

Panasonic

ideas for life

Full-HD Plasma Displays

65-inch TH-65PF50E 60-inch TH-60PF50E

50-inch TH-50PF50E 42-inch TH-42PF50E

Wireless Connection* Displays for Smoothly Flowing Presentations

* Panasonic wireless module (ET-WM200E), sold separately, is required.



FULL HD
1920x1080p

3D
FULL HD

PJLink™

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

SLOT 2.0

NANODRIFT

Easy presentation from iOS devices.

JPG

PDF

WEB



■ Main Features

Wireless display*¹ of content from a PC, iPad™ or iPhone®

Faithful colour reproduction renders detailed images over a wide viewing angle.

Long-life panel with durable front glass and approximate 100,000-hour*³ operation.

*1: Panasonic wireless module (ET-WM200E), sold separately, is required. *2: An optional 3D IR Transmitter (TY-3D30TRW) and 3D Eyewear are required for viewing 3D images.

*3: 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.

•App Store is a trademark of Apple Inc. registered in the U.S. and other countries.

Easy, Wireless Presentations from a PC or Tablet

Wireless Connection*1 of PC and Display. Cable-Free Design for Flexible Seating Layouts

The data on your PC screen can be easily sent wirelessly and there is no need to switch cables each time the presenter changes. Multiple Transmission Mode allows data from multiple PCs to be shown on a single screen, or the data from one PC to be shown on up to 8 displays.

Multi-Live Mode

Up to 16 PC screens can be displayed.

● Four-Window Multi Style ● Four-Window Index Style ● 16-Window Index Style



Multiple Transmission Mode

Images from one PC can be shown on up to 8 displays.



Display Content from iOS Devices on Large Screens

Wireless transmission is also possible from iOS devices. Simply install an application (free of charge) to display still-image slideshows, PDF images and websites from an iPad, iPhone, etc.



* Download the necessary application from the App Store.
• App Store is a trademark of Apple Inc. registered in the U.S. and other countries.

High Picture Quality

Faithful Colour Reproduction



Natural, faithful colours on a large-format display

Wide Viewing Angle



Crisp images from anywhere sharing the same image quality

Ecological, Tough Displays

Eco Mode Groups the Energy-Saving Settings

In addition to recommended settings, various settings can be finely customised. These can also be switched to "On" (Recommended Settings) or "Custom" with one touch of the remote control ECO button.

Durable Front Glass

Because the display is designed to resist cracking in the event that an external impact is applied, it is ideal for installation in boardrooms, classrooms, hallways and other public spaces.

Long Life of Approximately 100,000 Hours*2

"Brightness Sensor" Adjusts Brightness to Match Ambient Light

Specifications

	TH-65PF50E	TH-60PF50E	TH-50PF50E	TH-42PF50E
Screen Size (Diagonal)	65-inch (1,645 mm)	60-inch (1,526 mm)	50-inch (1,268 mm)	42-inch (1,057 mm)
Aspect Ratio	16:9	16:9	16:9	16:9
Effective Display Area (W x H)	1,434 x 806 mm	1,330 x 748 mm	1,105 x 622 mm	921 x 518 mm
Resolution (H x V)	1,920 x 1,080 pixels	1,920 x 1,080 pixels	1,920 x 1,080 pixels	1,920 x 1,080 pixels
Pixel Pitch (H x V)	0.747 x 0.747 mm	0.693 x 0.693 mm	0.576 x 0.576 mm	0.480 x 0.480 mm
Contrast Ratio	5,000,000:1*3			
Gradation	6,144 steps (equivalent)			
Panel Life*2	Approx. 100,000 hours			
FULL HD 3D	3D Full HD Ready*4			
Input VIDEO IN	BNC x 1			
AUDIO IN (L/R)	RCA pin jack x 1 set			
COMPONENT IN	BNC x 3			
AUDIO IN (L/R)	RCA pin jack x 1 set			
HDMI IN	HDMI TYPE A Connector x 1			
DVI-D IN	DVI-D 24-pin x 1			
AUDIO IN (L/R)	M3 jack x 1			
PC IN/AUDIO IN (L/R)	Mini D-Sub 15 pin x 1 / M3 jack x 1			
Control LAN	RJ45 10 BASE-T/100 BASE-TX, Compatible with PJLink™			
USB	TYPE B USB 2.0 Compatible (For Wireless Module)			
SERIAL	D-Sub 9-pin x 1 (External Control Terminal), RS-232C Compatible			
3D Shutter Out	M3 jack x 1 (for 3D IR Transmitter)			
DC 8V out for 3D IR Transmitter	Center Plus for EIAJ 4 mm Plug			
Function Slot	SLOT2.0 x 1 (Vacant)			
Power Requirements	220-240 V AC, 50/60 Hz	220-240 V AC, 50/60 Hz	220-240 V AC, 50/60 Hz	220-240 V AC, 50/60 Hz
Power Consumption	510 W	480 W	445 W	365 W
On Mode Average Power Consumption*5	Approx. 310 W	Approx. 280 W	Approx. 220 W	Approx. 160 W
Power off Condition	0.3 W	0.3 W	0.2 W	0.2 W
Stand-by Condition	0.5 W	0.5 W	0.4 W	0.4 W
Speaker Out	8 Ω, 20 W [10 W + 10 W] (10%THD)	6 Ω, 16 W [8 W + 8 W] (10%THD)	6 Ω, 16 W [8 W + 8 W] (10%THD)	6 Ω, 16 W [8 W + 8 W] (10%THD)
Dimensions (W x H x D)	1,554 x 925 x 99 mm	1,434 x 852 x 99 mm	1,210 x 724 x 89 mm	1,020 x 610 x 89 mm
Weight	T.B.D.	T.B.D.	Approx. 33 kg	Approx. 25.0 kg

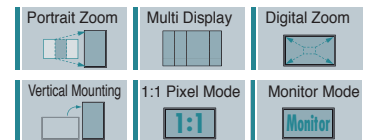
*1: Panasonic wireless module (ET-WM200E), sold separately, is required.

*2: 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.

*3: 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.

*4: An optional 3D IR Transmitter (TY-3D30TRW) and 3D Eyewear are required for viewing 3D images. *5: Based on IEC62087 Ed.2 measurement method.

Versatile Image Display Functions



Peripherals & Mounting Options

Wireless Module

ET-WM200E

Easy Wireless Stick

ET-UW100

Pedestal

TY-ST65P20 (For 65-inch)
TY-ST58P20 (For 60-inch)
TY-ST20-K (For 50, 42-inch)

Wall-hanging bracket

TY-WK42PV20 (For 50, 42-inch)

Wall-hanging bracket (angled)

TY-WK65PR20 (For 65, 60-inch)
TY-WK42PR20 (For 50, 42-inch)

Ceiling hanging bracket

TY-CE42PS20 (For 50, 42-inch)

Mobile stand

TY-ST58PF20 (For 60, 50, 42-inch)

Detachable stereo speakers

TY-SP65P11WK (For 65-inch)
TY-SP58P10WK (For 60-inch)
TY-SP50P8W-K (For 50-inch)
TY-SP42P8W-K (For 42-inch)

Touch panel

TY-TP65P30K (For 65-inch)
TY-TP60P30K (For 60-inch)
TY-TP50P30K (For 50-inch)
TY-TP42P30K (For 42-inch)

• A variety of terminal boards and options are also available.