

# Panasonic

ideas for life

47-inch **TH-47LFX30W**  
Outdoor LCD Display

## Outdoor-Capable LCD Display Excellent Visibility in Sunlight and Strong Light Resistance



**FULL  
HD**  
1920x1080p

**In  
Plane  
Switching**

**HDMI**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

### Main Features

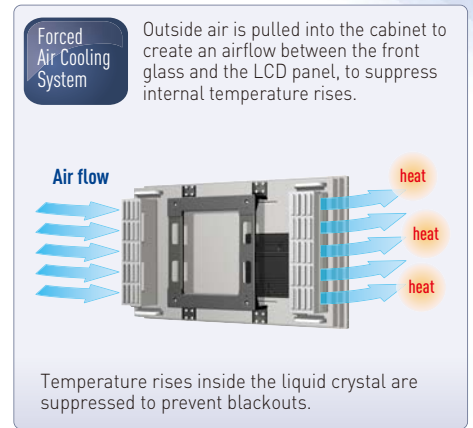
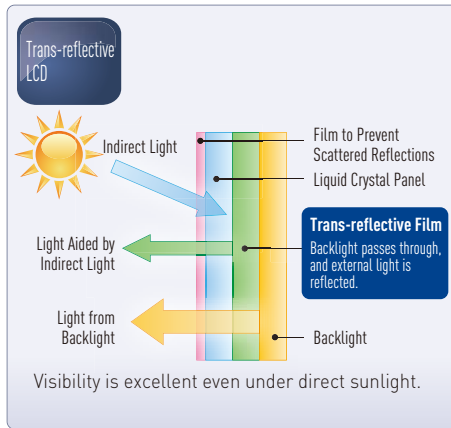
- 1 1,500 cd/m<sup>2</sup> of Brightness — High Visibility in Bright Places
- 2 Forced Air Cooling System — Usable Under Direct Sunlight
- 3 Robust Operation Even Under Adverse Conditions

# 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.

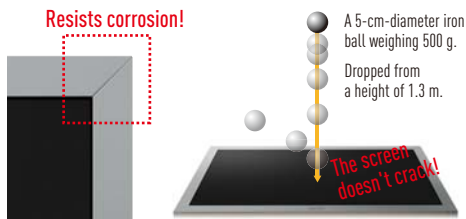
\*When the panel is mounted facing direct sunlight, the operating temperature must be under 40 °C instead of 45 °C.



# Robust Operation Even Under Adverse Conditions

## Aluminum Cabinet and Tempered Glass Adoption

The aluminum cabinet adopts a structure that resists corrosion. In addition, the tempered glass provides strong resistance to impacts.



### Specifications

		TH-47LFX30W
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 <sup>2</sup> (Typ)
	Brightness (in daylight*2)	1,500 cd/m <sup>2</sup> (Max)
	Contrast Ratio	1,000 : 1
	Response Time	9 ms (G to G)
	Viewing Angle (Horizontal/Vertical)	178° / 178°
	Orientation	Landscape / Portrait
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 % (Non Condensation)

\*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.

