

Panasonic

ideas for life

47-inch **TH-47LFT30W**
Outdoor LCD Display

Outdoor-Capable LCD Display with Touch Panel Featuring Excellent Visibility in Sunlight and Strong Light Resistance



**FULL
HD**
1920x1080p

**In
Plane
Switching**

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Main Features

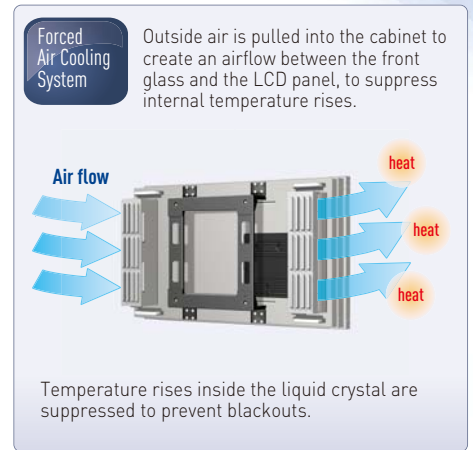
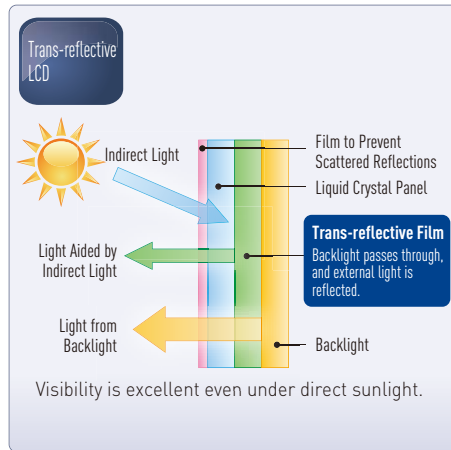
- 1** 1,500 cd/m² of Brightness — High Visibility in Bright Places
- 2** Forced Air Cooling System — Usable Under Direct Sunlight
- 3** Touch Panel Function for Interactive Signage Use

High Visibility Even in Bright Places

Usable Even Under Direct Sunlight

A trans-reflective LCD panel is used to produce bright, clear images, and a backlight combines with direct external lighting to enhance visibility. A forced-air cooling system using outside air allows the panel to withstand internal temperature rises caused by sunlight, to extend the ambient operating temperature range (the operating temperature limit when the panel is mounted facing direct sunlight*). Power consumption is lower than panels that increase brightness by simply raising the intensity of the backlight, which also suppresses the internal temperature rise.

*When the panel is mounted facing direct sunlight, the operating temperature must be under 40 °C instead of 45 °C.



Touch Panel Enables a Wide Range of Information Services

Easy-to-construct interactive signage

The TH-47LFT30W is standard-equipped with a touch panel that expands its applications in a variety of new ways, including use in interactive signage systems.

Electrostatic capacitive touch panel

The electrostatic capacitive touch panel achieves a well balanced performance for touch panel lifetime, response, and resolution. It also provides stable operation under direct sunlight.



Specifications

		TH-47LFT30W
IP Rating*1		Corresponding to IP53
DISPLAY PANEL	Screen Size (Diagonal)	47-inch (1,192 mm)
	Aspect Ratio	16:9
	Effective Display Area (W x H)	1,039 x 584 mm
	Number of Pixels (H x V)	1,920 x 1,080 pixels
	Brightness (in dark room)	1,000 cd/m ² (Typ)
	Brightness (in daylight*2)	1,500 cd/m ² (Max)
	Contrast Ratio	1,000 : 1
	Response Time	9 ms (G to G)
	Viewing Angle (Horizontal/Vertical)	178° / 178°
	Orientation	Landscape / Portrait
Touch Screen Panel		Capacitance Type Touch Panel
CONNECTION TERMINAL	HDMI IN	HDMI TYPE A connector x 2 (Deep Colour Compatible)
	DVI-D IN	DVI-D 24 pin (HDCP Compatible) x 1
	PC IN	MINI D-SUB 15 pin x1 Plug & Play (VESA DDC 2B)
	AUDIO IN (for DVI-D/PC)	M3 Jack x 1
CONTROL TERMINAL	Serial	D-SUB 9 pin x 1 (EXTERNAL CONTROL TERMINAL), RS-232C Compatible
ELECTRICAL	Power Requirements	220-240 V AC, 50 Hz / 60 Hz
	Power Consumption	300 W
	On Mode Average Power Consumption*3	250 W
	Power Off Condition	0.2 W
	Stand-by Condition	Save ON 0.2 W, Save OFF 0.3 W
AUDIO	Speaker Out	8 Ω, 10 W [5 W + 5 W] [10 %THD]
MECHANICAL	Dimensions (W x H x D)	1,149 x 694 x 271 mm
	Weight	Approx. 62 kg
	Cabinet Material/Colour	Aluminum/Silver
	Mounting Method	VESA 400 x 400 mm
ENVIRONMENTAL	Operating Environment	Temperature: 0 °C to 45 °C*4 Temperature (Winter Mode): -20 °C to 45 °C*4 Humidity: 20 % to 90 %

*1: IP=Ingress Protection

*2: Measured under ambient lighting of approximately 80,000lx.

*3: Based on IEC62087 Ed.2 measurement method.

*4: When the panel is mounted facing direct sunlight, the operating temperature must be under 40 °C instead of 45 °C.

Dustproof and Water Resistant for Outdoor Installation

The dustproof and water resistant equivalent to IP53

"Degree of protection IP53" holds considerable dust proofing. It can be installed in dusty environments.

What is IP?

This denotes the degree of dust-proofing and water resistance. IP is an abbreviation of the international standard Ingress Protection

IP-53

Dust Proofing

Level of protection from dust particles

Level	Degree of Protection
5	Protection from 4 micron dust particles

Water Resistance

Level of water resistance

Level	Degree of Protection
3	Protection from a water spray