

37-INCH HIGH RESOLUTION



CMP307XU

PLASMA
DISPLAY

- High resolution XGA (1024 x 768)
- 4:3 aspect ratio
- 160 degree viewing angle
- Up to 16 million colors
- Multiscan capability (PC Analog RGB)
- Standard video inputs (BNC, S-video)
- Built-in screen savers
- Internal speakers
- Optional tabletop stand
- FCC-B

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PLASMA DISPLAY

CMP307XU

MODEL		CMP307XU
GENERAL		
Power supply		AC100-120V 200-240V
Frequency		50/60Hz
Power consumption		390W (typical)
Dimensions		34.8" (W) x 26.9" (H) x 3.9" (D)
Weight		65 lbs., 9 ozs.
DISPLAY CHARACTERISTICS		
Effective display area		29.6" (horizontal) x 22.2" (vertical)
Aspect ratio		4 : 3
Number of pixels		1024 (horizontal) x 768 (vertical) pixels
Pixel pitch		0.735 (horizontal) x 0.735 (vertical) mm
Number of colors (gray levels)		2.09 million colors (128 gray levels)/16.7 million colors (256 gray levels)
Brightness		150cd/m ² (typical) at white peak (with front filter, 2.09-million-color mode)
Contrast ratio		400 : 1 (typical, no ambient light, 2.09-million-color mode)
Viewing angle		More than 160°
SIGNAL INPUT AND TERMINALS		
Video	Analog (PC) RGB 1	Format/frequency: R, G, B, H, V/Hz: 24 - 80kHz; V: 50 - 75Hz Level/impedance: R, G, B = 0.7Vp-p/75Ω Synchronization: H/V separate sync.: TTL, H/V composite sync.: TTL, G sync.: 0.3Vp-p Connector: 15 pin mini D-Sub
	Analog (PC) RGB 2	Format/frequency: R, G, B, H, V/Hz: 24 - 80kHz; V: 50 - 75Hz Level/impedance: R, G, B = 0.7Vp-p/75Ω Synchronization: H/V separate sync.: TTL, H/V composite sync.: TTL, G sync.: 0.3Vp-p Connector: BNC x 5
	Video 1 composite	Format: video or S-video (NTSC/PAL/SECAM) Level/impedance: 1.0Vp-p/75Ω Synchronization: Composite sync. signal Connector: RCA pin x 1, S terminal x 1
	Video 2 component	Format: Y, PB, PR or Y, CB, CR Level/impedance: Y = 1.0V; PB/CP, PR/CR = 0.7Vp-p/75Ω Synchronization: Weighted on Y signal Connector: RCA pin x 3
Audio		Stereo signal supplied with video 2 input and RGB 1 input: L/R 470mV high impedance Connector: RCA pin (L/R) x 3
Control terminal		Connector: 8 pin mini DIN
SIGNAL OUTPUT		
	Speaker output	2W + 2W (built-in 3.9" x 1.2" speakers x 2)
CONTROLS		
Switches/Buttons		Main Power switch, Sub Power button Adjustment buttons (Input Changeover, Adjustment Menu, Selection, Sound Volume Adjustment)
Main adjustment	Video signal	Contrast, brightness, color, color tone, sharpness
	RGB signal	Contrast, brightness, display size, vertical position, horizontal position, clock frequencies, clock phase
	Audio signal	Volume, balance, high, low, mute
Remote control		Infrared remote control unit provided
Power management		VESA DPMS, International ENERGY STAR® compliant
ENVIRONMENTAL CONDITIONS		
Temperature		Operating temperature: 5 - 35°
Humidity		Operating humidity: 20 - 80% (non-condensation)
REGULATIONS		
Safety		UL1950, CSA C22.2 No.950
EMI		FCC-B
SUPPLIED ACCESSORIES		
		Optional tabletop stand, AC power cable (L = 5' 11"), interface cable (D-Sub 15P connector L = 5' 11") infrared remote control unit (2x AA batteries included), user manual

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