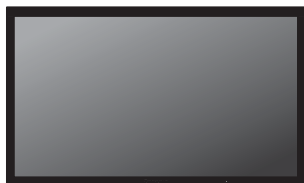


# High Definition Plasma Display

# TH-103PF12U

## Product summary



- 103-inch 1080p High Definition Plasma Display for professional use.
- Equipped with three interchangeable slots-provide flexible and powerful systemsolution by adding/exchanging wide variety of optional slot-in boards.
- Available with various unique professional features-Weekly Command Timer, Dualpicture mode, Digital zoom, Built-in video wall image enlarger, etc..
- Various Energy-saving functions-DPMS, Auto power off, power save mode, etc...
- This is Low-reflection model.

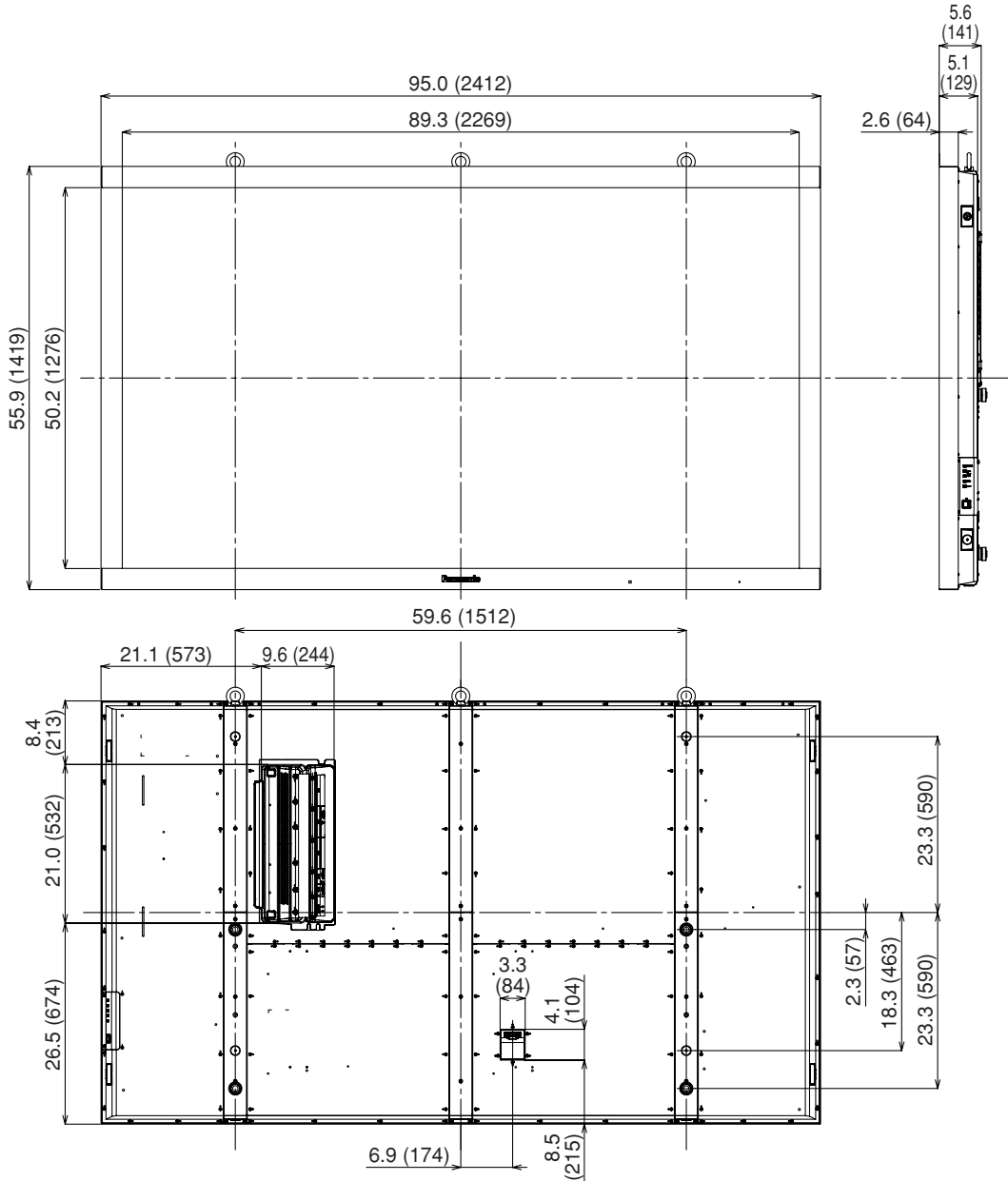
Note: Dual picture mode cannot handle the following combinations of two analog signals  
Component -Component, Component - PC (RGB), PC (RGB) - Component, PC (RGB) -PC (RGB)

## Product specification (Design and specifications subject to change without notice)

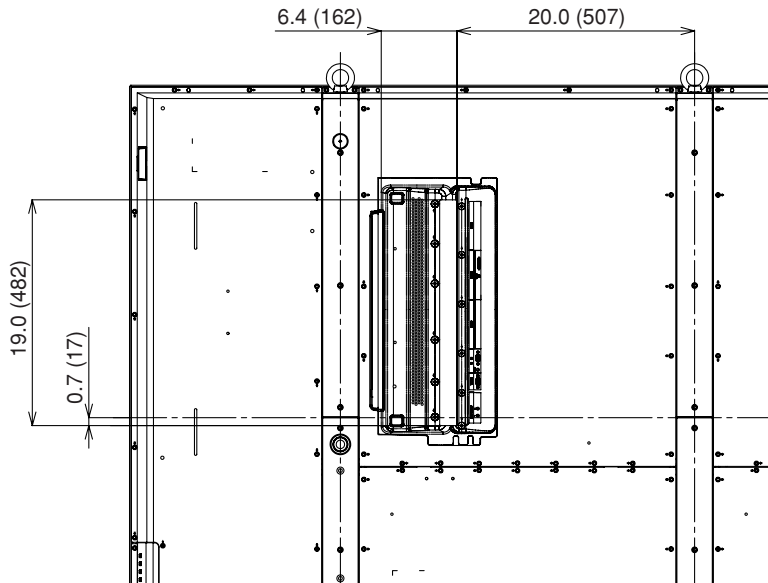
DISPLAY	
Screen Size (Diagonal)	102.5-inch (2,603 mm)
Aspect Ratio	16:9
Effective Display Area (W x H)	89.3" x 50.2" (2,269 x 1,276 mm)
Number Of Pixeis (H x V)	1,920 x 1,080 pixels (1 pixel = 3cells for R, G and B)
Pixel Pitch (H x V)	0.046" x 0.046" (1.182 x 1.182 mm)
Moving Picture Resolution	1,080 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 - 120 Hz
INPUT / OUTPUT	
(Slot1) Vacant	
(Slot2) HDMI IN	HDMI TYPE A connector x 2
(Slot3) COMPONENT IN	BNC x 3 Y/G : with sync 1.0 V [p-p] (75 Ω) P <sub>B</sub> /B, P <sub>R</sub> /R: 0.7 V [p-p] (75 Ω)
AUDIO IN (L/R)	RCA pin jack x 2 0.5 V [rms]
(Fixed) PC IN	MINI D-SUB 15-pin x 1 (Female) Y/G : with sync 1.0 V [p-p] (75 Ω) P <sub>B</sub> /B, P <sub>R</sub> /R: 0.7 V [p-p] (75 Ω) HD/VD : 1.0 ~5.0 V [p-p] (high impedance)
AUDIO IN	Plug & Play (VESA DDC 2B) M3 jack x 1
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	1400 W
Power Off Condition	0.4 W
Stand-by condition	Save OFF: 1.2 W, Save ON: 0.7 W
SOUND	
Audio Out	RCA PIN JACK x 2 (L/R) OUTPUT LEVEL: VARIABLE (-∞ ~ 0 dB)
MECHANICAL	
Dimemnsions (W x H x D)	95.0" x 55.9" x 5.1" (2,412 x 1,419 x 129 mm) (5.6" (141 mm) when including the protruding portion of slot)
Weight	approx. 443.2 lbs. (approx. 201 kg)
Cabinet Color	Black
ENVIRONMENTAL	
Operating Environment	
Temperature	32 °F to 140 °F (0 °C to 40 °C)
Humidity	20 % to 80 % (Non condensation)
Altitude	0 to 7,800 feet (0 to 2,400 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	
REMOTE CONTROL TRANSMITTER	
Power Requirements	DC 3 V (2 x AA Size batteries)
Operation Distance	approx. 23 ft (7 m) in front pf plasma display
Weight	approx. 4.6 oz (130 g) including batteries
INCLUDED ACCESSORIES	
<ul style="list-style-type: none"> <li>• Operating instruction book</li> <li>• Remotecontrol transmitter</li> <li>• Batteries</li> <li>• Fixing band x 2</li> <li>• AC cord</li> <li>• Allen wrench x 1</li> <li>• Eyebolt cap x 3</li> <li>• Blind sheet x 1</li> <li>• Clamper x 1</li> </ul>	
OPTIONAL ACCESSORIES	
<ul style="list-style-type: none"> <li>• Wall-hanging bracket (vertical)</li> <li>• Pedestal</li> <li>• Ceiling-handing bracket</li> <li>• Terminal boards (LAN control, DVI, etc)</li> </ul>	

# ■Dimensions

Cautions: This drawing is not a scale.  
Units : inch (mm)



## <Terminal dimension>



## <Connection terminals>

