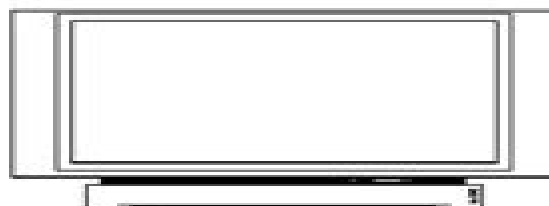


Service Manual

Multi Media Display

PT-50LC13



PbF
Solder Lead free

ITEM	SPECIFICATION		ITEM	SPECIFICATION	
LCD panel	6.5" Polyimide TFT LCD Panel, 300 RGB electric method, using Triacrescent TN crystal panels		Tuner	Broadcast Channels: VHF 2-13, UHF 14-69 CABLE Channels: Midband A through I (14-22) Superband A through W (23-36) Hyperband AA, BB (37-64) Lowband A-G-A-1 (65-69) Sound CABLE channel SA, SB Ultra band 35-64, 100-128	
Drive method	Active Matrix 4.3 Apical Electric panel, TFT (Thin Film Transistor)				
Pixel pitch	901,600 (1,280 x 720) active pixels, 300 pixels (150°)				
HDD Lamp	MC W LED (High Intensity Discharge) Lamp		Connectors	S-Video input: Mini DIN4-pin V-Comp Input: RCA Pin Jack HDMI Input: 15-pin Component Video Input: 3 RCA Pin Jacks DVI Input: DVI-I (24 pins) Audio Input: 1/8 Stereo mini Pin Jack, 2 RCA Pin Jacks (L+R)	
Display	20 inch, 16:9 aspect ratio			S-Video Output: Mini DIN4-pin V-Comp Output: RCA Pin Jack Audio Output: 1/8 Stereo mini Pin Jack, 2 RCA Pin Jacks (L+R)	
Television System	E.A. Standard (525 lines, 60 fields) NTSC Color Signal			SD Card slot: SD Card, MultiMedia Card PC Card slot: Compact Flash, SmartMedia, Memory Stick, xD Picture Card	
Video input signal	1 Vp-p, sync negative, 75 Ω terminated		Speaker	1 Speaker: 50 W (15 W + 15 W) (10% THD)	
S-Video input signal	Y (luminance signal): 1 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): 0.286 Vp-p, 75 Ω terminated				
RGB input signal	Video signal: RGB Analog 0.7 Vp-p, 1.0 Vp-p with blue-green (75 Ω) Sync signal: H/V separate, H/V composite H-Frequency: 15.407 kHz-54.000 kHz (1 TL Level) V-Frequency: 50.000 Hz-60.000 Hz (1 TL Level) Y: 1.0 Vp-p, with sync, 75 Ω R, B: 0.7 Vp-p, 75 Ω YPbPr signal: R-Frequency: 15.75 kHz, V-Frequency: 20.00 Hz B-Frequency: 15.407 kHz, V-Frequency: 55.00 Hz G-Frequency: 15.00 kHz, V-Frequency: 60.00 Hz				
Component video input signal	480 p: 0.7 Vp-p, 75 Ω 480 i: 0.7 Vp-p, 75 Ω 720 p: 1.0 Vp-p, 75 Ω 720 i: 1.0 Vp-p, 75 Ω		Power Source	AC 100V, 50 Hz	
Audio input signal	0.5 Vrms			Power ON: Approx. 300 W (300 W audio is at maximum) Power OFF: Approx. 0.4 W (300 W cooling fan is stopped)	
Audio out	0.5 Vrms			Operating Condition: Temperature: 0 °C-40 °C (32 °F-104 °F) Humidity: 20 %-80 % (non-condensing)	
			Weight	22.8 kg (50.3 lbs.)	
				Dimensions: 491 mm x 307 mm x 388 mm (19.3 x 12.1 x 15.3 inch) x 55-618 mm (21.7 x 24.3 inch)	
				Solder: This model used lead free solder (PbF).	

Weight and dimensions shown are approximate.
Design and specifications are subject to change without notice.

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Rachel S Tattersall



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