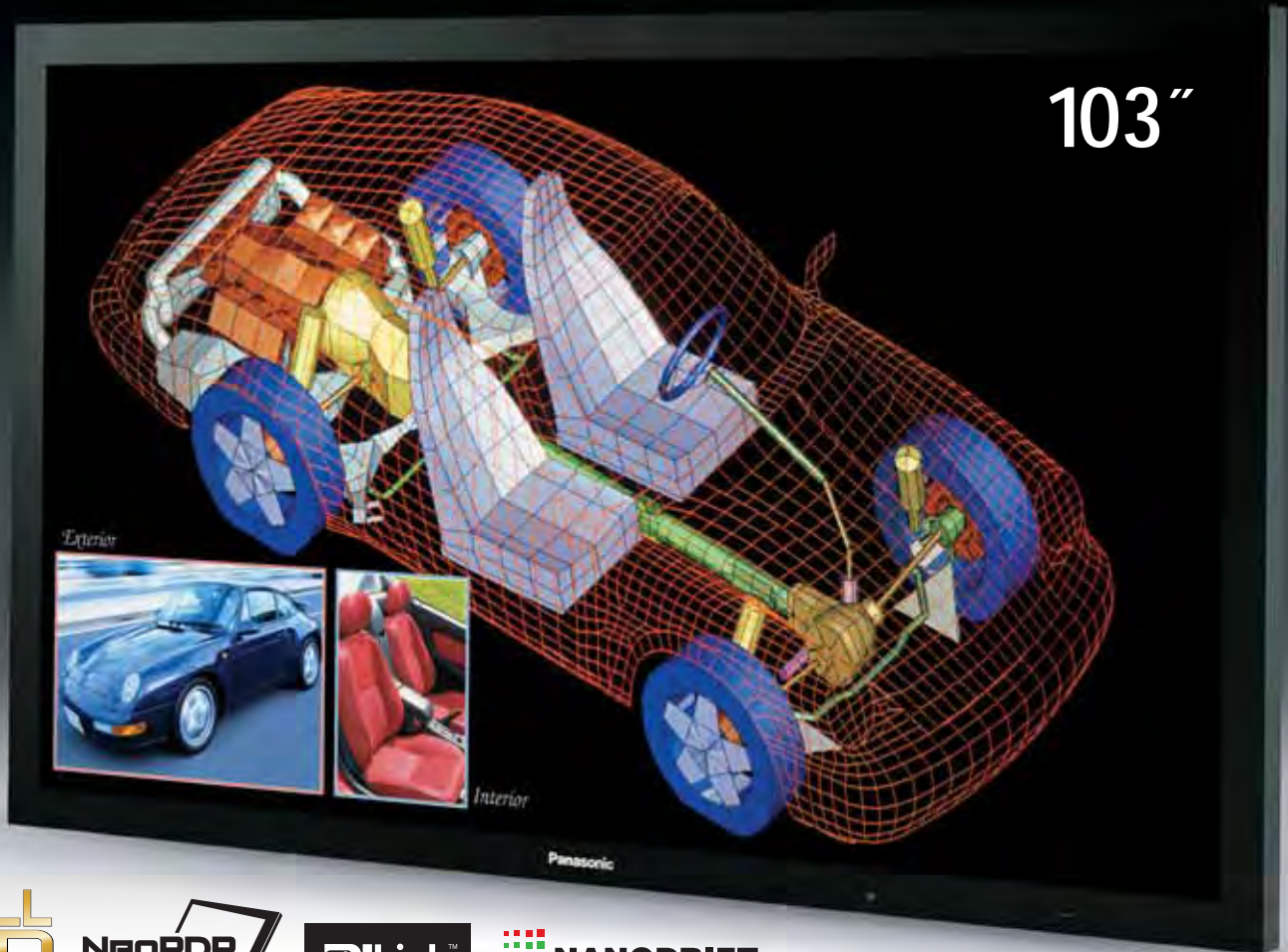


Panasonic
ideas for life

103-inch **TH-103PF12E**
Full-HD Plasma Display

World's Largest*¹ 103-inch Plasma Display
with Detailed and Lifelike Large-Screen Images



**FULL
HD**
1920x1080p

NeoPDP

PLink™

NANODRIFT

Main Features

Large-screen Full-HD panel with effective display area of 2,269 x 1,276 mm for showing powerful images in large spaces

NeoPDP Technology has twice*² the luminous efficiency, so it displays sharper, clearer, brighter images

Wide-ranging applications enabled by a network function and Function Slots

*1: As of October 1, 2009 (according to a Panasonic survey.)

*2: Comparing Full-HD models in existing sizes with same-size 2007 Panasonic models.

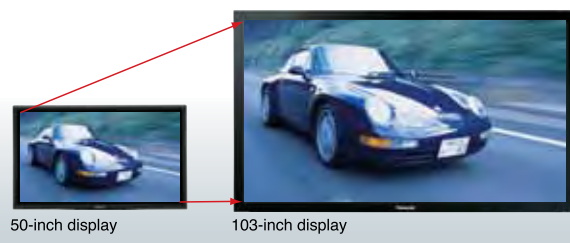
Large, Attention-Grabbing Images — Ideal for Large Spaces

World's Largest*¹, 103-inch Plasma Display

Boasting the equivalent size of four 50-inch panels, this huge plasma display can easily serve as a whiteboard for conference rooms or as a large poster for the wall of a store. Installed in portrait orientation, it can display a life-size person. It's an ideal large-screen full-HD model for use in presentations with a large number of viewers, or as a digital signage system.

*1: As of October 1, 2009 (according to a Panasonic survey).

A large screen the size of four 50-inch models.



It easily displays a life-size person.



NeoPDP Technology Increases Brightness and Contrast

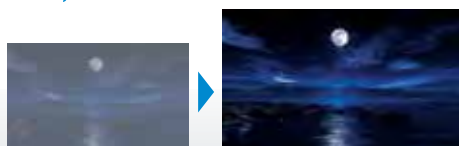
NeoPDP Technology — Twice*² the Luminous Efficiency

The high luminous efficiency of the NeoPDP technology boosts brightness and contrast, and improves moving picture performance. From brilliant whites to robust blacks, NeoPDP has richer gradation. It also displays rapid movements, such as sports action, with enhanced detail. And NeoPDP technology reduces the panel weight.

*2: Comparing Full-HD models in existing sizes with same-size 2007 Panasonic models.



World's Highest*¹ Contrast Ratio of 40,000:1*³



World's Highest*¹ Moving Picture Resolution of 1,080 Lines*⁴

The high moving picture resolution displays rapid-moving images with sharp, clear, full-HD resolution.

*3: Dark-area contrast that can be displayed simultaneously on the same screen.

*4: Motion picture resolution is a quantitative measurement of detail in displayed motion pictures discernible by the human eye. Using a measurement method developed and applied by the APDC (Advanced PDP Development Center Corporation).

World's Highest Level*¹ of 6,144 Equivalent Steps of Gradation

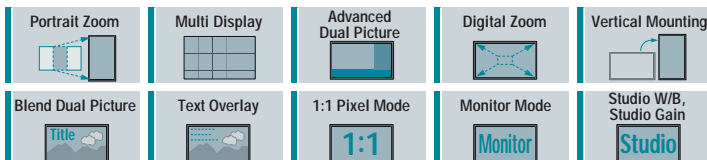


Colours that are Faithful to the Original

This wide colour gamut exceeds even the colour reproduction range of the HDTV standard (ITU-R, BT.709). The colours that it produces are more faithful to the original and more natural.

Excellent System Expansion, a Wealth of Image Display Functions, and Utilities for Added Versatility

Versatile Image Display Functions



A Host of Utilities

- Network Function
- Function Slots
- Weekly Command Timer
- Remote System Monitoring
- Tamper-Resistant Settings
- Energy-Saving Functions
- NANODRIFT SAVER
- Screen Saver Functions
- Anti-Glare Functions

Network Function Compatible with PLink™ Class 1

The network function lets you remotely operate and monitor the status of your display over a LAN network. This gives you efficient operation and management of your plasma display using existing infrastructure.



Specifications

		TH-103PF12E
Screen Size (Diagonal)		103-inch
Aspect Ratio		16:9
Effective Display Area (W x H)		2,269 x 1,276 mm
Resolution (H x V)		1,920 x 1,080 pixels
Pixel Pitch (H x V)		1.182 x 1.182 mm
Contrast Ratio		40,000:1
Gradation		6,144 steps (equivalent)
Input/Output	(Slot1) Vacant	
	(Slot2) DVI-D IN	DVI-D 24-pin x 1
	AUDIO IN (L/R)	M3 jack x 1
	(Slot3) COMPONENT IN	BNC x 3 [Y/G: with sync 1.0 Vp-p, 75 ohms; PB/B, PR/R: 0.7 Vp-p, 75 ohms]
	AUDIO IN (L/R)	M3 jack x 1
	LAN	RJ45 10BASE-T/100-BASE-TX, PLink™ compatible
	(Fixed) 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
Power Requirements		200 - 220 V AC, 50 Hz/60 Hz
Power Consumption		1,450 W
Power off condition		0.4 W
Stand-by condition		Save Off: 1.2 W, Save On: 0.7 W
Audio Output		RCA (L/R) x 1 set, Output level: variable (-∞ to 0 dB at 10 kilohms)
Dimensions (W x H x D)		2,412 x 1,419 x 129* ⁶ mm
Weight (approx.)		201.0 kg

*6: Exclusive of protruding portion (141 mm when including the protruding portion of the slot)

New Screen Saver NANODRIFT SAVER



The new NANODRIFT SAVER reduces image retention four times*⁵ more effectively than previous systems. It uses smooth, fine image movement to minimize the possibility of image retention without blocking the view.

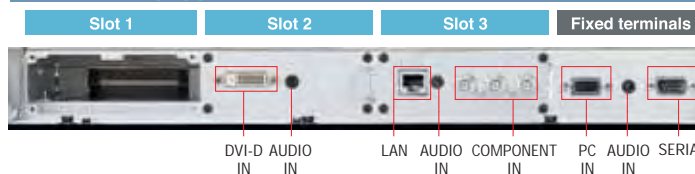
*5: Compared to our previous "wobbling" screen saver.

Peripherals & Mounting Options

Pedestal	Wall-hanging bracket (vertical)	Ceiling-hanging bracket
TY-ST103PF9	TY-WK103PV9 * Also usable for vertical mounting	TY-CE103PS10

- A variety of terminal boards are also available.

Standard-Equipped Terminals



Simulated pictures on screen. Specifications are subject to change without notice.