Panasonic



47-inch FULL HD LCD Display

TH-47LF5W

Product specification (design and specification subject to change without notice)

■DISPLAY PANEL

Screen Size (Diagonal)	47-inch (1192 mm)
Panel type	IPS panel
Aspect ratio	16:9
Effective Display Area (W x H)	1039 x 584 mm
Number of pixels (H x V)	1920 x 1080 pixels
Brightness (Typ)	500 cd/㎡
Contrast Ratio	1200:1
Response Time	9 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178˚/178˚
Operating Life	approx. 50,000 hours*

*An approximate time until the panel brightness decreases to half of its original value.

■CONNECTION TERMINAL

HDMI IN	HDMI TYPE A x 1	
DVI-D IN	DVI-D 24 Pin x 1	Compliance with DVI Revision 1.0
	Content Protection	Compatible with HDCP 1.1
AUDIO IN (L/R)	Stereo mini jack (M3) x 1 (Shared with PC IN)	0.5 Vrms
PC IN	Mini D-sub 15 Pin x1	Y or G with sync 1.0 Vp-p (75Ω) Y or G without sync 0.7 Vp-p (75Ω) P_B/C_B/B : 0.7 Vp-p (75Ω) P_R/C_R/R : 0.7 Vp-p (75Ω) HD/VD : 1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (L/R)	Stereo mini jack (M3) x 1 (Shared with DVI-D IN)	0.5 Vrms
SERIAL	D-SUB 9 pin x 1 (SERIAL IN)/D-SUB 9 pin x 1 (SERIAL OUT)	RS-232C Compatible

■AUDIO

AUDIO OUT	RCA Pin x 2 (L/R) Output level: Variable (-∞ – 0 dB)

■ELECTRICAL

Power Requirements	220-240V AC, 50Hz/60Hz
Rated Power Consumption	290W
On Mode Average Power Consumption*	approx. 245W
Power off condition	0.3W
Stand-by condition	0.5W

*Based on IEC 62087 Ed.2 measurement method.

■MECHANICAL

Dimensions (W x H x D)	1079 x 624 x 117 mm
Carton Dimensions (W x H x D)	1212 x 770 x 254 mm
Weight	approx. 24.5 kg
Gross weight	approx. 29.0 kg
Bezel Width	18.6 mm
Cabinet Material / Color	Plastic / Black
VESA mount	VESA 400 x 400 mm

■ENVIRONMENTAL

Operating environment	Temperature	: 0℃ to 40℃
	Humidity	: 20% to 80% (Non condensation)
Storage environment	Temperature	: -20℃ to 60℃*
	Humidity	: 20% to 90% (Non condensation)

*If the Temperature is 40℃ to 60℃, please keep in humidity 20% to 40%.

■STANDARD (CERTIFICATIONS)

SAFETY REGULATIONS	AS / NZS60065, SASO, IEC60065 / SS, IEC60065 / PAI, IEC60065
RADIATION REGULATIONS	CISPR22 Class-B

■REMOTE CONTROL TRANSMITTER

Power Requirements	DC 3V (2 x R6 Size batteries)
Operation distance	approx. 7m in front of Display
Weight	approx. 100g including batteries

■INCLUDED ACCESSORIES

- AC cord - Operating instruction book - Remote control transmitter - Batteries

© Panasonic Corporation 2012

MAIN FEATURE

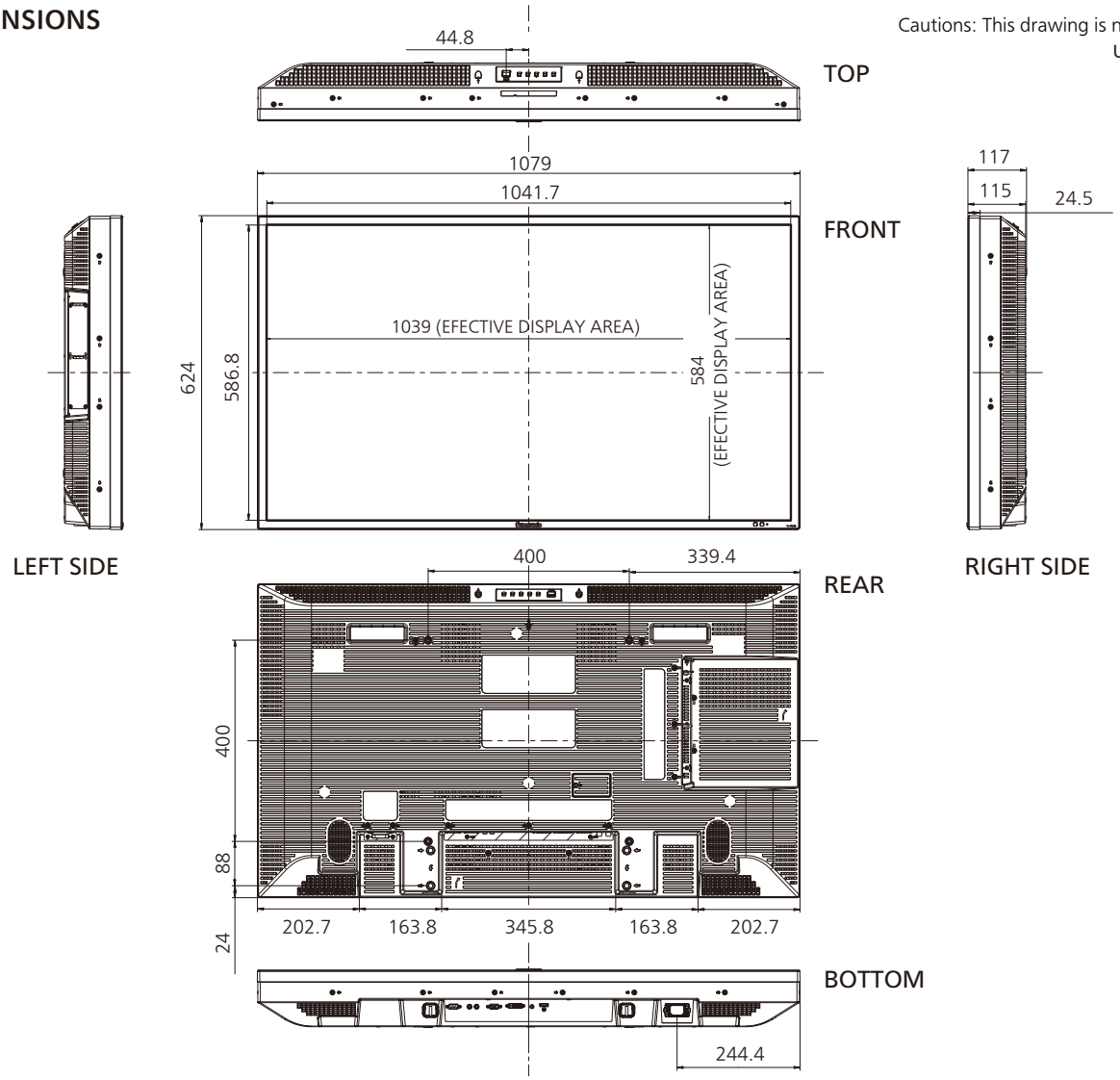
Digital Zoom	Yes (x1～x4)
Video Wall	Yes (N x M, up to 5 x 5)
Power-on Screen Delay	Yes
Seam Hides Video Off Mode	Yes
1:1 Pixel mode	Yes
Automatic Picture Position	Yes
Screen Saver	Yes
No signal power off	Yes
PC Power Management	Yes
DVI-D Power Management	Yes
ECO mode	Yes
Input lock	Yes
Button lock	Yes
Remote-control User Level	Yes
Failover input	Yes
Orientation	Landscape / Portrait

OPTIONAL ACCESSORIES

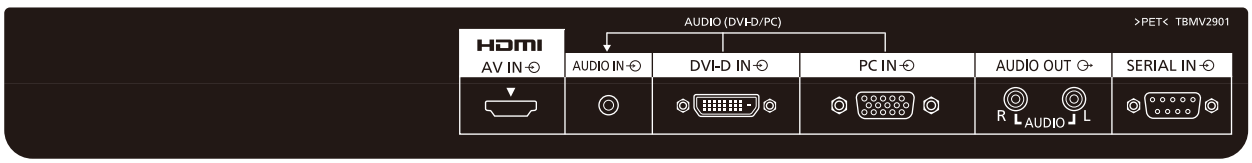
Pedestal	TY-ST42P50

DIMENSIONS

Cautions: This drawing is not a scale
Units : mm



CONNECTION TERMINAL



© Panasonic Corporation 2012

APPLICABLE INPUT SIGNALS

	Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	PC IN (Dot clock (MHz))	DVI-D IN (Dot clock (MHz))	HDMI
1	525 (480) / 60i	15.73	59.94	* (13.5)	* (27.0)	*
2	525 (480) / 60p	31.47	59.94	* (27.0)	* (27.0)	*
3	625 (575) / 50i	15.63	50.00	* (13.5)		
4	625 (576) / 50i	15.63	50.00		* (27.0)	*
5	625 (575) / 50p	31.25	50.00	* (27.0)		
6	625 (576) / 50p	31.25	50.00		* (27.0)	*
7	750 (720) / 60p	45.00	60.00	* (74.25)	* (74.25)	*
8	750 (720) / 50p	37.50	50.00	* (74.25)	* (74.25)	*
9	1,125 (1,080) / 60p	67.50	60.00	* (148.5) *1	* (148.5)	*
10	1,125 (1,080) / 60i	33.75	60.00	* (74.25) *1	* (74.25)	*
11	1,125 (1,080) / 50p	56.26	50.00	* (148.5) *1	* (148.5)	*
12	1,125 (1,080) / 50i	28.13	50.00	* (74.25) *1	* (74.25)	*
13	1,125 (1,080) / 24sF	27.00	48.00	* (74.25) *2		
14	1,125 (1,080) / 30p	33.75	30.00	* (74.25) *1	* (74.25)	
15	1,125 (1,080) / 25p	28.13	25.00	* (74.25) *1	* (74.25)	
16	1,125 (1,080) / 24p	27.00	24.00	* (74.25) *1	* (74.25)	*
17	640 × 400 @70 Hz	31.46	70.07	* (25.17)		
18	640 × 480 @60 Hz	31.47	59.94	* (25.18)	* (25.18)	*
19	640 × 480 @72 Hz	37.86	72.81	* (31.5)		
20	640 × 480 @75 Hz	37.50	75.00	* (31.5)		
21	640 × 480 @85 Hz	43.27	85.01	* (36.0)		
22	800 × 600 @56 Hz	35.16	56.25	* (36.0)		
23	800 × 600 @60 Hz	37.88	60.32	* (40.0)	* (40.0)	*
24	800 × 600 @72 Hz	48.08	72.19	* (50.0)		
25	800 × 600 @75 Hz	46.88	75.00	* (49.5)		
26	800 × 600 @85 Hz	53.67	85.06	* (56.25)		
27	852 × 480 @60 Hz	31.47	59.94	* (33.54)	* (34.24)	*
28	1,024 × 768 @50 Hz	39.55	50.00		* (51.89)	*
29	1,024 × 768 @60 Hz	48.36	60.00	* (65.0)	* (65.0)	*
30	1,024 × 768 @70 Hz	56.48	70.07	* (75.0)		
31	1,024 × 768 @75 Hz	60.02	75.03	* (78.75)		
32	1,024 × 768 @85 Hz	68.68	85.00	* (94.5)		
33	1,066 × 600 @60 Hz	37.64	59.94	* (53.0)	* (53.0)	*
34	1,152 × 864 @60 Hz	53.70	60.00		* (81.62)	*
35	1,152 × 864 @75 Hz	67.50	75.00	* (108.0)		
36	1,280 × 768 @60 Hz	47.70	60.00	* (80.14)		
37	1,280 × 960 @60 Hz	60.00	60.00	* (108.0)		
38	1,280 × 960 @85 Hz	85.94	85.00	* (148.5)		
39	1,280 × 1,024 @60 Hz	63.98	60.02	* (108.0)	* (108.0)	*
40	1,280 × 1,024 @75 Hz	79.98	75.03	* (135.0)		
41	1,280 × 1,024 @85 Hz	91.15	85.02	* (157.5) *3		
42	1,366 × 768 @50 Hz	39.55	50.00		* (69.92)	*
43	1,366 × 768 @60 Hz	48.36	60.00	* (86.71)	* (87.44)	*
44	1,400 × 1,050 @60 Hz	65.22	60.00		* (122.61)	*
45	1,600 × 1,200 @60 Hz	75.00	60.00	* (162.0)	* (162.0)	*
46	1,920 × 1,080 @60 Hz	67.50	60.00	* (148.5)	* (148.5)	*
47	1,920 × 1,200 @60 Hz	74.04	59.95		* (154.0)	*
48	Macintosh13" (640 × 480)	35.00	66.67	* (30.24)		
49	Macintosh16" (832 × 624)	49.72	74.54	* (57.28)		
50	Macintosh21" (1,152 × 870)	68.68	75.06	* (100.0)		

*1:Based on SMPTE 274M standard.
*2:Based on SMPTE RP211 standard.
*3:Not compatible with SYNC ON G.
・ The signal format automatically detected may differ from the actual input signal in display.

© Panasonic Corporation 2012