CP-EX401

Technical Specifications

COMPUTER IN 1
HDMI
COMPUTER IN 2 / MONITOR OUT
AUDIO OUT
CONTROL
AC
AUDIO IN
VIDEO

b (Top)
c (Bottom)
a
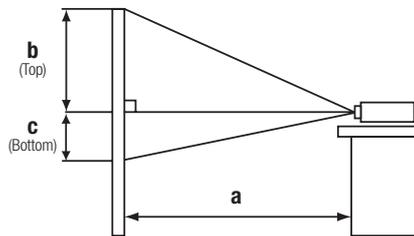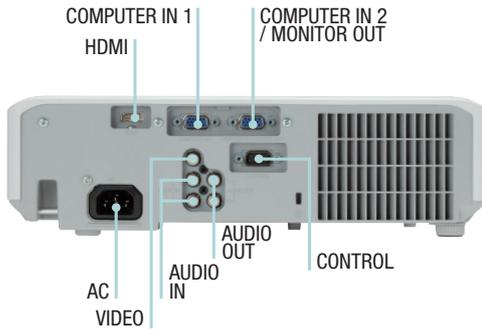
a: Projection distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

OPTICAL	
LCD panel	0.63" (1.6cm) P-Si TFT x3
Resolution	XGA (1024 x 768)
White light output (brightness)	4200 ANSI Lumens (Normal) / 3444 ANSI Lumens (Eco1) / 2814 ANSI Lumens (Eco2)
Colour light output (colour brightness)	4200 ANSI Lumens (Normal) / 3444 ANSI Lumens (Eco1) / 2814 ANSI Lumens (Eco2)
Contrast ratio	2000:1
Lens	Manual focus, manual zoom x1.2
Lamp wattage	225W
Lamp life*	5000 hours (Normal) / 8000 hours (Eco1) / 10,000 hours (Eco2)
Diagonal display size	30" ~ 300" (76cm ~ 762cm)
Number of colours	16.7 million
Keystone correction	Fixed 6:1
Focus distance	0.9m ~ 9.1m (Wide), 1.0m ~ 10.9m (Tele)
Distance to width ratio	1.5 (Wide), 1.8 (Tele)

COMPATIBILITY	
Computer compatibility	IBM Compatibility VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16
Composite / S-video	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component video	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
HDMI video	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
Plug & play	DDC2B (VESA) for Computer & HDMI

FEATURES	
Speakers	1 x 1W (mono)
Picture adjustments	Aspect selection (video, data, HDMI) equalizing digital gamma correction, equalizing colour temperature adjustment, 2-3 pull down for NTSC, Mirror Reverse image, up-side down image, progressive scan, noise reduction, overscan
Advanced features	MyScreen, My Memory, My Button (by remote control), My Text, My Source, picture modes (normal, cinema, dynamic, blackboard, whiteboard, greenboard, daytime, photo), source naming (English), resolution setting, filter timer, stand-by audio, template, Closed Caption (for NTSC & component 480i only), framelock, Eco Mode (Normal, Eco 1 & 2), ImageCare™
Power on & off	Direct on, auto off
Security systems	Security bar, PIN-lock, MyScreen password, key lock (key pad and remote control), Kensington slot, My Text password
OSD languages	33 languages

CONNECTIONS	
Digital input	1 x HDMI (HDCP compatible)
Computer input	2 x 15-pin Mini D-sub
Monitor output	1 x 15-pin Mini D-sub
Video input	1 x RCA for composite
Audio input	1 x pair RCA (L/R)
Audio output	1 x pair RCA (L/R)
Control	1 x 9-pin D-sub for RS-232C control

POWER	
Power supply	AC 100V-120V / AC 220V-240V (50/60 Hz)
Power consumption / standby	300W / 0.5W at saving mode

PHYSICAL	
Dimensions (W x H x D)	320 x 85 x 245mm (excluding feet and extrusions)
Weight	2.9kg
Noise level	37dB (Normal) / 32dB (Eco1) / 29dB (Eco2)
Air filter*	Unwoven

CERTIFICATION
UL60950-1/cUL, FCC Part 15 subpart B class B, CE Marking: EN61000-3-2, EN61000-3-3, EN55022 (class B), EN55024 (EMC directive), EN60950-1 (low voltage directive), WEEE, RoHS, ErP (lot6) compliant, c-tick class B (standard for Austrailia/New Zealand), GS mark

ACCESSORIES SUPPLIED
Remote control with batteries (HL03031), computer cable, power cord, security label, user manual (CD & book)

OPTIONAL ACCESSORIES	
Replacement lamp	DT01481

Warranty	
Projector / lamp	3 Years / 6 Months** (for education and extended warranties please contact your local dealer.)

IMAGE SIZE 4:3 (FROM PROJECTOR'S END)

Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.0	39	7
40" (1.0m)	1.2	1.4	52	9
50" (1.3m)	1.5	1.8	65	11
60" (1.5m)	1.8	2.1	78	13
100" (2.5m)	3.0	3.6	131	22
200" (5.1m)	6.0	7.2	261	44
300" (7.6m)	9.1	10.9	392	65

IMAGE SIZE 16:9 (FROM PROJECTOR'S END)

Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.1	36	1
40" (1.0m)	1.3	1.5	49	1
50" (1.3m)	1.6	1.9	61	1
60" (1.5m)	1.9	2.3	73	2
100" (2.5m)	3.3	3.9	122	3
200" (5.1m)	6.6	7.9	243	6
300" (7.6m)	9.9	11.9	365	9

3LCD   ImageCare   HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

*The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. **Where a lamp fails within warranty and a replacement lamp is taken, the warranty for the replacement lamp will be a maximum of 6 months (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. Crestron® and RoomView™ are registered trademarks or trademark of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.