

TH-42PW6EX/BX 42-inch (106 cm) Wide Plasma Display

**Superior Picture Quality,
Advanced Functions and
Improved Expandability**



Main Features

1

1,024-Shades & 4000:1 Contrast Ratio

Superior Image Presence

2

Multi-Function Slots

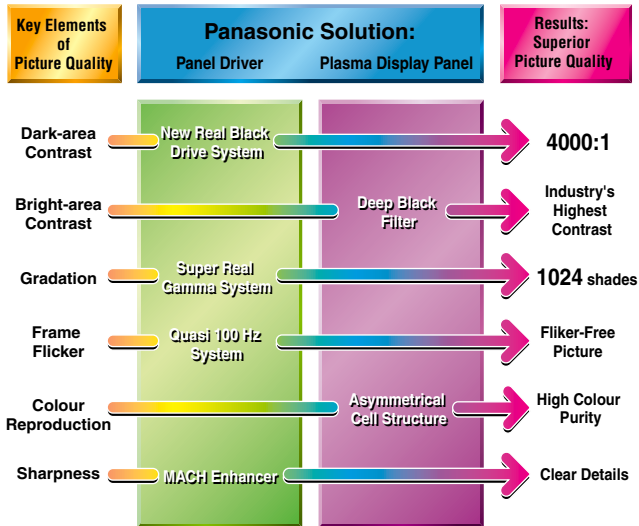
Versatile Expandability

3

Flicker-less Picture

Total Picture Quality

Panasonic plasma display delivers brilliant, high-contrast images with rich gradation and remarkable depth. Behind this total picture quality is the powerful synergetic effect between the plasma display panel and a panel driver that is optimally suited to display devices.



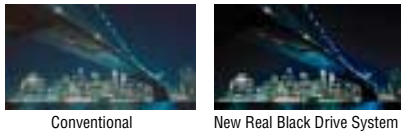
Super Real Gamma System

The Super Real Gamma System provides the optimal number of sub-fields for each scene. This allows Panasonic plasma display to reproduce 1,024* shades of gradation for superior detail in dark scenes.

* In Normal/Cinema mode.

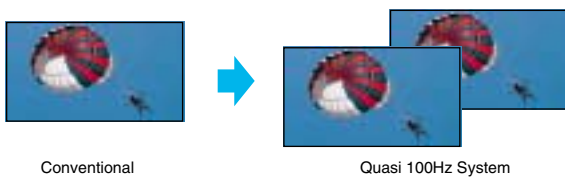
New Real Black Drive System

By reducing the pre-discharge emission when reproducing black, the New Real Black Drive System provides deeper, richer blacks and a stunning 4000:1 contrast. The result is dramatically enhanced image clarity and realism.



New Quasi 100Hz System

A quasi 100-Hz sub-field drive system detects when a PAL video signal is input and essentially doubles the number of fields displayed in a given time. This dramatically reduces the flicker that can occur when playing PAL sources.



Specifications

Screen Size	42" (106 cm) diagonal
Screen Aspect	16 : 9 Wide
Number of Pixels	408,960 (852 x 480) pixels
Displayable Colours	1,070 million colours
Contrast Ratio	4000 : 1 (in dark surroundings)
Colour System	NTSC/PAL/SECAM/PAL 60Hz/M-NTSC
Audio Output	16 W (8 W x 2)
On-Screen Display	US English/UK English/Spanish/French/German/Italian/Chinese
RGB Input (PC/Component)	Mini D-sub 15-pin x 1 (VGA display & SVGA, XGA, SXGA, UXGA compressed display)
Audio Input (for PC)	M3 stereo plug
Serial (RS232C)	D-Sub 9-pin
Power Supply	AC 220 - 240 V, 50/60Hz
Power Consumption	Average: 265 W; Stand-by (Save On): 0.8 W
Dimensions (W x H x D)	1020 x 610 x 89 mm
Weight	28.9 kg

MACH Enhancer

The MACH Enhancer is an original Panasonic contour-emphasis signal processing technology. Drawing on the Mach effect, this



technology enhances an object's contours in a way that best suits the way the human eye perceives objects.

Deep Black Filter

The front protective glass of the plasma display panel incorporates a new Deep Black Filter that suppresses light transmittance and slashes the amount of external light reflected. This helps our display achieve the industry's highest level of contrast when viewed in bright surroundings.

Digital Cinema Reality

Using the regularity of the film-to-video conversion, the Panasonic plasma display detects whether or not the video source is film. For film, it uses still-image processing for each individual image, to achieve a more faithful movie reproduction.

Plasma C.A.T.S. (Contrast Automatic Tracking System)

Plasma C.A.T.S. automatically senses the ambient light conditions and adjusts the brightness and gradation accordingly, to optimise contrast. This feature helps reduce eyestrain and provides the best possible picture quality for each operating environment.

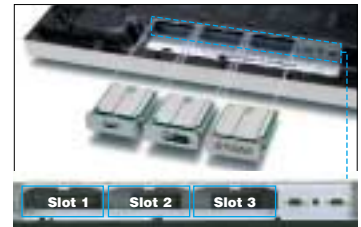
Multi Window

Panasonic plasma displays let you view images from two different sources at the same time. Select either Picture-and-Picture mode (which shows the two images on separate halves of the screen), Picture-in-Picture mode, or Picture-out-Picture mode.



Multi-Function Slots

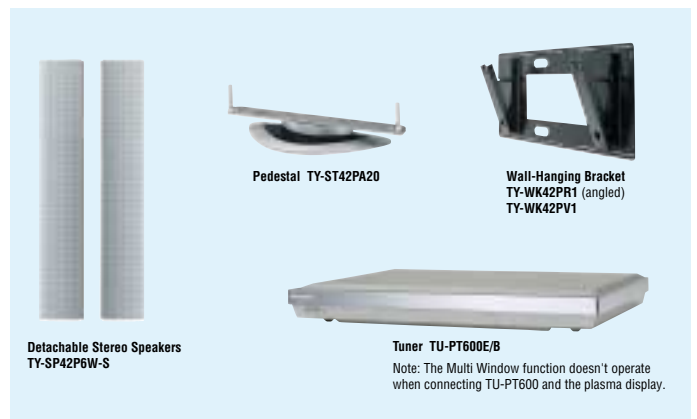
In addition to the fixed input interface, the Panasonic plasma display has three interchangeable slots that let you add different combinations of optional terminal boards.



Optional Terminal Boards



Optional Accessories



Panasonic