

# High Definition Plasma Display

Tentative

# TH - 103PF9UK

## ■ Product summary

- 103" 1080p High Definition Plasma Display for Professional use
- "Super Cinema Mode" - perfectly tuned color setting for true professional users - enables a reference monitor level of color reproduction on native 1080p high resolution panel
- Equipped with three interchangeable slots - provides flexible and powerful system solution by adding/exchanging a wide variety of optional plug-in boards
- New optional plug-in boards are also available to maximize 1080p resolution panel performance - TY-FB9DD, UXGA compatible DVI board (pre-installed when shipped), TY-FB9HD, full 10 bit processing HD-SDI board
- Available with various unique professional features like, Dual picture mode, Digital zoom, Built-in video wall image enlarger, etc...

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

Display	
Screen Size (Diagonal)	103 - inch (216 cm)
Aspect ratio	16:9
Effective Display Area (WxH)	89.3" x 50.3" (2,269 x 1,277 mm)
Resolution (HxV)	1,920 x 1,080 pixels (1pixel=3cells for R,G and B)
Pixel Pitch (HxV)	1.182 x 1.182 mm
Brightness	1,000 cd/m <sup>2</sup>
Contrast Ratio (Bright room)	Max. 5,000:1 (400:1)
Gradation	4,096 steps (equivalent)
Signal Compatibility	
Scan Rate	Horizontal frequency 15-110 kHz Vertical frequency 48 -120Hz
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, UXGA.....(Compressed)
Supported Video Standards	NTSC, PAL, PAL 60, SECAM, Modified NTSC
Video Signal Compatibility	525(480)/60i•60p, 625(575)/50i•50p, 750(720)/60p•50p, 1250(1080)/50i 1125(1080)/60i•50i•24p•24sF•25p•30p•60p•50p... SMTPE274M
Input / Output	
Fixed Terminal	
PC IN	Mini D-sub 15pin x1 Analog RGB/Components * Plug & Play (VESA DDC 1/2B)
AUDIO IN	M3 jack x1
SERIAL	D-sub 9-pin x1 External control, RS-232C compatible
Interchangeable Terminals	
(Slot1) Vacant	
(Slot2:TY-FB9FDD)	DVI x 1
AUDIO IN	M3 jack x1 L / R : 0.5 Vrms
(Slot3:TY-42TM6A)	COMPONENT IN
AUDIO IN(L/R)	BNC x 3 Analog RGB / Components RCA pin jack x 2
ELECTRICAL	
Power Requirements	AC 200 V, 50Hz/60Hz
Power Consumption	1500 W
Power off condition	●● W
Stand-by condition	SAVE OFF ●● W, SAVE ON ●● W
SOUND	
Audio Output	Line out L/R
MECHANICAL	
Dimensions (W x H x D)	95.0" x 55.9" x 5.0" (2,414 x 1,421 x 127.5 mm) (5.6" (141mm) when including protruding portion of slots)
Weight	approx. 474 lbs. (215Kg)
Cabinet color	Black
ENVIRONMENTAL	
Operating environment	
Temperature	32°F — 104°F (0 °C — 40 °C)
Humidity	20 % — 80 % (Non condensation)
Altitude	0 — 7,800 feet (0 — 2,400m)
Storage environment	
Temperature	-4°F — 140°F (-20°C — 60 °C)
Humidity	20% — 90% (Non condensation)
Altitude	0 — 10,800feet (0 — 3,300m)
EMI REGULATIONS	
FCC Part 15 Class-B, ICES-003	
SAFETY STANDARDS	
UL6500 Ver.2	
IR REMOTE CONTROL	
Power Requirements	DC 3V (2 x AA Size dry cells)
Operation distance	approx. 23ft (7m) in front of plasma display
Weight	approx. 4.6oz (130g) including batteries
INCLUDED ACCESSORIES	
•Remote control •Fixing Bandx2 •AC power cord •Operating instruction book	
OPTIONAL ACCESSORIES	
•Wall-hanging bracket ( vertical ) •Pedestal •Terminal boards	

**Panasonic**

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