

High Definition Plasma Display

TH - 103PF9EK

[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-FB9FDD (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 (260.4 cm)	
Aspect ratio	16:9	
Effective Display Area (W x H)	2,269 x 1,277 mm	
Resolution (H x V)	1,920 x 1,080 pixels (1pixel=3cells for R,G and B)	
Pixel Pitch (H x V)	1.182 x 1.182 mm	
Brightness	1,000 cd/m ²	
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, WVGA, WSVGA, XGA, SXGA, XGA+, SXGA+, WXGA, UXGA, WUXGA(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, 1125(1080)/60i•50i•24p•24sF•25p•30p•60p•50p, 1250(1080)/50i	
Input / Output		
Fixed Terminal		
PC IN	Mini D-sub 15pin x1 Analog RGB / Component - Plug & Play (VESA DDC 1/2B)	
AUDIO IN	M3 jack x 1	
SERIAL	D-sub 9-pin x 1 External control, RS-232C compatible	
AUDIO OUT	RCA pin jack x2(L/R) Output level : VARIABLE	
Interchangeable Terminals		
(Slot1) Vacant		
(Slot2:TY-FB9FDD) DVI-D IN	DVI 24 pin x 1	
AUDIO IN	M3 jack x 1 L / R : 0.5 Vrms	
(Slot3:TY-42TM6A) COMPONENT IN	BNC x 3 Analog RGB / Component	
AUDIO IN(L/R)	RCA pin jack x 2	
ELECTRICAL		
Power Requirements	AC 220 - 240 V , 50Hz/60Hz	
Power Consumption	1500 W	
Power off condition	0.5 W	
Stand-by condition	Save Off 1.5 W, Save On 1.3 W	
MECHANICAL		
Dimensions (W x H x D)	2,414 x 1,421 x 129 mm (141mm when including protruding portion of slots)	
Weight	approx. 220 kg	
Cabinet color	Black	
ENVIRONMENTAL		
Operating environment		
Temperature	0 °C - 40 °C	
Humidity	20 % - 80 % (Non condensation)	
Altitude	0 - 2,400 m	
Storage environment		
Temperature	-20°C - 60 °C	
Humidity	20% - 90% (Non condensation)	
Altitude	0 - 3,300m	
RADIATION REGULATIONS		
EN55022 Class-B, EN55024, EN61000-3-2, EN61000-3-3		
SAFETY STANDARDS		
EN60065 Ner.7		
IR REMOTE CONTROL		
Power Requirements	DC 3V (UM3 battery x 2)	
Operation distance	approx. 7m in front of plasma display	
Weight	approx. 130g including batteries	
INCLUDED ACCESSORIES		
- Remote controller - Batteries - Fixing Band x 2 - Power supply cord x 2 - Operating instruction book - Allenwrench - Eyebolt cap x 3		
OPTIONAL ACCESSORIES		
- Wall-hanging bracket (vertical) - Pedestal - Terminal boards		

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