

Panasonic

ideas for life

1080p Full-HD Plasma Displays

65-inch class

TH-65PF50U

60-inch class

TH-60PF50U

50-inch class

TH-50PF50U

42-inch class

TH-42PF50U

Wireless Connection* Displays for Smoothly Flowing Presentations

* Panasonic wireless module (ET-WM200U), sold separately, is required.



Easy presentation from iOS devices.



FULL HD
1920x1080p

3D FULL HD

PJLink™

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

SLOT 2.0

NANODRIFT

Main Features

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

Faithful color 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-WM200U), 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.



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 Color Reproduction



Natural, faithful colors 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 customized. 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-65PF50U | TH-60PF50U | TH-50PF50U | TH-42PF50U |
|-------------------------------------|---|--|--|--|
| Screen Size (Diagonal) | 64.7-inch (1,645 mm) | 60.1-inch (1,526 mm) | 49.9-inch (1,268 mm) | 41.9-inch (1,066 mm) |
| Aspect Ratio | 16:9 | 16:9 | 16:9 | 16:9 |
| Effective Display Area (W x H) | 56.4" x 31.7" (1,434 x 806 mm) | 52.3" x 29.4" (1,330 x 748 mm) | 43.5" x 24.5" (1,105 x 622 mm) | 36.5" x 20.5" (929 x 522 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 PLink™ | | | |
| Wireless I/F | Wireless Module (ET-WM200U) Terminal x 1 | | | |
| 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 | 110-127 V AC, 50/60 Hz | 110-127 V AC, 50/60 Hz | 110-127 V AC, 50/60 Hz | 110-127 V AC, 50/60 Hz |
| Power Consumption | 555 W | 515 W | 480 W | 390 W |
| On Mode Average Power Consumption*5 | Approx. 315 W | Approx. 285 W | Approx. 151 W | Approx. 110 W |
| Power off Condition | 0.2 W | 0.2 W | 0.2 W | 0.2 W |
| Stand-by Condition | 0.4 W | 0.4 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) | 61.2" x 36.5" x 3.9" (1,554 x 925 x 99 mm) | 56.5" x 33.6" x 3.9" (1,434 x 852 x 99 mm) | 47.7" x 28.5" x 3.5" (1,210 x 724 x 89 mm) | 40.2" x 24.1" x 3.5" (1,020 x 610 x 89 mm) |
| Weight | Approx. 132.3 lbs. (60.0 kg) | Approx. 108.0 lbs. (49.0 kg) | Approx. 72.8 lbs. (33.0 kg) | Approx. 55.2 lbs. (25.0 kg) |

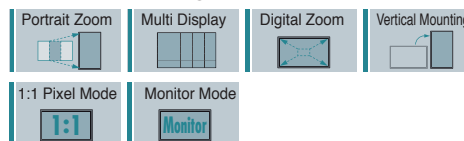
*1: Panasonic wireless module (ET-WM200U), sold separately, is required.

*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-WM200U

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.