 mm)	44.4" x 25.4" (1129 x 645 mm)	37.2" x 20.9" (945 x 531 mm)
Detection range (W x H)	56.7" x 32.0" (1440 x 812 mm)	43.5" x 24.4" (1104 x 620 mm)	36.2" x 20.2" (920 x 513 mm)
Effective detection range	Above detection range + 0.04" (1.0 mm) top, bottom, right, and left		
Operating modes	Input point, Continuous, End point detection ^{*1}		
Resolution	2881 (H) x 1625 (V) ^{*1}	2209 (H) x 1241 (V) ^{*1}	1841 (H) x 1033 (V) ^{*1}
Detection pitch	0.08" x 0.08" (2.0 x 2.0 mm)		
Output system	Coordinate output		
Optical elements	361 (H) x 204 (V)	277 (H) x 156 (V)	231 (H) x 130 (V)
Optical element pitch	0.16" x 0.16" (4.0 x 4.0 mm)		
Minimum stylus	0.24" x 0.24" (6.0 x 6.0 mm)		
Scan speed	First touch: 45 msec/frame max. Moving: 10 msec/frame max.	First touch: 30 msec/frame max. Moving: 8 msec/frame max.	
Interface	USB1.1 compliant: Signal: +DATA, -DATA, VCC, GND; I/F connector: TYPE B		
Panel shape	Flat panel		
Dimensions (W x H x D) ^{*2}	62.9" x 37.4" x 2.8" (1598 x 951 x 72 mm)	49.5" x 30.4" x 2.7" (1257 x 773 x 69 mm)	42.2" x 25.9" x 2.7" (1073 x 659 x 69 mm)
Weight (Except bracket)	11.0 lbs. (5.0 kg)	12.8 lbs. (5.8 kg)	11.0 lbs. (5.0 kg)
Escutcheon (frame)	Aluminum, ABS rosin		
Power supply (voltage)	DC + 5 V ±10% (Supplied from USB bus power)		
Electric current	DC + 5 V max. 400 mA		

*1: When using the specific driver software.

*2: Except bracket, inclusive of protruding portion.

Anti-Glare Filter

- TY-AR65P9W** (for TH-65PF9UK)
- TY-AR58P10W** (for TH-58PH10UK)
- TY-AR50P9W** (for TH-50PF9UK/50PH10UK)
- TY-AR42P9W** (for TH-42PH10UK)

Note: You cannot mount both a Touch Panel and an Anti-Glare Filter at the same time.

Detachable Stereo Speakers



TY-SP65P7W-K (for TH-65PF9UK)
Configuration: 2-way, 3-speaker
Dimensions (W x H x D): 3.9" x 36.4" x 3.5" (100 x 925 x 90 mm)
Weight: 4.9 lbs. (2.2 kg)/each

TY-SP58P10WK (for TH-58PH10UK)
Configuration: 2-way, 3-speaker
Dimensions (W x H x D): 4.2" x 33.2" x 3.5" (107 x 843 x 88 mm)
Weight: 5.5 lbs. (2.5 kg)/each

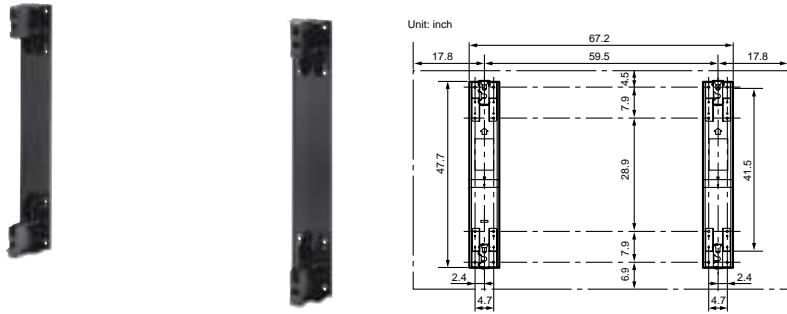
TY-SP50P8W-K (for TH-50PF9UK/50PH10UK)
Configuration: 2-way, 3-speaker
Dimensions (W x H x D): 4.2" x 28.5" x 3.5" (107 x 724 x 88 mm)
Weight: 4.4 lbs. (2.0 kg)/each

TY-SP42P8W-K (for TH-42PH10UK)
Configuration: 2-way, 3-speaker
Dimensions (W x H x D): 4.2" x 24.0" x 3.5" (107 x 610 x 88 mm)
Weight: 4.4 lbs. (2.0 kg)/each

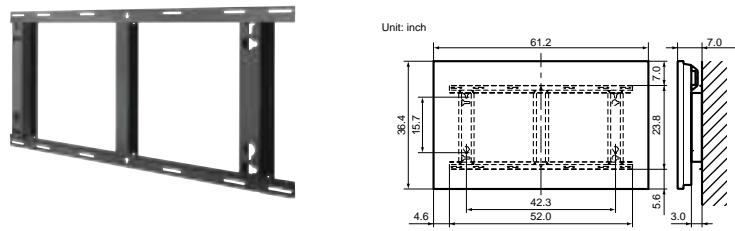
TY-SP37P8W-K (for TH-37PH10UK)
Configuration: 2-way, 3-speaker
Dimensions (W x H x D): 4.2" x 21.7" x 3.5" (107 x 550 x 88 mm)
Weight: 4.4 lbs. (2.0 kg)/each

Wall-hanging bracket

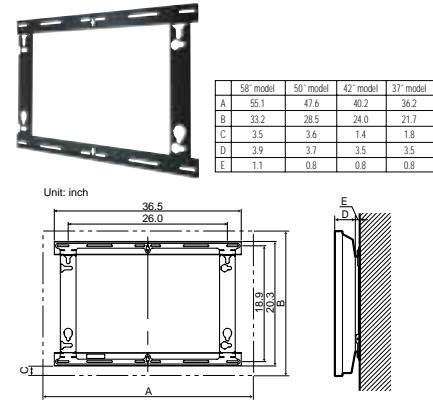
TY-WK103PV9



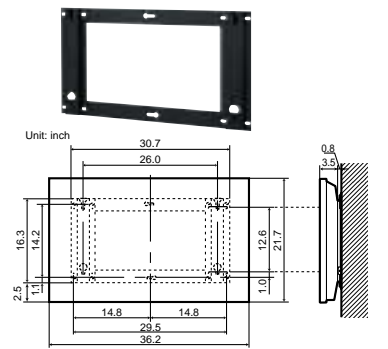
TY-WK65PV7



TY-WK42PV7

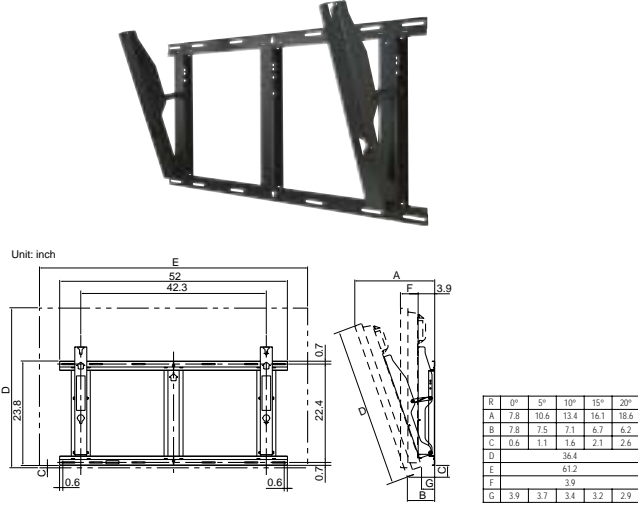


TY-WK37PV3

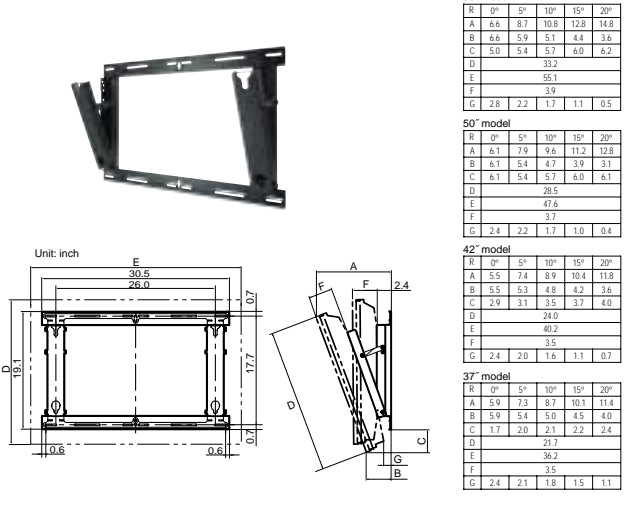


Wall-hanging bracket(angled)

TY-WK65PR8

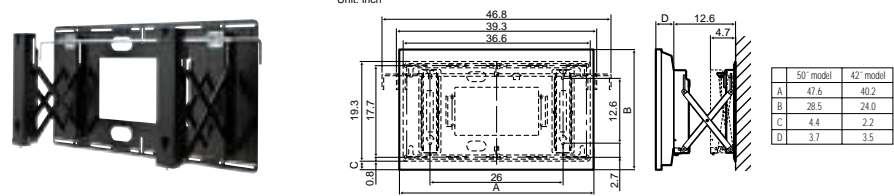


TY-WK42PR7



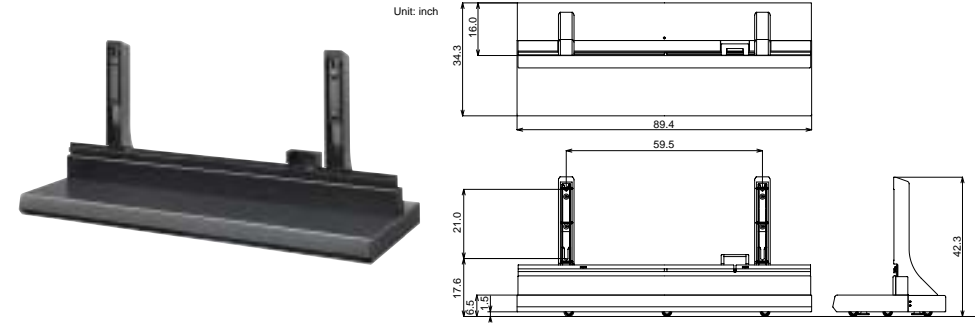
Wall-hanging bracket (drawer type)

TY-WK42DR1

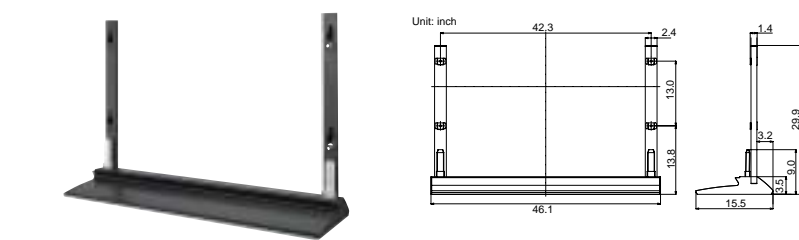


Pedestal

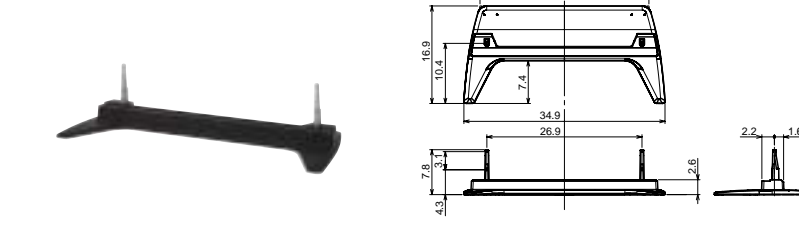
TY-ST103PF9



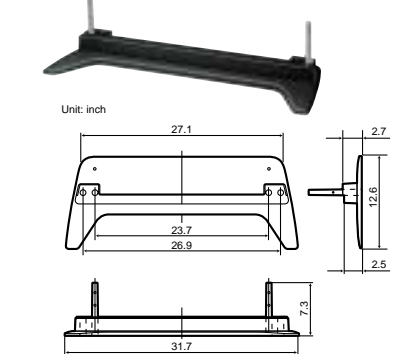
TY-ST65-K



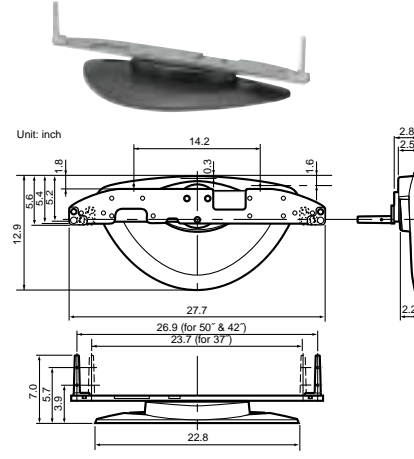
TY-ST58-K



TY-ST07-K

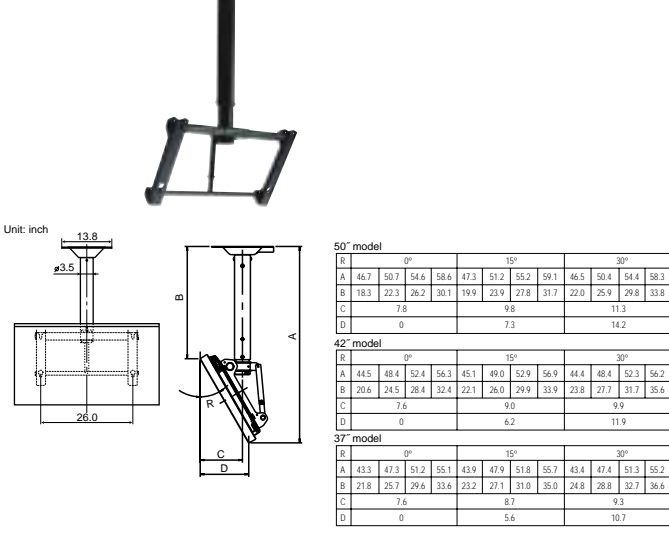


TY-ST08-K



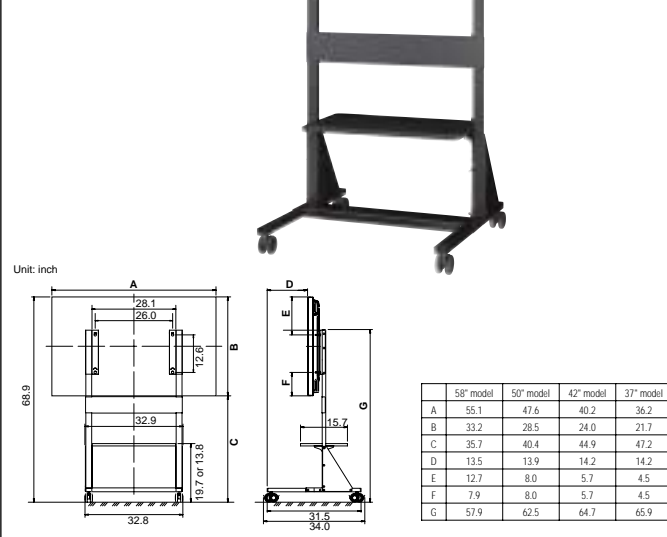
Ceiling-hanging bracket

TY-CE42PS7



Mobile stand

TY-ST58PF10



Compatible Models at a Glance

	TY-ST103PF9	TY-ST65-K	TY-ST58-K	TY-ST07-K	TY-ST08-K	TY-WK103PV9	TY-WK65PV7	TY-WK42PV7	TY-WK37PV3	TY-WK65PR8	TY-WK42PR7	TY-WK42DR1	TY-ST58PF10	TY-CE42PS7
TH-103PF9UK	●	—	—	—	—	—	—	—	—	—	—	—	—	—
TH-65PF9UK	—	●	—	—	—	—	—	—	—	—	—	—	—	—
TH-58PH10UK	—	—	●	—	—	—	—	—	—	—	—	—	—	—
TH-50PF9UK/50PH10UK	—	—	—	●	—	—	—	—	—	—	—	—	—	—
TH-42PH10UK	—	—	—	—	●	—	—	—	—	—	—	—	—	—
TH-37PH10UK	—	—	—	—	—	—	—	—	●	—	—	—	—	—

●: Compatible; —: Not compatible