CP-X430

Projector

2500 ANSI Lumens

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- 2500 ANSI Lumens
- XGA Resolution
- Multiple Inputs include DVI and Component Video
- Advanced User Features

For a compact projector weighing only 4.2kg, the CP-X430's output of 2500 ANSI lumens is remarkable. Combined with its XGA resolution this enables the highly portable CP-X430 to deliver dazzling images even in medium to large venues. Advanced features contribute to enhanced presentation quality and make initial setup even easier.

Image quality is superb whether the source is computer or video. Comprehensive inputs include component video and DVI. The CP-X430 includes as standard features such as a remote control with laser pointer and mouse function, digital keystone correction, digital magnification, image freeze, picture in picture and a soft carrying case.

Advanced User Features

The CP-X430 boasts a variety of features which make it easy to use and deliver highly professional presentations. The new MyScreen feature allows the user to store an image for immediate display when the projector is switched on.

Setting up is both easier and more flexible thanks to integrated horizontal and vertical keystone correction, accessed directly via a single button on the unit's control panel.

The CP-X430 incorporates an interchangeable lens of a type which is available from many third party suppliers, allowing users the flexibility to tailor the projector's throw characteristics to suit particular applications.

Multiple Inputs

As shown below, the CP-X430 offers virtually every input connection required to accommodate today's media sources. Video inputs cater for composite, S-video and component video formats, all with stereo audio. On the computer side there are two analogue RGB inputs and a digital visual interface (DVI-D), again with stereo audio. Each input can be simultaneously connected and easily selected from the projector's control panel while the image freeze feature avoids any transient on screen noise during switching. Other connectors include RGB out for a monitor display, RS232C for control by a PC and USB for remote mouse operation.

'Excellent Connectivity to PC's and computer screen'.

CP-X430 XGA

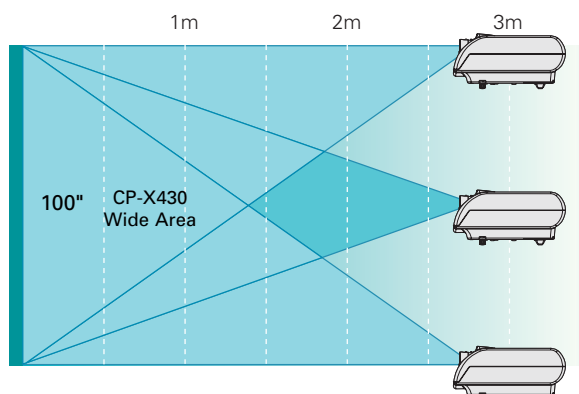## Infra Red Detectors

CP-X430 Infra Red Detectors

Users giving more complex presentations will appreciate the versatility of the CP-X430's remote control setup. For reliable remote control from all directions there are IR detectors at the front, rear and top. When a presentation employs two or more projectors, however, it is important to ensure that the intended projector responds to the handset's command. The CP-X430 handles for this situation by giving the user control over the IR detectors, each of which can be selected or disabled through a menu function.

My Screen Feature

The My Screen feature is a new addition to the startup options which provides for a more professional beginning to a presentation. An area of 360 x 272 pixels can be captured from any displayed image and saved in the projector's non-volatile memory. The captured image is then displayed immediately the projector is switched on, even before any input sources are connected. This enables a company logo for example or a product picture to be shown before the presentation begins. The captured area can be set to display at its original size as illustrated here, at twice that size or expanded to fill the screen.

Horizontal Keystone Correction

Some distortion of the projected image will always occur unless the projector is positioned at right angles to the screen, both vertically and horizontally. Most projectors include some correction for vertical offset as the screen is usually set above the level of the projector. In the CP-X430 adjustment for both vertical and horizontal offsets has been incorporated, easily accessed via a single button on the unit's control panel. This makes setting up easier and more flexible as it is often inconvenient to position the projector immediately in front of the screen at the centre of the audience. This feature means that the projector can be set off to the right or left of the screen and correction easily applied to remove any image distortion.

KEYSTONE

RESET

POWER TEMP LAMP

1m   2m   3m

100"   CP-X430
Wide Area

CP-X430
Technical Specifications

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OPTICAL

Optical Structure	3 LCD panels, one projection lens
LCD Panel	0.9", P-Si active matrix TFT panel x 3
Resolution	Computer: 1024 x 768 (XGA)
	Video: 540 TV lines
Lens	F1.74~2.08, f=36.8~47.8mm
	Manual zoom 1.3x
Lamp	250W UHB
Lamp Life	2000 hours
Brightness (Normal)	2500 ANSI Lumens
(Whisper)	2000 ANSI Lumens
Contrast Ratio	350:1 (typical)
Focus Distance	1.2m~15.7m
Display Size	30"~300"
Colour	8bits/colour, 16.7M colours
Distance to Width Ratio (:1)	1.98 (WIDE), 2.5 (TELE)

COMPATIBILITY

Composite Video	PAL (-BGDHI), PAL-M,N/PAL60, NTSC, NTSC4.43, and SECAM
Component Video	720p and 1080i
Computer	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, SXGA+
	(1365 x 1024) and UXGA (smart resizing)
Plug & Play	DDC1/2B at RGB1
Frequency Range	Horizontal: 15~80kHz, Vertical: 50~120Hz

FEATURES

Keystone Correction	Fixed 20:1 upward shift, plus horizontal and vertical digital correction
My Screen	A user defined image can be stored for automatic display at start up
Image Control	4 x digital magnification, freeze frame, picture-in-picture, mirror reverse & invert image
User Controls	Remote control (with laser pointer), mouse control, 9 language on-screen menu system, auto configuration
Speakers	2 x 1W
Other	Ceiling mountable

CONNECTORS

Computer Input	2 x RGB analogue - 15-pin D-sub
	1 x RGB digital - DVI-D (without analogue)
	2 x Audio - stereo mini-jack
Video Input	1 x S-Video Mini-DIN 4-pin
	1 x Composite Video RCA Jack
	3 x Component Video RCA Jack
	2 x Audio (L&R) RCA Jack
RGB Output	1 x Analogue - 15-pin D-sub
Audio Output	1 x Audio - stereo mini-jack
Control	1 x 15-pin D-sub for mouse (Serial, PS/2, ADB), RS232C (Serial)
	1 x USB for mouse control only

POWER

Power Supply	100~120/220~240V AC, 50/60Hz
Power Consumption	410W

PHYSICAL

Dimensions (W x H x D)	360 x 106 x 256.5mm (excluding feet and extrusions)
Weight	4.5kg
Noise Level	40dB normal, 36dB Whisper mode
Approvals	CE, TÜV, UL, FCC

ACCESSORIES SUPPLIED

Remote Control with laser pointer and mouse function
Soft Carrying Case
Power Cord (US, UK, Europe)
Video/Audio Cable
PS/2 Mouse Cable
RGB Cable
Component Video Cable
Safety Instructions (8 languages)
User Manual (8 languages)

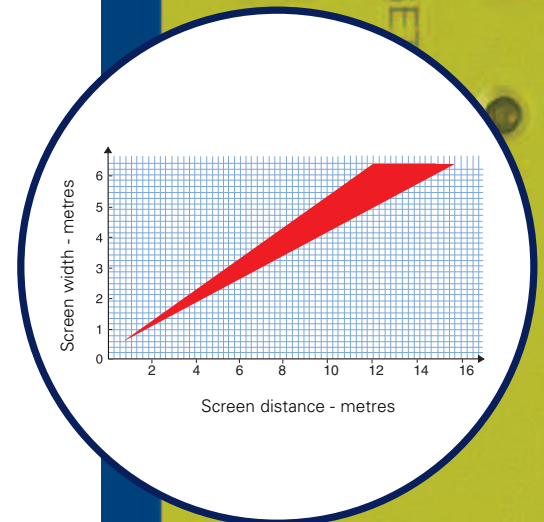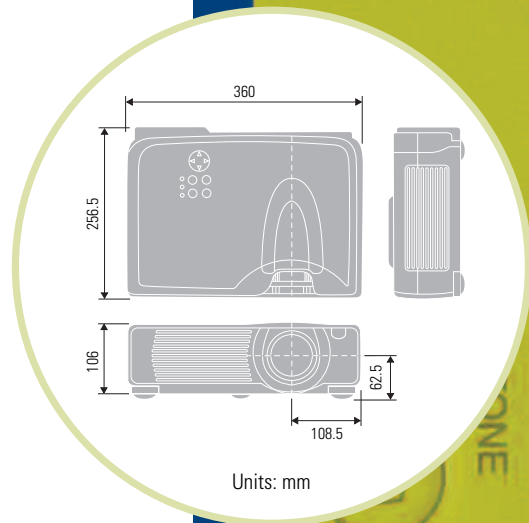### OPTIONAL ACCESSORIES

Wheeled aluminium flight case (FLC300A), accommodates projector and notebook computer,
Replacement Lamp (DT00471)

Units: mm

Screen width - metres / Screen distance - metres

Projector Dimensions

Image Size		Projection Distance	
		CP-X430	
Diagonal	Width (m)	Min (m)	Max (m)
30" (0.76)	0.61	1.2	1.5
40" (1.02)	0.81	1.6	2.1
60" (1.52)	1.22	2.4	3.1
80" (2.03)	1.63	3.2	4.2
100" (2.54)	2.03	4.1	5.2
120" (3.05)	2.44	4.9	6.3
150" (3.81)	3.05	6.1	7.8
200" (5.08)	4.06	8.2	10.4
300" (7.62)	6.10	12.4	15.7

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