

DUKANE

Plasma Display Panel Model P50

50 Inch Display

1280 X 768 Resolution

900:1 Contrast Ratio

16.7 Million Colors

Viewing Angle of over
160 Degrees

Only 3.8 Inches Deep

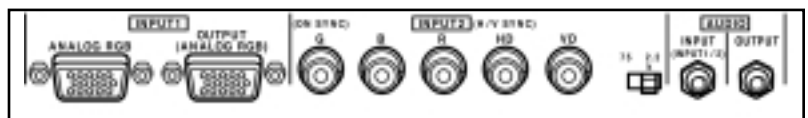


The P50 is a flat super bright color plasma display panel of 50-inch diagonal that provides brilliant crisp images. It has a brightness and picture similar to a conventional CRT monitor, but a depth of less than 4 inches.

Due to its thin size and relatively lightweight, it can be wall mounted, put on a table stand, or held by an arm in the vertical or horizontal position. This self-contained display is effectively a thin computer monitor or high definition TV. It can display standard computer images, progressive video, HDTV, or conventional TV images.

The P50 has a resolution of 1280 (horizontal) by 768 (vertical) pixels in an aspect ratio of 16:9. This is the correct aspect ratio for HDTV and many movie formats. The image has over 4 times the clarity and resolution of standard TV images. The panel with a contrast of 900 to 1, and 16 million-color capability displays stunning rich images. It has 2 computer inputs that accommodate virtually all the interfaces. A video card permits the showing of images from VCR's, DVD's, Standard TV and HDTV sources. The image can be viewed from the side with the brightness remaining constant.

Other features include a full function IR Remote Control that can be used to select the desired image from up to 5 different inputs. With superior image quality and compatibility to a broad range of sources this panel will support superior multimedia presentations or provide that special display so important to a institution or facility.



Inputs are easily accessible on the rear of panel



P50 Dukane Plasma Display Panel

The **P50** is a flat color plasma display panel of 50-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 under 4 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 display is effectively a thin computer monitor or high definition TV. It can display standard computer images, progressive video or conventional TV images.

The **P50** has a resolution of 1280 (horizontal) by 768 (vertical) pixels in an aspect ratio of 16:9. This is the correct aspect ratio for HDTV and many movie formats. The image has over 4 times the clarity and resolution of a standard TV images. The panel with a contrast of 900 to 1 and 16 million color capability displays brilliant crisp images. It has 2 computer inputs that accommodate virtually all the interfaces. An optional video card permits the showing of images from VCR's, DVD's, Standard TV and HDTV sources. The image can be viewed over a 160 degree angle cone with the brightness remaining constant.

In addition to a sensational picture, the P50 has built in 2 watt amplifiers that provide stereo sound. For interface with a variety of sources there are two inputs for computer signals and three for video sources on the optional video card. 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 input. Computer signals in VGA, SVGA, XGA, SXGA, and UXGA compressed format can all be displayed. This includes both the PC and Apple formats. BNC connectors assure a reliable, quality signal, interface.

On the video card, three video signals can be connected via the composite or s-video connectors. Also component signals can be connected to the 2 computer inputs. There is a separate audio input for 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. A DVI input is also on the card.

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 is operated from power outlets. 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.

Specifications (Specifications are subject to change without notice)

Plasma Display Panel

| | |
|--|--|
| Display, diagonal | 50 inches |
| Display Area | 43.2" (H) X 24.4" (V) |
| Resolution, pixels | 1280 (H) X 768 (V) |
| Video Compatibility | NTSC/PAL/SECAM HDTV 1125, 1080i, 1080p, 720p, 625, 595,525, 480 |
| Aspect Ratio | 16:9 |
| Number of colors | 16.7 Million, 24 bit |
| Contrast Ratio | 900:1 Typ. |
| Brightness | 340cd/sq m |
| Viewing Angle | Over 160 degrees |
| Computer Signal Compatibility | VGA, SVGA, XGA, SXGA, and UXGA Compressed |
| Input 1, Computer | RGB, 15 pin mini D-sub |
| Input 2, Computer | RGB HV, BNC x 5 |
| Input, Audio | Stereo, mini jack |
| Output, for Input 1 | Monitor, 15 pin mini D-sub |
| Output, Audio Speaker | L/R, 8-16 ohm, 2W, wire x 2 |
| Output, Audio to Amp | Stereo, mini jack |
| Control, RS-232 | D-sub, 9 pin |
| Control, Combination | mini DIN pin x 2 |
| Control IN/OUT | monaural mini jack X 2 |
| Operating Temperature | 0-40° C |
| Power | AC 100 -120 VAC, 50/60 Hz, 380W |
| Size (W x H x D) | 48" x 28.2" x 3.8" |
| Weight | 85.8 lbs |
| Shipping Weight | 112 lbs. |
| Carton Size | 17" x 33" x 53" |
| Safety/EMI | UL, CSA/FCC Class B |
| Accessories Included | Remote control , Batteries, Power cord, cable clamps, Users Manual Tabletop Stand, Wall Mount Dukane #110-4058 |
| Optional Accessories | |
| Video Card, Included | |
| Input 3, S-Video | mini DIN 4 pin |
| Audio | L/R, RCA x 2 |
| Input 4, Composite | BNC x 1 |
| Audio | L/R, RCA x 2 |
| Output 4, Composite | BNC, for monitor |
| Input 5, DVI | 24 pin, VESA DDC 2B |
| Component Video by | Inputs 1&2 |
| Speakers Optional, | 636-73, attachable speakers (2) |
| One year limited warranty on parts and labor. | |

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

