

# Presentation

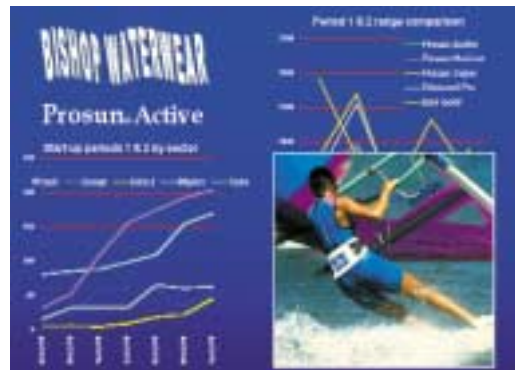
# Power!

Two advanced desktop projectors delivering 2,000 ANSI lumens at XGA or SVGA resolutions.

Aimed at those giving sophisticated and professional presentations, the CP-X960A and CP-S860 both deliver 2,000 ANSI lumens. With resolutions of XGA and SVGA respectively, they are housed in the same modern cabinet and at only 5.9kg are light enough to be easily portable.

## Extensive Features

The CP-S860 and CP-X960A offer a wealth of facilities to improve the quality and smooth the continuity of your presentations. The remote control unit includes a laser pointer and gives complete control of major functions. "Image freeze" holds the current image, avoiding a blank or flickering screen when switching between inputs, while the digital zoom facility enlarges a selected area of the screen for easier viewing. The picture in picture feature will enhance any presentation by running a video sequence in a window overlying the main image. The picture window can be resized and positioned from the remote control unit.



Picture-in-Picture puts video action over computer output



Digital keystone correction means the projected image can be adjusted to eliminate the distortion caused by projector inclination.

## Flexible Input

Virtually every signal source and combination is catered for by these versatile projectors. Image and audio outputs from two computers (PC or Mac) can be connected simultaneously, and the projector switched between them. Intelligent resizing by the built in Pixelworks chip means that the XGA resolution CP-X960A automatically compresses SXGA or expands VGA and SVGA to display even small text without loss of clarity. Similarly, the CP-S860 adjusts VGA and XGA to its native resolution of SVGA.

Video input is just as comprehensively covered with PAL, NTSC and SECAM compatibility. In addition to a composite video input there is an S-video input to handle output from S-VHS devices and again both inputs can be simultaneously connected and the projector switched between them. Finally there is an RGB output connector which allows the projector output, whether computer or video to be displayed on a monitor screen.

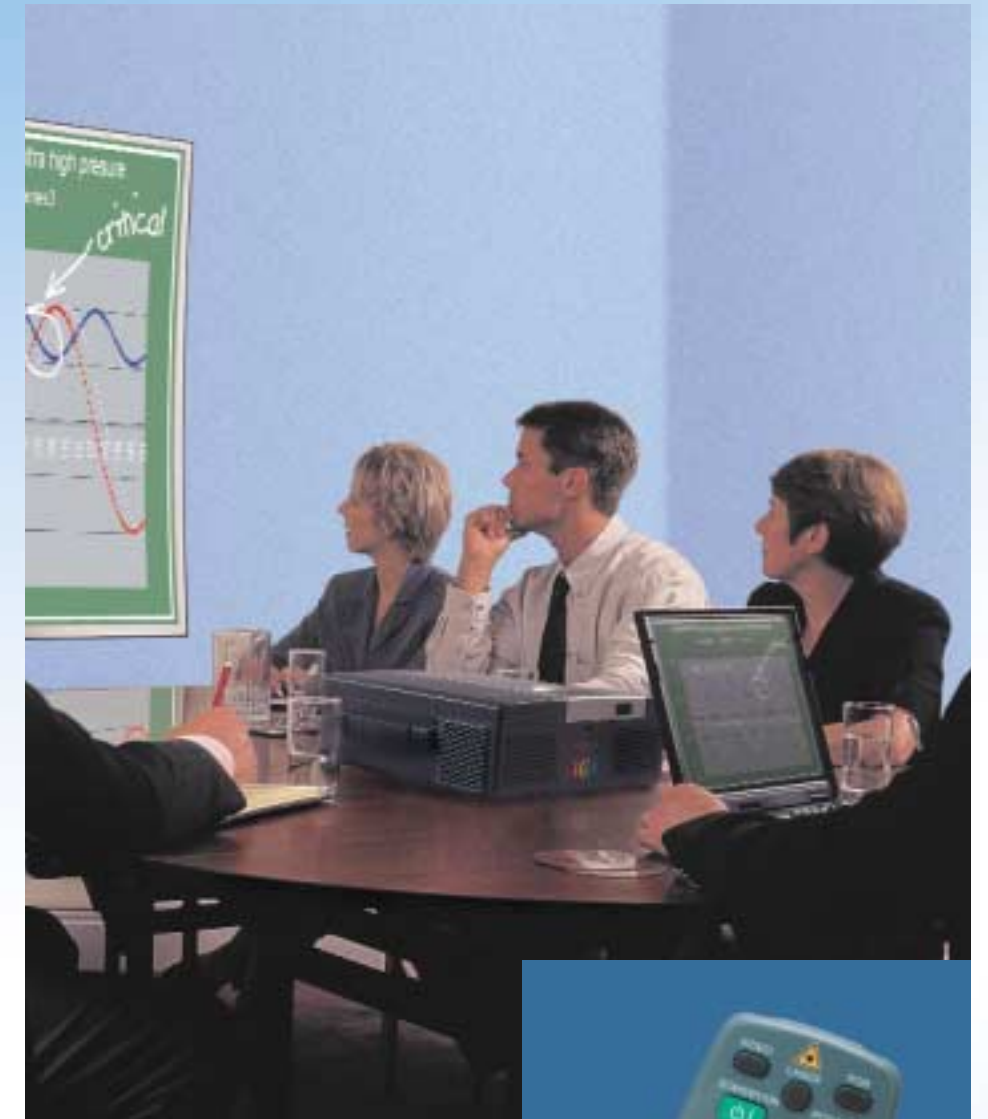


## Easy Setup

These projectors are fully Plug & Play compatible and feature an auto setup mode which automatically synchronises to the selected input signal. Both models include digital keystone correction, ideal for installation in meeting or conference rooms.

This, coupled with power zoom and power focus from the remote unit, allows rapid picture adjustment to suit the screen position.

Other functions providing fine image adjustment are accessed via the 8 language on screen menu which includes colour balance and gamma correction.



## CP-S860/CP-X960A Technical Specifications

### OPTICAL

Structure	3 LCD panels, one lens, RGB shutter
LCD Panel	3 x 1.3", P-Si TFT active matrix
RGB resolution	1024 x 768 (XGA, CP-X960A) 800 x 600 (SVGA, CP-S860)
Video resolution	400 TV lines
Brightness	2000 ANSI lumens
Colour	8-bit colour (16.7 million colours)
Contrast ratio	200:1 typ
Projection distance	1.1m ~ 11m
Lens	F1.7 ~ 2.3, f=38 ~ 50mm
Aspect ratio	4:3
Display size	30" to 300"
Keystone	20:1 upward $\pm$ 10% digital adjustment
Lamp	190W, UHB type
Lamp life	2000 hours

### COMPATIBILITY

Video	Full PAL, NTSC and SECAM
Computer	IBM compatible VGA and SVGA, XGA (compressed on CP-S860), SXGA (not CP-S860, compressed on CP-X960A), Macintosh, Power Macintosh, PowerBook, Plug & Play (DDC1/2B)
Horizontal frequency	25 ~ 80kHz (CP-X960A) 25 ~ 60kHz (CP-S860)
Vertical scan rate	56 ~ 120Hz (CP-X960A) 56 ~ 85Hz (CP-S860)

### CONNECTORS

Computer Input	2 x Analogue - D-sub 15-pin 2 x Audio - stereo mini-jack
Video Input	1 x S-Video - Mini-din 4 pin 1 x Composite - phono 2 x Audio - phono L and R
RGB Output	1 x Analogue - D-sub 15-pin
Audio Output	1 x Audio - stereo mini-jack
Control	1 x RS-232C, 1 x D-sub 15-pin 1 x USB

### FEATURES

Zoom	Optical power zoom (1:1.3) Digital 2x magnification
Focus	Power focus
Image control	8 language on screen menu, horizontal & vertical reverse, digital keystone correction, colour correction, Picture in Picture, image freeze
Audio	1.2W stereo, two internal speakers

### PHYSICAL SPECIFICATIONS

Power Supply	90~132V/198~264V, 50/60Hz (CP-X960A) 100~120V/220~240V, 50/60Hz (CP-S860)
Dimensions	289 x 119 x 345mm (W x H x D) excluding legs and lens
Weight	5.9kg

### ACCESSORIES

<b>Included</b>	
Remote control unit with mouse function and laser pointer	
Power cable	VGA cable,
9-pin PS/2 mouse cable	Serial mouse cable
Video/audio cable	Mac adaptor and ADB mouse cable
2 AA batteries	

### Optional

Wide angle lens for shorter projection distances - available built in as a factory option or as a removable converter

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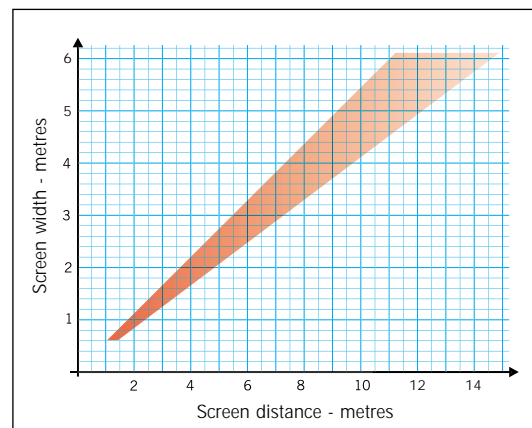
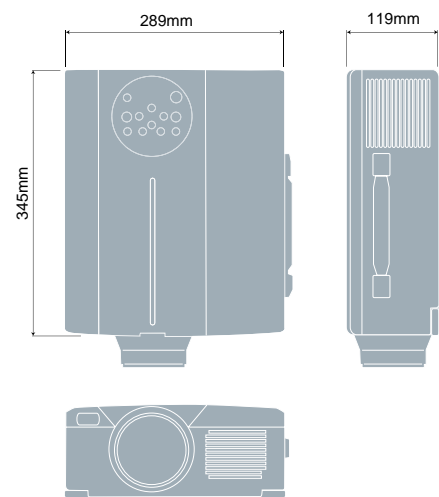


Image size	Projection distance		
	Diagonal	Width	Min
30" (0.76)	0.61	1.1	1.4
40" (1.02)	0.81	1.4	1.9
60" (1.52)	1.22	2.2	2.9
80" (2.03)	1.63	2.9	3.8
100" (2.54)	2.03	3.7	4.9
120" (3.05)	2.44	4.5	5.9
150" (3.81)	3.05	5.6	7.2
200" (5.08)	4.06	7.4	9.8
300" (7.62)	6.10	11.2	14.9

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the desktop

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brighter!



- 2000 ANSI Lumens
- XGA and SVGA versions
- Only 5.9kg