

High Definition Plasma Display

TH-85PF12U



<Product summary>

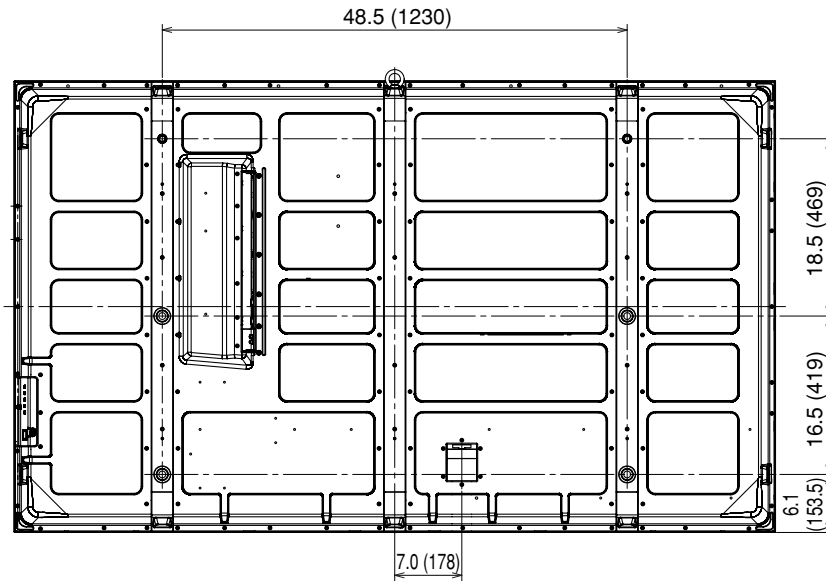
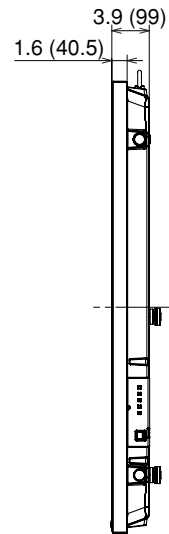
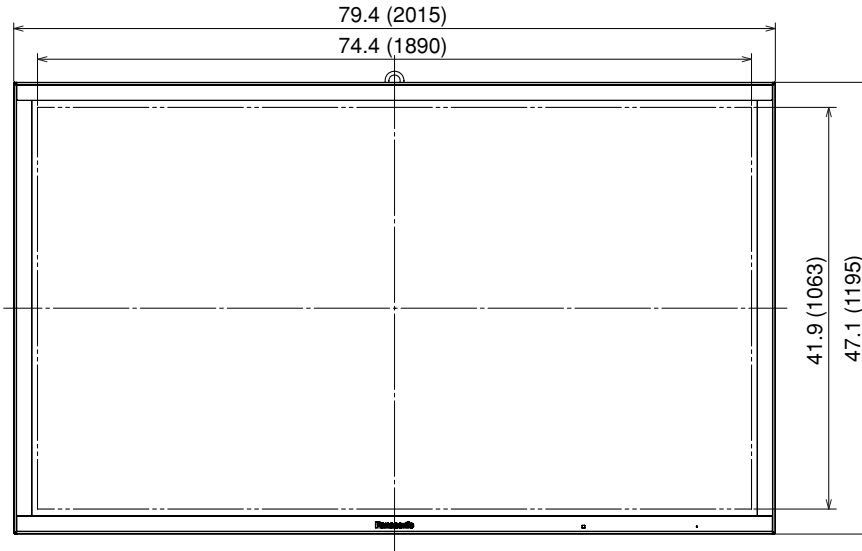
- 85-inch 1080p High Definition Plasma Display for professional use
- Displays life-size image with 40,000:1 of high contrast and superb color gradation
- Tough body with durable front glass and the panel that offers a long life of 100,000 hours
- Equipped with three interchangeable slots and various functions to meet your needs

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

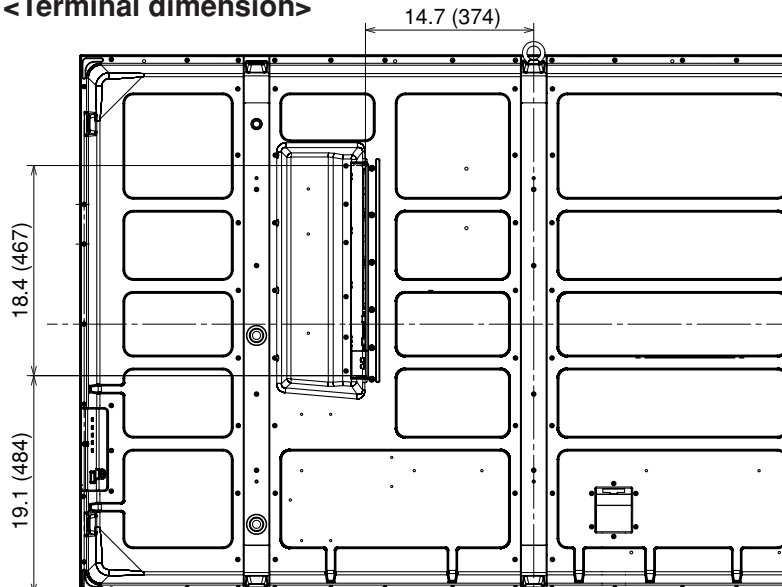
DISPLAY	
Screen Size(Diagonal)	85.3-inch (2,167 mm)
Aspect ratio	16:9
Effective Display Area (W x H)	74.4" x 41.8" (1,889 x 1,062 mm)
Number of Pixels (H x V)	1,920 x 1,080 pixels (1 pixel=3cells for R, G and B)
Pixel Pitch (HxV)	0.0387" x 0.0387" (0.984 x 0.984 mm)
Moving Picture Resolution	1,080 lines *Based on APDC measurement method.
Contrast Ratio	40,000:1
Dynamic Contrast Ratio	2,000,000:1
Gradation	6,144 steps (equivalent)
APPLICABLE SIGNALS	
Scanning format	525 (480) / 60i · 60p, 625 (575) / 50i · 50p, 625(576) / 50p, 750 (720) / 60p · 50p, 1125 (1080) / 60i · 60p · 50i · 50p · 24p · 25p · 30p · 24sF, 1250 (1080) / 50i
PC Signal Compatibility	VGA, SVGA, XGA, WXGA, SXGA, UXGA (Over SXGA resolution : compressed) Horizontal scanning frequency 15-110 kHz Vertical scanning frequency 48 -120Hz
INPUT / OUTPUT	
(Slot 1) Vacant	
(Slot 2) HDMI IN	HDMI TYPE A connector x 2
(Slot 3) COMPONENT IN	BNC x 3 Y/G : with sync 1.0 V[p-p] (75Ω) P _B /B, P _R /R : 0.7 V[p-p] (75Ω)
AUDIO IN (L/R)	RCA pin jack x 2 0.5 V [rms]
(Fixed) PC IN	MINI D-SUB 15PIN x1(Female) Y/G : with sync 1.0 V[p-p] (75Ω) P _B /B, P _R /R : 0.7 V[p-p] (75Ω) HD/VD : 1.0~5.0 V[p-p] (high impedance)
AUDIO IN	Plug & Play (VESA DDC 2B)
SERIAL	M3 JACK x 1
	D-SUB 9PIN x 1 (EXTERNAL CONTROL TERMINAL), RS-232C COMPATIBLE
ELECTRICAL	
Power Requirements	120V AC, 50Hz/60Hz
Power Consumption	1250 W
Power off condition	0.2 W
Stand-by condition	Save OFF : 1.0 W, Save ON : 0.5W
SOUND	
Audio Output	RCA PIN JACK × 2 (L / R) OUTPUT LEVEL : VARIABLE (-∞ ~ 0 dB)
MECHANICAL	
Dimemnsions(W×H×D)	79.4" x 47.1" x 3.9" (2,015 × 1,195 × 99 mm)
Weight	approx. 260.2 lbs. (approx. 118 kg)
Cabinet Color	Black
ENVIRONMENTAL	
Operating environment	
Temperature	32°F to 104°F(0 °C to 40 °C)
Humidity	20% to 80% (Non condensation)
Altitude	0 to 9,100 feet (0 to 2,800 m)
Storage environment	
Temperature	-4°F to 140°F (-20°C to 60 °C)
Humidity	20% to 90% (Non condensation)
Altitude	0 to 10,800 feet (0 to 3,300 m)
SAFETY REGULATIONS	
UL6500 Ver.2, NOM approval	
RADIATION REGULATIONS	
FCC Part 15 Class-B, ICES-003, NOM approval	
REMOTECONTROL TRANSMITTER	
Power Requirements	DC 3V (2 x AA Size batteries)
Operation distance	approx. 23 ft (7m) in front pf plasma display
Weight	approx. 3.5 oz (100g) including batteries
INCLUDED ACCESSORIES	
- Operating instruction book - Remotecontrol transmitter - Batteries - Fixing Band	
OPTIONAL ACCESSORIES	
- Wall-hanging bracket(vertical) - Pedestal - Ceiling-hanging bracket - Floor stand - Terminal Boards(LAN control, DVI, etc.)	

Dimensions (Shown with optional Pedestal stand)

Units : inch (mm)



<Terminal dimension>



<Connection terminals>

