

# Panasonic

ideas for life

47-inch **TH-47LFP30W**  
Weatherproof LCD Display

42-inch **TH-42LFP30W**  
Weatherproof LCD Display

## IP66-Level Dustproof and Water Resistant Protection Against Rain and Dust



**FULL  
HD**  
1920x1080p

**In  
Plane  
Switching**

**HDMI**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

### Main Features

- 1 IP66-Compliant Dustproof and Water Resistant Performance**
- 2 Trans-reflective LCD Panel — High Visibility in Bright Places**
- 3 Robust Operation Even Under Adverse Conditions**

# IP66-Compliant Dustproof and Water Resistant Performance

## Installable outdoors and in factories

"IP66 enclosure protection rating" enables to be installed in the hard environments such as rainy and dusty location.



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

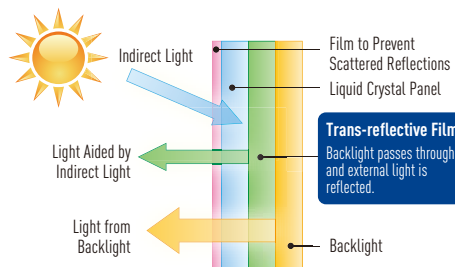
**IP-66**

Dust Proofing		Water Resistance	
Level of protection from dust particles		Level of water resistance	
Level	Degree of Protection	Level	Degree of Protection
6	Protection from 4 micron dust particles penetrating under reduced pressure	6	Protection from water projected from a powerful nozzle in any direction towards the display

# Trans-reflective LCD Improves Both Visibility and Energy-Saving

## A 1000-cd/m<sup>2</sup> high-brightness LCD

A trans-reflective LCD panel is used to produce bright, clear images, and a backlight combines with direct external lighting to enhance visibility. Power consumption is lower than panels that increase brightness by simply raising the intensity of the backlight, which also suppresses the internal temperature rise.



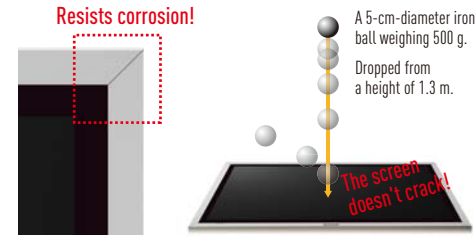
Specifications		TH-47LFP30W	TH-42LFP30W
IP Rating*1		IP66	
DISPLAY PANEL	Screen Size (Diagonal)	47-inch (1,192 mm)	42-inch (1,067 mm)
	Aspect Ratio	16:9	
	Effective Display Area (W x H)	1,039 x 584 mm	930 x 523 mm
	Number of Pixels (H x V)	1,920 x 1,080 pixels	
	Brightness (in dark room)	750 cd/m <sup>2</sup> (Typ)	
	Brightness (in daylight*2)	1,000 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	VIDEO IN/AUDIO IN	BNC x 1 / RCA (L/R) x 1 set	
	HDMI IN	HDMI TYPE A Connector x 2 (Deep Colour Compatible)	
	COMPONENT/RGB IN	BNC x 3	
	AUDIO IN	RCA (L/R) x 1 set	
	DVI-D IN	DVI-D 24 pin (HDCP Compatible) x 1	
	PC IN	MINI D-SUB 15 pin x 1, 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	290 W	240 W
	On Mode Average Power Consumption*3	200 W	160 W
	Power Off Condition	0.2 W	0.2 W
	Stand-by Condition	Save ON 0.2 W, Save OFF 0.3 W	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)	1,162 x 706 x 158 mm	1,049 x 642 x 158 mm
	Weight	Approx. 45 kg	Approx. 38 kg
	Cabinet Material/Colour	Aluminum / Silver	
	Mounting Method	VESA 400 x 400 mm	
ENVIRONMENTAL	Operating Environment	Temperature: 0 °C to 40 °C Temperature (Winter Mode): -20 °C to 40 °C Humidity: 20 % to 90 %	

\*1: IP=Ingress Protection  
\*2: Measured under ambient lighting of approximately 80,000lx. It is not allowed to be installed with facing direct sunlight on the panel.  
\*3: Based on IEC62087 Ed.2 measurement method.

# 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.

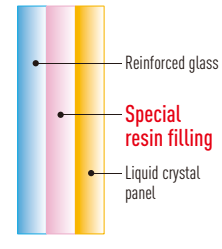


## Winter Mode

Keeping the LCD panel warm allows proper operation in cold temperatures (down to -20 °C). Winter mode enables stable use in cold climates and during wintertime.

## Condensation Countermeasure Eliminates Air Layer

A transparent resin is injected between the glass and the LCD panel to eliminate the air layer. This enables stable operation with no condensation in cold climates and during low temperatures.



Simulated pictures on screen.  
Design and specifications are subject to change without notice.  
As of October 11, 2011.  
(For Europe, Asia, Africa, Middle East)  
CR11LFP30\_04