Plasma Display Panel
Model P42HC
WVGA

42 Inch Display

852 X 480 Resolution

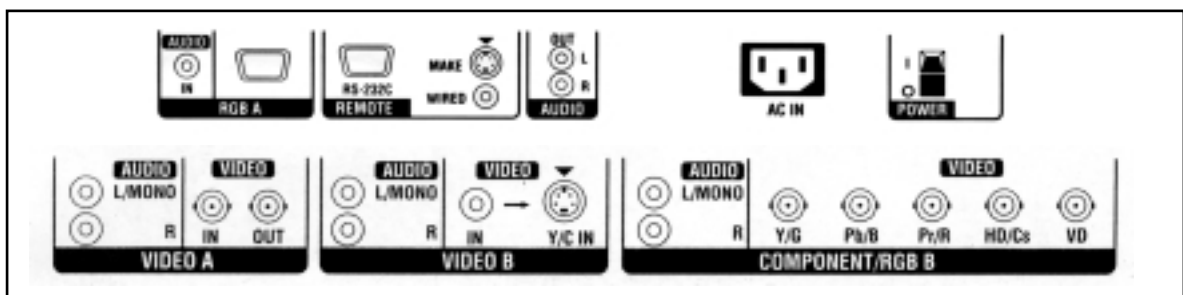3000:1 Contrast Ratio

16.7 Million Colors

Wide Viewing Angle

Only 3.7 Inches Deep

The P42HC is a flat plasma display panel with a 42 inch diagonal area. It 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 3.7 inches. Due to its thin size and relatively light weight, it can be horizontally or vertically wall mounted, put on a table stand, or held by an arm. This self-contained flat display is a computer monitor or high-definition TV. It can display standard computer images, progressive video, HDTV, or conventional TV images.

The P42HC is a special panel with a resolution of 852 (horizontal) by 480 (vertical) pixels. This is the vertical resolution needed for WVGA. The panel 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. For sound, there is a built-in stereo amplifier and internal speakers, plus separate 3 watt outputs.

Other features include a full-function IR Remote Control that can be used to select from the computer and video inputs. With superior HDTV image quality, extra high contrast, 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 3.7" Wide

Inputs are easily accessible on the rear of panel

P42HC
DUKANE

DUKANE ImagePro

Model P42HC
Plasma Display Panel

FAST FAX

Specifications (Specifications are subject to change without notice)

Plasma Display Panel

Display, diagonal	42 inches
Display Area	36.7" (H) X 21" (V)
Resolution, pixels	852 (H) X 480 (V) WVGA
Pixel Pitch	1.1mm (H) x 1.1mm (V)
Aspect Ratio	16:9
Number of colors	16.7 Million, 24 bit
Contrast Ratio	3000:1 Typ.
Brightness	400cd/sq m
Viewing Angle	Over 160 degrees
Computer Signal Compatibility	VGA; SVGA, XGA, compressed SXGA
Speakers	Speakers, In Panel 2x2 watt, stereo
Video Compatibility	NTSC, PAL, SECAM, HDTV (1080i, 720p, 1035i, 480p, 480i, 576i/p)
Inputs, Computer	(A) RGB 1, 15 pin D-sub with audio, stereo mini jack
	(B) RGB 2, BNC X 5, shared, with audio RCA X 2
Inputs, Video	(B) Component, BNC X 3, shared with audio RCA X 2
	(C) Composite, BNC X 1, with audio RCA X 2
	(D) S-Video/composite, mini DIN/RCA with audio RCA X 2
	(2) Audio, RCA X 2 (L/R)
Output, Video	Composite, from input (C), BNC X 1
Output, Audio	Speaker 3W x 2, 8 ohm, clip
Control	RS-232, D-sub, 9 pin, Make terminal (mini DIN 4 pin), Wired remote, stereo mini Jack
Operating Temperature	0 – 40ºC, 32 – 104ºF
Power	AC 100 –120 VAC, 60 Hz, 280W
Size (W x H x D)	40.7" x 25.3" x 3.7"
Weight	77 lbs.
Shipping Weight	95 lbs.
Carton Size (WxHxD)	16" x 33" x 51"
Safety/EMI	UL, C-UL, FCC Class A
Accessories Included	Remote control, Batteries, Power cord, User's Manual,
Optional Accessories	Stand Unit – TS-C420P1W
	Plasma Wall Mount– TS-C420P2W (adjustable 0, 5, 10, 15 degrees)
	Ceiling Mount – TS-C420P3W
	Simple Table Mount – TS-C420P5W
	Fixed Wall Mount – TS-C420P6W
	Landscape Mode Plasma Wall Mount TS-C420P8W
	Cooling Fan Unit – TS-C01FAN

One year limited warranty on parts and labor.

P42HC Dukane Plasma Display Panel

The **P42HC** is a color plasma display panel with a 42-inch diagonal viewing area. It 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 3.7 inches. Due to its thin size and relatively light weight, 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 P42HC has a special resolution of 852 (horizontal) by 480 (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 4 times the clarity of the standard TV image. The panel, with a contrast of 3000 to 1, displays outstanding video images. 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 P42HC has 2 built-in stereo speakers. For interface with a variety of sources, there are two inputs for computer signals and three 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 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, a second by composite or s-video connectors, and the third by component receptacles which are shared with the computer inputs. 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 such as DVD players. Also, HDTV signals 480p, 720p and 1080I can be displayed.

The panel consists of an image area surrounded by a thin stylish dark gray frame. Operation requires only 280 watts. There are built-in screen savers, 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
2900 Dukane Drive
St. Charles, IL 60174
Toll Free (800) 676-2485
Fax (630) 584-5156
e-mail: avsales@dukcorp.com

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