

Panasonic

Full HD LED LCD Displays

55-inch class TH-55LF6

47-inch class TH-47LF6

42-inch class TH-42LF6

Standard LCD Displays for Signage Use with High Picture Quality and Versatile Functions



[Main Features]

High Picture Quality and Ecology

The wide-viewing-angle IPS panel and LED backlight provide light weight, a thin profile, and low power consumption.

System Expandability

The DIGITAL LINK function enables simple installation and low system costs.

High Reliability

Continuous 24/7 operation enables reliable performance.

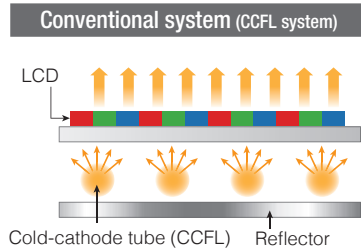
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High Picture Quality and Ecology

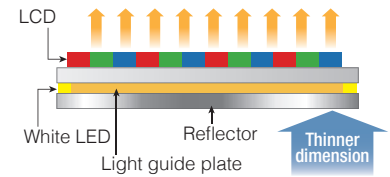
IPS panel and LED backlight provide light weight, a thin profile, and low power consumption

Detailed Full-HD picture quality and the wide viewing angle of the IPS panel produce clear, beautiful images in large spaces. The use of an LED backlight allows signage to be used for long periods with excellent visibility and low power consumption, to help reduce running costs.



The CCFL system requires the installation of multiple tubes that illuminate in the same way as fluorescent lamps behind the LCD panel. Thus, the display unit becomes thick.

LED edge light system



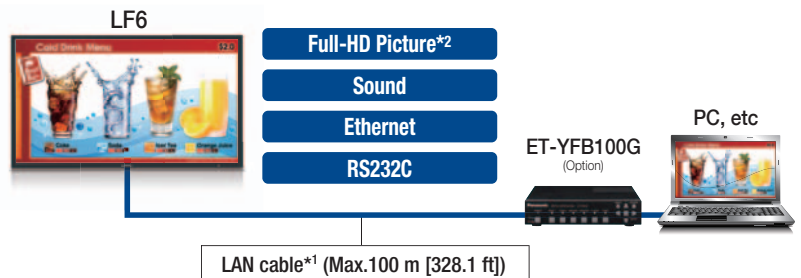
The edge light system requires a small number of LED units because the lights are installed only on the edges of the LCD panel. This saves energy. The display unit can also be made thin and light.

System Expandability

DIGITAL LINK function enables simple installation and low system costs

Using DIGITAL LINK makes it possible to transmit video, audio and control signals over a long distance (up to 100 m [328.1 ft]) with a single LAN cable*1. Easy cabling also reduces labor during setup. This provides transmission of high-quality images and sounds, as well as remote control.

*1: CAT5e (STP) cable or higher. *2: WUXGA (1,920 x 1,200 pixels) compatible.



Product specification

Model No.	TH-55LF6	TH-47LF6	TH-42LF6
DISPLAY			
Screen Size (Diagonal)	55-inch Class (1,387 mm)	47-inch Class (1,192 mm)	42-inch Class (1,067 mm)
Aspect Ratio	16 : 9		
Panel Type	IPS/ E-LED		
Effective Display Area (W x H)	1,209 x 680 mm (47.6" x 26.7")	1,039 x 584 mm (40.9" x 23.0")	930 x 523 mm (36.6" x 20.6")
Number of Pixels (H x V)	1,920 x 1,080 pixels		
Brightness	450 cd/m ²		
Contrast Ratio	1,300 : 1		
Response Time	12 ms (G to G)		
Viewing Angle (Horizontal/Vertical)	178° / 178°		
CONNECTION TERMINAL			
VIDEO In/ Audio In (L/R)	BNC x 1 / RCA Pin (L/R) x 1 set		
HDMI In	HDMI Type A Connector x 2		
Component In/ Audio In (L/R)	BNC x 1 / RCA Pin (L/R) x 1 set		
DVI-D In/Audio In (L/R)	DVI-D 24-pin x 1 / M3 Jack x 1 (Shared with PC In)		
PC In/Audio In (L/R)	Mini D-Sub 15-pin x 1 / M3 Jack x 1 (Shared with DVI-D In)		
DVI-D Out	DVI-D 24-pin x 1		
CONTROL			
Serial In/Out	D-Sub 9-pin x 1 / x 1, RS-232C Compatible		
Digital Link	RJ45 x 1 (Shared with LAN)		
LAN	RJ45 x 1, 10BASE-T / 100BASE-TX (Shared with DIGITAL LINK)		
IR In/Out	IR x 1 / x 1		
AUDIO			
Line Out (VAO)	M3 Jack x 1		
Built-in Speakers	10 W [5 W + 5 W]		
ELECTRICAL			
Power Requirements	AC 100-240 V, 50 Hz / 60 Hz		
Power Consumptions	150 W	140 W	125 W
Stand-by Conditions/Power Off Condition	0.3 W/0.5 W	0.3 W/0.5 W	0.3 W/0.5 W
MECHANICAL			
Dimensions (W x H x D)	1,248 x 718 x 68 mm (49.1" x 28.3" x 2.7")	1,076 x 621 x 68 mm (42.4" x 24.5" x 2.7")	967 x 560 x 68 mm (38.1" x 22.1" x 2.7")
Bezel Width	16 mm (0.7")		
Weight	Approx. 25.8 kg (56.9 lbs.)	Approx. 16.7 kg (36.9 lbs.)	Approx. 14.5 kg (32.0 lbs.)
ENVIRONMENTAL			
Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) / Humidity: 20% to 80% (Non Condensation)		

High Reliability

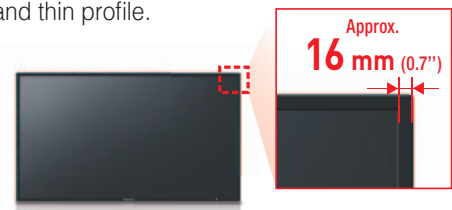
Continuous 24/7 operation

The highly durable panel can be operated continuously for 24/7. It makes the display panel suitable for use all day and night in places such as surveillance station and public facilities.

Vertical/Horizontal Use

Stylish Slim Design

The slim display, only 68 mm (2.7") in depth, and a narrow bezel of about 16 mm (0.7") achieve a stylish design, light weight, and thin profile.



Other Functions

Built-in Speaker

Optional Accessories

Pedestal TY-ST58P20 (For 55-inch) TY-ST42P50 (For 47/42-inch)

Digital Interface Box ET-YFB100G

* In case of running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.