

High Definition Plasma Display

TH-85PF12E



<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-inch (2,167 mm)
Aspect ratio	16:9
Effective Display Area(W x H)	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)	0.984 x 0.984 mm
Moving Picture Resolution	1,080 lines *Based on APDC measurement method.
Contrast	40,000:1
Dynamic Contrast	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
IN PUT / OUT PUT	
(Slot 1) Vacant	
(Slot 2) DVI-D IN	DVI x 1
AUDIO IN (L/R)	RCA pin jack x 2 0.5 V [rms]
(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]
LAN control	RJ45 x 1
(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) Plug & Play (VESA DDC 2B)
AUDIO IN	M3 JACK x 1
SERIAL	D-SUB 9PIN x 1 (EXTERNAL CONTROL TERMINAL), RS-232C COMPATIBLE
ELECTRICAL	
Power Requirements	220-240V AC, 50Hz/60Hz
Power Consumption	TBD
Power off condition	TBD
Stand-by condition	TBD
SOUND	
Audio Output	RCA PIN JACK × 2 (L / R) OUTPUT LEVEL : VARIABLE (-∞ ~ 0 dB)
MECHANICAL	
Dimemnsions(W×H×D)	2,015 × 1,195 × 99 mm
Weight	approx. 130.0 kg
Cabinet Color	Black
ENVIRONMENTAL	
Operating environment	
Temperature	0 °C to 40 °C
Humidity	20% to 80% (Non condensation)
Altitude	0 to 2,800 m
Storage environment	
Temperature	-20°C to 60 °C
Humidity	20% to 90% (Non condensation)
Altitude	0 to 3,300 m
SAFETY REGULATIONS	
EN60065 Ver.7	
RADIATION REGULATIONS	
EN55022 Class-B, EN55024 EN61000-3-2, EN61000-3-3	
REMOTE CONTROL TRANSMITTER	
Power Requirements	DC 3V (2 x R6(UM3) Size batteries)
Operation distance	approx. 7m in front pf plasma display
Weight	approx. 100g including batteries
INCLUDED ACCESSORIES	
- AC power cord - Operating instruction book - Remotecontrol transmitter - Batteries - Fixing Band	
OPTIONAL ACCESSORIES	
- Wall-hanging bracket(vertical) - Pedestal - Ceiling-hanging bracket - Floor stand - Terminal Boards	

■ Dimensions (Shown with optional Pedestal stand)

Units : mm

