

# 37-INCH HIGH RESOLUTION



PLASMA  
DISPLAY

## CMP307XU

- High resolution XGA (1024 x 768)
- 4:3 aspect ratio
- 160 degree viewing angle
- Up to 16.7 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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| MODEL                             |                                                | CMP307XU                                                                                                                                                                                                                        |
|-----------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GENERAL</b>                    |                                                |                                                                                                                                                                                                                                 |
| 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.                                                                                                                                                                                                                 |
| <b>DISPLAY CHARACTERISTICS</b>    |                                                |                                                                                                                                                                                                                                 |
| 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                        |                                                | 165cd/m <sup>2</sup> (typical)                                                                                                                                                                                                  |
| Contrast ratio                    |                                                | 400 : 1 (typical, no ambient light, 2.09-million-color mode)                                                                                                                                                                    |
| Viewing angle                     |                                                | More than 160°                                                                                                                                                                                                                  |
| <b>SIGNAL INPUT AND TERMINALS</b> |                                                |                                                                                                                                                                                                                                 |
| Video                             | Analog (PC) RGB 1                              | Format/frequency: R, G, B, H, V/Hz: 24 - 80kHz; fV: 50 - 75Hz<br>Level/impedance: R, G, B = 0.7Vp-p/75Ω<br>Synchronization: H/V separate sync.: TTL, H/V composite sync.: TTL, G sync.: 0.3Vp-p<br>Connector: 15 pin mini D-Sub |
|                                   | Analog (PC) RGB 2                              | Format/frequency: R, G, B, H, V/Hz: 24 - 80kHz; fV: 50 - 75Hz<br>Level/impedance: R, G, B = 0.7Vp-p/75Ω<br>Synchronization: H/V separate sync.: TTL, H/V composite sync.: TTL, G sync.: 0.3Vp-p<br>Connector: BNC x 5           |
|                                   | Video 1 composite                              | Format: video or S-video (NTSC/PAL/SECAM)<br>Level/impedance: 1.0Vp-p/75Ω<br>Synchronization: Composite sync. signal<br>Connector: RCA pin x 1, S terminal x 1                                                                  |
|                                   | Video 2 component                              | Format: Y, PB, PR or Y, CB, CR<br>Level/impedance: Y = 1.0V; PB/CP, PR/CR = 0.7Vp-p/75Ω<br>Synchronization: Weighted on Y signal<br>Connector: RCA pin x 3                                                                      |
| Audio                             |                                                | Stereo signal supplied with video 2 input and RGB 1 input:<br>L/R 470mV high impedance Connector:<br>RCA pin (L/R) x 3 sets                                                                                                     |
| Control terminal                  |                                                | Connector: 8 pin mini DIN                                                                                                                                                                                                       |
| <b>SIGNAL OUTPUT</b>              |                                                |                                                                                                                                                                                                                                 |
|                                   | Speaker output                                 | 2W + 2W (built-in 3.9" x 1.2" speakers x 2)                                                                                                                                                                                     |
| <b>CONTROLS</b>                   |                                                |                                                                                                                                                                                                                                 |
| Switches/Buttons                  |                                                | Main Power switch, Sub Power button<br>Adjustment buttons (Input Changeover, Adjustment Menu, Selection, Sound Volume Adjustment)                                                                                               |
| Main adjustment                   | Video signal<br>RGB signal<br><br>Audio signal | Contrast, brightness, color, color tone, sharpness<br>Contrast, brightness, display size, vertical position, horizontal position, clock frequencies, clock phase<br>Volume, balance, high, low, mute                            |
| Remote control                    |                                                | Infrared remote control unit provided                                                                                                                                                                                           |
| Power management                  |                                                | VESA DPMS, International ENERGY STAR® compliant                                                                                                                                                                                 |
| <b>ENVIRONMENTAL CONDITIONS</b>   |                                                |                                                                                                                                                                                                                                 |
| Temperature                       |                                                | Operating temperature: 5 - 35°                                                                                                                                                                                                  |
| Humidity                          |                                                | Operating humidity: 20 - 80% (non-condensation)                                                                                                                                                                                 |
| <b>REGULATIONS</b>                |                                                |                                                                                                                                                                                                                                 |
| Safety<br>EMI                     |                                                | UL1950, CSA C22.2 No.950<br>FCC-B                                                                                                                                                                                               |
| <b>SUPPLIED ACCESSORIES</b>       |                                                |                                                                                                                                                                                                                                 |
|                                   |                                                | AC power cable (L = 5' 11"), interface cable<br>(D-Sub 15P connector; L = 5' 11") infrared remote control<br>unit (2x AA batteries included), user manual                                                                       |

\* In some cases, the correct on-screen display may not be achieved due to incompatibilities between the display and the video board or connecting cable. In such cases, please adjust the H. POSITION, V. POSITION, CLOCK and/or PHASE settings.  
\* Moving pictures may not be displayed correctly if the vertical component of the input signal has a frequency of more than 60Hz. \* This device is designed to distinguish between signals representing horizontal frequency, vertical frequency, horizontal synchronous signal polarity and vertical synchronous signal polarity. However, in the case that all of these signals have identical or similar values, although they are different signals they may be treated as the same signal. \*Please note that in some cases when straight-line pixels are displayed at a resolution of more than 512 lines, the thickness of characters and lines may become uneven.

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•When a plasma display is turned on, minute dots light up on the screen. Please be aware that in some parts of the screen may not light, while in other parts dots will always light. This is normal and is not a malfunction. •Please remember that existing images or programs that you display may be protected under copyright law. Compressing or enlarging images for commercial purposes or public display including in cafeterias, hotels, etc., without authorization could be a violation of the rights of the author or copyright holder. Please be sure to obtain any permission required from the copyright holder. •Do not expose this product to vibration or impact shock, as in some cases this may cause abnormal operation. •To prevent overheating of the plasma panel, an air cooling system is used. To assure proper operation of this system, the plasma display should be installed and operated in a vertical position. If the display is installed horizontally or at an excessive angle, heat may not be effectively dissipated and overheating could occur. This could lead to a malfunction. •Do not display the same image or characters continuously for a long period. If you do so, this may cause changes in the visual display elements, resulting in the formation of permanent afterimage. •In the case that this display is used in a location subject to external lighting, special consideration should be paid to the installation location, etc., in accordance with the situation. •All on-screen images shown in this catalog are simulated.

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