



## **CMP4221U**

### 42-Inch High Definition Professional Plasma Monitor

The CMP4221U represents the latest generation of Hitachi plasma panel development. The unit offers improved brightness and stunning image reproduction capabilities.

The design is optimized to offer a wide range of interface options and provide both HDMI and standard VGA analog computer interfaces.

The HDMI supports both internal audio and is equipped with a 3.5mm stereo mini jack for supporting external audio when DVI-to-HDMI support is required. The serial interface is a RS232C compliant and supports all current commercial control hardware. The remote control is optimized to support discrete commands and a minimum instruction set. The OSD offers a wide array of picture controls that include auto adjust features for PC operation.

- 1,024 x 1,024 Resolution
- HDMI Version 1.1 Support
- Independent H/V Scalers
- Advanced Color Control
- Improved Brightness
- Dual S-Video Inputs
- Dual Component Inputs
- Dual Composite Inputs
- Composite Output
- Discrete IR Inputs
- OSD Key Lock Function
- Sleep Timer
- Life Extension Modes
- RS232C Interface
- Universal Power Supply
- Optional Table Top Stand
- Optional Speakers
- Optional Wall Mount
- FCC Class B Compliant

# CMP4221U

42-Inch High Definition Professional Plasma Monitor

The CMP4221U is designed to offer exceptional performance in both PC graphic and video applications. The unit uses an advanced multiple circuit interface that optimizes performance across a wide range of Industrial and professional audio/video environments. The HDMI interface with separate stereo interface assures support of DVI and HDMI standards. The independent horizontal and vertical scalers create the best possible scaling capability for image size. The universal power supply ensures that the unit is compliant to all standard power sources in both the industrial and commercial environments. The advanced image color filter allows accurate reproduction of virtually all PC and video images.

## Specifications

### General

Power Supply ..... AC 100-120V & 200-240V 50/60Hz  
 Power Consumption ..... 340W typical (without audio input)  
 Dimensions (HxWxD) ..... 25 1/16 x 40 9/16 x 3 9/16 in.  
 635 x 1030 x 91 mm

Weight ..... 75 lbs. (34 kg)  
 Color ..... Black

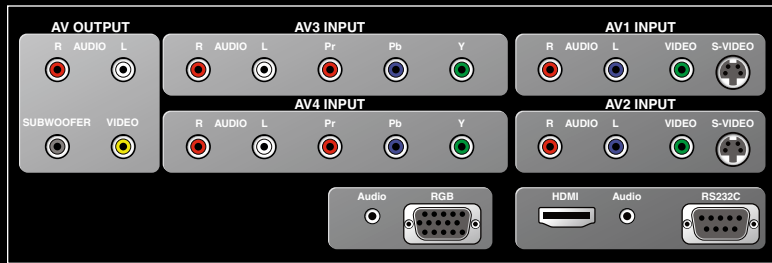
### Display Characteristics

Effective Display Area (WxH) ..... 36 1/4 x 20 7/16 in.  
 920 x 518 mm

Aspect Ratio ..... 16:9  
 Pixel Count (HxV) ..... 1,024 x 1,024  
 Pixel Pitch (HxV) ..... 0.90 x 0.51 mm  
 Colors/Gray Levels ..... 16.7 million (256 gray levels)  
 Brightness ..... 1,400 cd/m2 (at panel before filter)  
 Viewing Angle ..... More than 160°

### Signal Compatibility

Computer ..... The CMP4221U features a native resolution of 1,024 x 1,024. For this reason it is necessary to compress some high resolution images such as SXGA and UXGA



Optional floor stand CMPAD24



Optional side-mounted speakers CMPAS24



### Analog (PC) Input Terminals

Format/Frequency ..... R, G, B, H, V fh: 31~91KhZ  
 fV: 56~85Hz  
 (preset signal timings only)  
 Level/Impedence ..... R, G, B = 0.7Vp-p/75 ohms  
 Synchronization ..... H/V separate sync: TTL,  
 H/V composite sync  
 TTL, G sync ..... 0.3 Vp-p  
 Video Connector ..... D-Sub 15-pin x 1  
 Audio Connector ..... 3.5mm stereo mini-jack x 1

### HDMI (PC/HDTV) Input Terminals

Video Format ..... HDMI 1.1  
 Connector ..... HDMI

### AV Input/Output Terminals

AV1/AV2 Inputs  
 Video ..... S-Video x 1 & composite RCA x 1  
 Audio ..... RCA x 2  
 Video Format ..... NTSC/N-PAL  
 AV3/AV4 Inputs  
 Video ..... Component RCA x 3  
 Audio ..... RCA x 2  
 Video Format ..... 480i/p, 1080i/60, 720p/60  
 Control Terminal ..... D-Sub 9 pin x 1  
 AV Output  
 Video ..... Composite RCA x 1  
 Audio ..... RCA x 2 and RCA x 1 Subwoofer  
 Video Format ..... NTSC

### Environmental Conditions

Temperature ..... 5~35°C /41~95°F  
 Humidity ..... 20~80% RH (non-condensation)

### Regulations

Safety ..... No.60065-03 UL60065:2003  
 CAN/CSA-C22.2  
 EMI ..... FCC Class B

All specifications and dimensions are subject to change without notice.  
 Refer to [www.hitachi.us/tv](http://www.hitachi.us/tv) for updated custom installation specifications.  
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