

DUKANE

Plasma Display Panel Model P42



42 Inch Display

1024 X 1024 Resolution

700:1 Contrast Ratio

16.7 Million Colors

Viewing Angle of over
160 Degrees

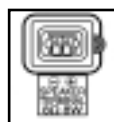
Only 3.5 Inches Deep

The P42 is a fantastic color plasma display panel of 42-inch diagonal that is extremely easy to use and provides brilliant sharp color images. It has a brightness and picture similar to a conventional CRT monitor, but a depth of only 3.5 inches. Due to its thin size and relatively lightweight, it can be wall mounted, put on a table stand, or held by an arm. This self-contained flat display is effectively a computer monitor or high definition TV. It can display standard computer images, progressive video, HDTV, or conventional TV images.

The P42 is a special panel with a high resolution of 1024 (horizontal) by 1024 (vertical) pixels. This is the vertical resolution needed for the 1080 HDTV signal, which has 1080 vertical lines. The panel also has a wide 16:9 aspect ratio, which is standard for HDTV and most movies. The image is easy to view from the side without any change in brightness. Also, for sound there is a built-in stereo amplifier with 8 watt outputs.

Other features include a full function IR Remote Control that can be used to select from the 2 computer and 2 video inputs. With superior HDTV image quality, extra high resolution, and compatibility to almost all image sources, this panel is the perfect display solution for your conference room, court room, lounge, lecture hall, lobby, or wherever images and information are needed in a facility.

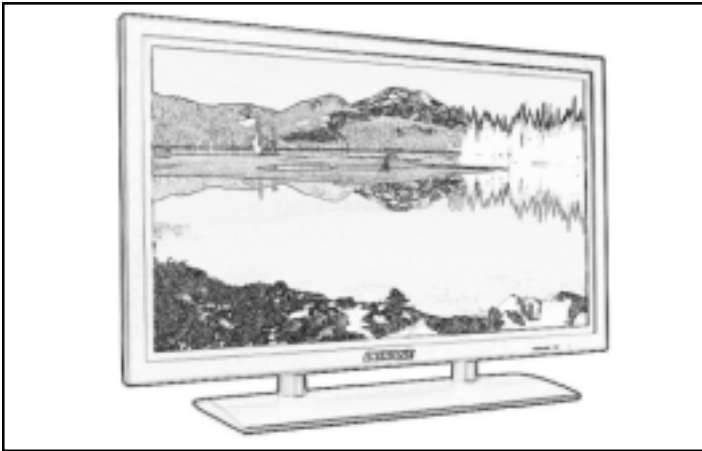
Only
3.5"
Wide



Speaker
connections



Inputs are easily accessible on the rear of panel



Specifications (Specifications are subject to change without notice)

Plasma Display Panel

| | |
|--------------------------------------|--|
| Display, diagonal | 42 inches |
| Display Area | 36.4" (H) X 20.6" (V) |
| Resolution, pixels | 1024 (H) X 1024 (V) |
| Pixel Pitch | 0.9mm (H) x 0.51mm (V) |
| Aspect Ratio | 16:9 |
| Number of colors | 16.7 Million, 24 bit |
| Contrast Ratio | 700:1 Typ. |
| Brightness | 360cd/sq m |
| Viewing Angle | Over 160 degrees |
| Computer Signal Compatibility | VGA, SVGA, XGA, SXGA UXGA, Apple 1152 x 870 |
| Video Compatibility | NTSC, PAL, SECAM, S-Video, Composite, Component, HDTV (1080i, 720p, 1035i, 480p, 575p, 480i) |
| Inputs, Computer | (1) RGB 1, 15 pin D-sub (1) RGB 2, BNC X 5 (2) Audio, 3.5mm Mini jack, stereo |
| Inputs, Video | (1) Component, BNC X 3 (1) Composite, BNC X 1 (1) S-Video (2) Audio, RCA X 2 (L/R) |
| Input, Control | (1) 8 Pin mini DIN, RS-232 |
| Output, Video | Composite, BNC X 1 |
| Output, Audio | Speaker 8W x 2, 8 ohm, clip |
| Operating Temperature | 5 - 35°C |
| Power | AC 100 -120 VAC, 200 - 240 VAC, 50/60 Hz, 380W |
| Size (W x H x D) | 40.6" x 25.5" x 3.5" |
| Weight | 68.2 lbs |
| Shipping Weight | 86 lbs. |
| Carton Size (WxHxD) | 17" x 33" x 49" |
| Safety/EMI | UL, CSA/FCC Class B |
| Accessories Included | Remote control , Batteries, Power cord, Interface cable, Users Manual, |
| Optional Accessories | Tabletop Stand, 2 models, Attachable Speakers, Wall Mount |

One year limited warranty on parts and labor.

P42 Dukane Plasma Display Panel

The **P42** is a color plasma display panel of 42-inch diagonal that is extremely easy to use and provides brilliant crisp images. It has a brightness and picture similar to a conventional CRT monitor, but a depth of only 3.5 inches. Due to its thin size and relatively lightweight, it can be wall mounted, put on a table stand, or held by a mounting arm. This self-contained flat display is effectively a XGA computer monitor or high definition TV. It can also display standard computer images, progressive video or conventional TV images.

The **P42** has a special resolution of 1024 (horizontal) by 1024 (vertical) pixels in an aspect ratio of 16 by 9. This is the correct aspect ratio for HDTV and many movie formats. The image has approximately 6 times the clarity of the standard TV image. The panel displays outstanding video images. The ability to display 16 million colors fits both video and computer image requirements. Video images from VCR's, DVD's, and other sources can also be shown. Finally, the image can be viewed over a 160-degree angle cone with the brightness remaining constant.

In addition to a sensational picture, the P42 has built in 8 watt amplifiers that provide stereo sound outputs. For interface with a variety of sources there are two inputs for computer signals and two for video signals. The audio signals that accompany the sources will automatically switch with the selected source. The source selection and sound level can be easily set using the IR remote control unit or by employing the edge mounted controls on the panel.

The inputs consist of standard computer connections via the 15 pin VGA style connector and the RGB - HV plus an audio connector pair. Computer signals in VGA, SVGA, XGA, and SXGA, UXGA format can all be displayed. This includes both the PC and Apple formats. BNC connectors assure a reliable, quality signal, interface.

One video signal can be connected via the composite or s-video connectors and the other by component receptacles. There is a separate audio input for each of the two video inputs. Video signals of NTSC, PAL or SECAM can be displayed along with the component signals from sources as DVD players. Also HDTV signals as 480p, 720p and 1080i can be displayed.

The panel consists of an image area surrounded by a thin stylish dark gray frame. An optional tabletop stand is available. Operation requires only 380 watts and the panel has a universal power supply so it can be operated from power outlets anywhere in the world. There are built in screen savers, gamma correction, color mode selection, a 3D comb filter and numerous other features. Remote control of the panel using a distant PC is possible via the RS-232 link.

The panel is ideal for presentations or dynamic displays in universities, learning resource centers, and special installations where depth is a limitation. It can also be used for point of sale locations, in conference rooms, lobbies, courtrooms, and anywhere a large self-contained display is required.

Audio Visual Products

Dukane Corporation
Audio Visual Products Division
2900 Dukane Drive
St. Charles, IL 60174
Toll Free (800) 676-2485 or 2486
Fax (630) 584-5156
e-mail: avsales@dukane.com

