

Crisp, Clear Information Is Provided with 1,000 cd/m<sup>2</sup> of Brightness. Ideal for Outdoor Places Subject to Rain, Dust and Strong Sunlight.



Excellent for town guides and menu boards for drive-through restaurants.

## High Visibility

A Full 1,000 cd/m<sup>2</sup> of Brightness Provides Easy Reading Even in Sunlight

In addition to the wide viewing angle of the IPS Panel, this display offers a full 1,000 cd/m<sup>2</sup> of brightness. Images are crisp and clear even in brightly lit places, so information is accurately relayed and visibility is superb.

## Rugged Construction

An Air-Cooled System for Use in Direct Sunlight Plus High Dust and Water Resistance

An air-cooled system suppresses temperature rises in the LCD panel from direct sunlight exposure, to prevent blackouts. IP44 level dust and water resistance also makes the display ideal for drive-through restaurant and other outdoor uses.

## System Expandability

The DIGITAL LINK Function Transmits Images, Sounds and Control Signals Up to 100 Metres [328.1 ft] Over a Single LAN Cable

The PC connected to the outdoor display can be located indoors, unaffected by rain and dust. Cable connection requires less work, because only one cable is required.



For more information about Panasonic Professional Display, please visit:

Professional Display Global Website: [panasonic.net/prodisplay](http://panasonic.net/prodisplay)

YouTube: [www.youtube.com/PanasonicProDisplay](http://www.youtube.com/PanasonicProDisplay)



## High Brightness (1,000 cd/m<sup>2</sup>) for Easy-to-See Images Even in Sunlight

Images are clear even in brightly lit places. Full 1,000 cd/m<sup>2</sup> brightness maintains excellent visibility under direct sunlight. This makes the LFX ideal for installation in drive-through lanes. And because the brightness isn't affected by external light, information such as menu items and prices remain clear and easy to read.



### The IPS Panel Makes It Easy to Read from Any Position

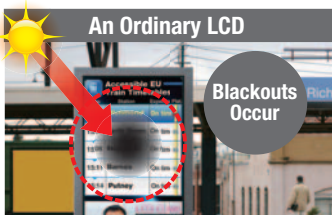
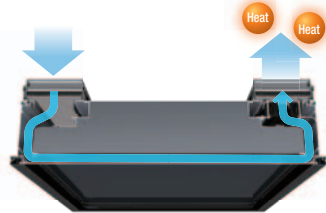


The IPS panel displays clear images, and colors appear unchanged even when the image is viewed from an angle top or bottom, right or left. It provides accurate information to many people in a large place such as a public facility.

## Air-Cooling System Strongly Resists Dust, Water and Direct Sunlight

### Forced Air-Cooling System for Blackout Prevention

Outside air is brought into the cabinet to produce an airflow between the front glass and the LCD panel. This suppresses internal temperature rises and prevents blackouts when the display is installed outdoors. It also serves as a countermeasure against condensation.



The LFX operates stably even outdoors under direct sunlight.

### Dust and Water Resistance Performance — Ideal for Outdoor Installation

IP44 level dust and water resistance performance enables use even in outdoor and other severe environments.

IP-4 4

Level of protection from dust particles	
Level	Degree of Protection
4	Protection from solid bodies greater than 1 mm (0.04") in diameter

Level of water resistance	
Level	Degree of Protection
4	Protection of the display from water splashing (in both vertical and horizontal directions)

### Aluminium Cabinet and Tempered Glass

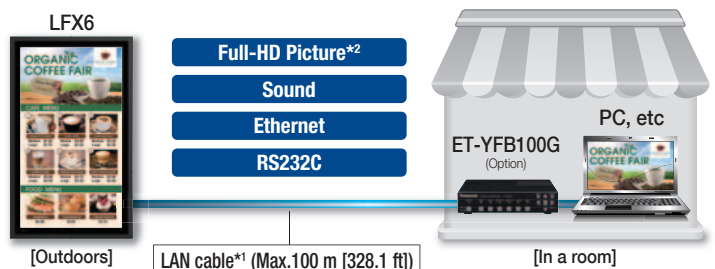
The aluminum cabinet strongly resists corrosion. In addition, tempered glass ensures rugged strength against impacts.



## DIGITAL LINK for Transmission of Video, Audio and Control Signals for up to 100 m [328.1 ft] with a Single LAN Cable

Only a single LAN cable\*1 is required to transmit uncompressed HD video, audio and control signals for a distance of up to 100 m [328.1 ft]. This enables indoor installation of the PC and other devices connected to the display at an outdoor location in order to protect the PC and devices from rain and dust. Since only one cable needs to be connected between the PC and panel, cable routing work is quick and easy. Because a control signal can also be sent simultaneously, it is easy to upgrade the system by combining it with the optional ET-YFB100G Digital Interface Box.

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



### Product specification

Model No.	TH-47LFX6U	TH-47LFX6W
<b>DISPLAY</b>		
Screen Size (Diagonal)	46.9-inch (1,192 mm)	47-inch (1,192 mm)
Panel Type	IPS/CCFL	
Effective Display Area (W x H)	1,039 x 584 mm (40.9" x 23.0")	
Number of Pixels	1,920 x 1,080 pixels	
Brightness (Typ)	1,000 cd/m <sup>2</sup>	
Viewing Angle (Horizontal/Vertical)	178°/178°	
<b>CONNECTION TERMINAL</b>		
HDMI In	HDMI Type A Connector x 1	
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 x1/M3 Jack x 1 (Shared with DVI-D In)	
DIGITAL LINK	RJ45 x 1 (Shared with LAN)	
<b>CONTROL</b>		
Serial In	D-Sub 9-pin x 1, RS-232C Compatible	
LAN	RJ45 x 1 (Shared with DIGITAL LINK)	
<b>ELECTRICAL</b>		
Power Requirements	AC 110-127 V, 50 Hz/60 Hz	AC 220-240 V, 50 Hz/60 Hz
Power Consumption	370 W	
Power Off Condition/Stand-by Condition	0.3 W / 0.5 W	
<b>MECHANICAL</b>		
Dimensions (W x H x D)	1,162 x 706 x 216 mm (45.8" x 27.8" x 8.5")	
Weight	Approx. 49.5 kg (109.1 lbs)	
<b>ENVIRONMENTAL</b>		
Direct Sunlight Capability (Measures Against Blackout)	Yes (Built-in Air Cooling System)	
Dust and Water-resistant Level	IP44	
Operating Environment	Temperature: -20 °C to 40 °C (-4 °F to 104 °F) / Humidity: 20 % to 80 %	

\*When using outdoor mode.

### Optional Accessories

Replacement Air Filter  
TY-AF6STD

Digital Interface Box  
ET-YFB100G