



- 2,700 ANSI lumens
- Native SVGA resolution
- 9.9 lbs
- 2 RGB inputs and RGB output
- Manual zoom/manual focus
- Contrast ratio 400:1
- HDTV theater ready
- FCC class B
- Component/composite/S-video
- Vertical & horizontal keystone correction
- "My screen" (user programmable start-up screen)
- Reverse image function for ceiling mount
- Remote control with mouse and laser pointer
- Whisper mode 36dB
- 16:9 mode
- Digital zoom/freeze function
- Switchable IR receiver for remote controller
- Gamma correction
- Comes with soft case
- Kensington security slot
- Picture in picture

## SPECIFICATIONS

|                                |                      |                                                                                                                                                                                |                               |
|--------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Model name</b>              |                      | <b>CP-S420 series</b>                                                                                                                                                          |                               |
| Liquid crystal panel structure |                      | 0.9" polysilicon active-matrix TFT x 3                                                                                                                                         |                               |
| Number of pixels               |                      | 480,000 pixels (H 800 x V 600)                                                                                                                                                 |                               |
| Resolution                     |                      | 800 x 600 color pixels                                                                                                                                                         |                               |
| Colors                         |                      | 16.7 million colors                                                                                                                                                            |                               |
| Aspect ratio                   |                      | Native 4:3/16:9 compatible                                                                                                                                                     |                               |
| Lens                           |                      | Manual zoom 1:1.3 (F1.74 - 2.08)                                                                                                                                               |                               |
| Throw ratio (distance:width)   |                      | 1.98 ~ 2.56 : 1                                                                                                                                                                |                               |
| Lamp                           |                      | 250W UHB                                                                                                                                                                       |                               |
| Expected lamp life             |                      | Approx. 2,000 hours                                                                                                                                                            |                               |
| Brightness                     |                      | 2,700 ANSI lumens (2,160 ANSI lumens in whisper mode)                                                                                                                          |                               |
| Contrast ratio                 |                      | 400 : 1                                                                                                                                                                        |                               |
| Speakers                       |                      | 1W x 2                                                                                                                                                                         |                               |
| Power supply                   |                      | AC100-120V/AC220-240V 50/60Hz                                                                                                                                                  |                               |
| Power consumption              |                      | 410W                                                                                                                                                                           |                               |
| Operating temperature          |                      | 0° ~ 35°C (32° ~ 95° F)                                                                                                                                                        |                               |
| Input signals                  | RGB                  | VGA, SVGA, XGA, SXGA/UXGA (COMPRESSED), MAC13", MAC16"                                                                                                                         |                               |
|                                | Composite video      | NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM, PAL60                                                                                                                                |                               |
|                                | Component video      | 480i, 575i, 480p, 1,080i, 720p                                                                                                                                                 |                               |
| Acoustic noise level           |                      | 40dB (36dB in whisper mode)                                                                                                                                                    |                               |
| H sync                         |                      | 15kHz ~ 91kHz                                                                                                                                                                  |                               |
| V sync                         |                      | 50Hz ~ 120Hz                                                                                                                                                                   |                               |
| Vertical keystone correction   |                      | Digital keystone +/- 15°                                                                                                                                                       |                               |
| Horizontal keystone correction |                      | Digital keystone +/- 5°                                                                                                                                                        |                               |
| Approvals                      |                      | UL, C-UL, FCC Class-B, CE, TUV                                                                                                                                                 |                               |
| Input/Output terminals         | RGB input            | Analog RGB                                                                                                                                                                     | 15-pin D-sub connector x 2    |
|                                |                      | Audio                                                                                                                                                                          | Stereo mini jack x 2          |
|                                | RGB output           | Audio                                                                                                                                                                          | Stereo mini jack x 1          |
|                                |                      | Analog RGB                                                                                                                                                                     | 15-pin D-sub connector x 1    |
|                                | Video input          | S-video                                                                                                                                                                        | Mini DIN 4-pin connector x 1  |
|                                |                      | Composite video                                                                                                                                                                | RCA jack x 1                  |
| Chassis                        |                      | Component video                                                                                                                                                                | RCA jack x 3                  |
|                                |                      | Audio                                                                                                                                                                          | RCA jack x 2 (L/R)            |
|                                | Control terminals    |                                                                                                                                                                                | 15-pin D-sub connector x 1    |
|                                | Compatible controls  |                                                                                                                                                                                | USB connector (USB mouse) x 1 |
|                                |                      |                                                                                                                                                                                | PS/2, ADB, Serial             |
|                                |                      |                                                                                                                                                                                | RS-232C (Serial)              |
| Replacement parts              | Dimensions           | 14.9" x 4.9" x 10.1" (W x H x D)                                                                                                                                               |                               |
|                                | Weight               | 9.9 lbs.                                                                                                                                                                       |                               |
|                                | Supplied accessories | Remote control with mouse and laser pointer, PS/2 mouse cable, batteries (AA), power cord, RCA component cable, RGB cable, multiple language operator/safety manual, soft case |                               |
| Replacement parts              | Lamp                 | CPX430LAMP (Part #: DT00471)                                                                                                                                                   |                               |
|                                | Remote control       | (Part #: HL01841)                                                                                                                                                              |                               |



| Screen Size 4.3 |        | Throw distance |      |
|-----------------|--------|----------------|------|
| Diagonal*       | Width* | Min*           | Max* |
| 40              | 32     | 62             | 82   |
| 60              | 48     | 94             | 123  |
| 80              | 64     | 127            | 164  |
| 100             | 80     | 160            | 205  |
| 120             | 96     | 192            | 246  |
| 150             | 120    | 241            | 308  |
| 200             | 160    | 323            | 411  |

Throw ratio: 1.98 ~ 2.56:1 (distance:width)

\*: Measured in inches

## CP-S420 series Dimensions (incl.protruding part)

