

# Panasonic



## TH-55LF60/TH-47LF60/TH-42LF60 FULL HD LED LCD

### DISPLAYS

### PROFESSIONAL LCD DISPLAYS WITH HIGH BRIGHTNESS AND EXCELLENT PICTURE QUALITY

#### High Brightness and Excellent Picture Quality

Bright 700-cd/m<sup>2</sup> models using a wide-viewing-angle IPS panel and LED backlight.



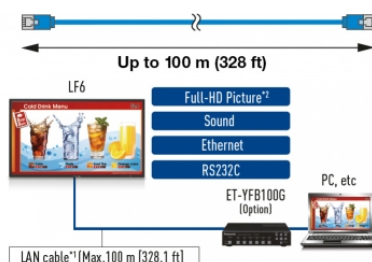
Bright 700-cd/m<sup>2</sup>  
LED backlight

Wide viewing angle  
with the IPS panel

Horizontal and vertical  
installation supported

#### System Expandability

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



#### High Reliability

Continuous 24/7 operation enables reliable performance.



# Product specification

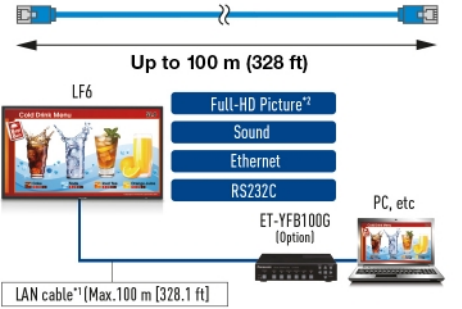
Model No.	TH-55LF60	TH-47LF60	TH-42LF60
DISPLAY			
Screen Size (Diagonal)	55-inch Class (1,387 mm)	47-inch Class (1,192 mm)	42-inch Class (1,067 mm)
Aspect Ratio	16 : 9		
Panel Type	IPS/ E-LED		
Effective Display Area (W x H)	1,209 x 680 mm (47.6" x 26.7")	1,039 x 584 mm (40.9" x 23.0")	930 x 523 mm (36.6" x 20.6")
Number of Pixels (H x V)	1,920 x 1,080 pixels		
Brightness	700 cd/m <sup>2</sup>		
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	0.5 W / 0.3 W	0.5 W / 0.3 W	0.5 W / 0.3 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	25.8 kg	16.7 kg	14.5 kg
ENVIRONMENTAL			
Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) / Humidity: 20% to 80% (Non Condensation)		
OTHER FUNCTIONS			
Built-in Speaker	Yes		
OPTIONAL ACCESSORIES			
Pedestal	TY-ST58P20 and TY-ST42P50		

High-brightness 700-cd/m<sup>2</sup> models with wide viewing-angle IPS panel and LED backlight

The IPS panel provides the wide viewing angle and 700-cd/m<sup>2</sup> brightness required for signage and other professional applications. Images are beautifully displayed even in large, brightly lit spaces such as train stations and airports. Information is clearly transmitted with highly detailed Full-HD quality, so the signage content is easy to understand.

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\*<sup>1</sup>. Easy cabling also reduces labour during setup. This provides transmission of high-quality images and sounds, as well as remote control.  
\*<sup>1</sup>: CAT5e(STP) cable or higher. \*<sup>2</sup>: WUXGA(1,920 × 1,200 pixels) compatible

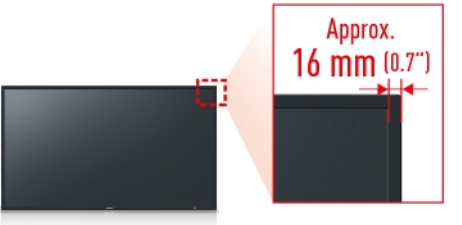


Continuous 24/7 operation

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 restaurants and transportation facilities.

Stylish Slim Design

The slim display is only 68 mm (2.7") in depth and with a narrow bezel of 16 mm (0.7") achieves a stylish design with a thin profile which is lightweight.



For more information about Panasonic displays, please visit:  
Display Web Site – [business.panasonic.co.uk/visual-system](http://business.panasonic.co.uk/visual-system)