

Service Manual

Digital High Definition Plasma Television

TH-42PX600U

GP9DU Chassis



Specifications

Power Source	AC 120 V, 50/60 Hz
Power Consumption	
Maximum	399 W
Standby condition	0.2 W (Without CableCARD™) 14.0 W (With CableCARD™)
Plasma Display panel	
Drive method	AC type
Aspect Ratio	16 : 9
Contrast Ratio	(max) 10000 : 1
Visible screen size (W × H × Diagonal)	109 cm/V
(No. of pixels)	37.1" × 21.3" × 42.8" (944 mm × 542 mm × 1,088 mm) 786,432 [(1,024 (W) × 768 (H)) (3,072 × 768 dots)]
Sound	
Speaker	Woofer φ3.2" (80 mm) × 2 pcs, 8 Ω Speaker 0.9" × 4.0" (23 mm × 100 mm) × 2 pcs, 8 Ω
Audio Output	31 W [13 W + 2.5 W, 13 W + 2.5 W] (10 % THD)
PC signals	VGA, SVGA, XGA SXGA — (compressed) Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz
Channel Capability (Digital/Analog)	VHF/UHF: 2 - 69, CATV: 1 - 135
Operating Conditions	Temperature: 32 °F - 104 °F (0 °C - 40 °C) Humidity: 20 % - 80 % RH (non-condensing)
Connection Terminals	
INPUT 1-3	VIDEO: RCA PIN Type × 1 1.0 V [p-p] (75 Ω) S-VIDEO: Mini DIN 4-pin Y: 1.0 V [p-p] (75 Ω) C: 0.286 V [p-p] (75 Ω) AUDIO L-R: RCA PIN Type × 2 0.5 V [rms]

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Yan Bai



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