

INNOVATE

The Future of Projection

Multimedia Projectors

Quick Guide 2009

HITACHI
Inspire the Next

	Education					Installation						Professional Series			
															
	ED-X22	ED-X31	ED-X33	ED-A101	ED-A111	CP-X608**	CP-X615**	CP-WX625**	CP-SX635**	CP-X705**	CP-X809**	CP-X10000*	CP-WX11000*	CP-SX12000*	
SVGA/XGA/WXGA/SXGA+	XGA	XGA	XGA	XGA	XGA	XGA	XGA	WXGA	SXGA+	XGA	XGA	XGA	WXGA	SXGA+	
Resolution	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1280 x 800	1400 x 1050	1024 x 768	1024 x 768	1024 x 768	1366 x 800	1400 x 1050	
Brightness (ANSI Lumens)	2000 (Bright Mode) 1500 (Normal Mode)	2000 (Bright Mode) 1500 (Normal Mode)	2000 (Bright Mode) 1500 (Normal Mode)	2000 (Bright Mode) 1500 (Normal Mode)	2000 (Bright Mode) 1500 (Normal Mode)	4000 (Normal Mode) 3200 (Eco Mode)	4000 (Normal Mode) 3200 (Eco Mode)	4000 (Normal Mode) 3200 (Eco Mode)	4000 (Normal Mode) 3200 (Eco Mode)	4500 (Normal Mode) 3600 (Eco Mode)	5000 (Normal Mode) 4000 (Eco Mode)	7500 (Normal Mode) 6000 (Eco Mode)	6500 (Normal Mode) 5200 (Eco Mode)	7000 (Normal Mode) 5600 (Eco Mode)	
Weight	1.8Kg	3.5Kg	3.5Kg	5.8Kg	5.8Kg	7.1Kg	7.1Kg	7.1Kg	7.1Kg	7.1Kg	7.1Kg	13.1Kg	13.1Kg	13.1Kg	
Liquid Crystal Panel Structure	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.8" TFT x 3	0.8" P-Si TFT x 3	0.75" P-Si TFT x 3	0.8" P-Si TFT x 3	0.8" P-Si TFT x 3	0.8" P-Si TFT x 3	1.3"	1.22"	1.3"	
Contrast Ratio	600:1	600:1	600:1	400:1	400:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	2500:1	2500:1	2500:1	
Noise (Normal/Whisper)	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	39dB/32dB	39dB/32dB	39dB/32dB	
Frequency – fH (kHz)/fV (Hz)	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	
Lens	F1.7–1.9, (f=19.2–23.0mm) Manual Zoom x 1.2	F2.3–2.5, (f=18.9–22.6mm) Manual Focus, Manual Zoom x 1.2	F2.3–2.5, (f=18.9–22.6mm) Manual Focus, Manual Zoom x 1.2	Free shaped lens & motorised free shaped mirror	Free shaped lens & motorised free shaped mirror	F1.7–2.1 (f=24.4–29.3mm) Manual Focus, Manual Zoom x 1.2	F1.7–1.9 (f=24.3–29.2mm) Manual Focus, Manual Zoom x 1.2	F1.7–1.9, (f=24–29mm) Manual Focus, Manual Zoom	F1.7–2.1, (f=24–29mm) Manual Focus, Manual Zoom	F1.7–1.9, (f=24–29mm) Manual Focus, Manual Zoom	F1.7–1.9, (f=24–29mm) Manual Focus, Manual Zoom	Optional	Optional	Optional	
Keystone Correction	Fixed, 6.1 upward shift	Fixed, 9.1 upward shift	Fixed, 9.1 upward shift	Fixed, 10: -2.2 upward shift	Fixed, 10: -2.2 upward shift	Vertical 9:1–1.1, Horizontal 6.4–4.6 at Vertical:1:1 (STANDARD LENS) 9:1upward shift	Vertical 9:1–1.1, Horizontal 6.4–4.6 at Vertical:1:1 (STANDARD LENS) 9:1upward shift	Vertical 10:0–1.1, Horizontal 6.4–4.6 at Vertical:1:1 (STANDARD LENS)	Vertical 10:0–1.1, Horizontal 6.4–4.6 at Vertical:1:1 (STANDARD LENS)	Vertical 9:1–1.1, Horizontal 6.4–4.6 at Vertical:1:1 (STANDARD LENS) 9:1upward shift	Vertical 9:1–1.1, Horizontal 6.4–4.6 at Vertical:1:1 (STANDARD LENS) 9:1upward shift	Varies with lens	Varies with lens	Varies with lens	
Distance to Width Ratio (c1)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.7 (Tele)	1.5 (Wide), 1.7 (Tele)	0.35:1 (Fixed)	0.35:1 (Fixed)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.9 (Tele)	Varies with lens	Varies with lens	Varies with lens	
Speakers	1W Mono	7W Mono	7W Mono	7W Mono	7W Mono	4 x 4W (2 Ch)	4 x 4W (2 Ch)	4 x 4W Mono	2 x 4W	4 x 4W SRS WOW Technology	4 x 4W SRS WOW Technology	No	No	No	
Security Bar	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	
Filter	Normal	Hybrid	Hybrid	Hybrid	Hybrid	Electrostatic	Electrostatic	Hybrid	Hybrid	Electrostatic	Hybrid	Hybrid	Hybrid	Hybrid	
Connectors:															
Computer Input	2 x 15-pin D-sub	2 x 15-pin D-sub	2 x 15-pin D-sub	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub 1 x M1-D with HDCP Decoding	1 x 15-pin Mini D-sub 1 x BNC 1 x HDMI	1 x 15-pin Mini D-sub 1 x BNC 1 x HDMI	1 x 15-pin Mini D-sub 1 x BNC 1 x HDMI	1 x 15-pin Mini D-sub 1 x BNC 1 x HDMI	1 x 15-pin Mini D-sub 1 x BNC 1 x HDMI	2 x 15-pin D-sub 1 x BNC (shared with component) 1 x HDMI (Digital RGB) 1 x DVI-D	2 x 15-pin Mini D-sub 1 x BNC (shared with component) 1 x HDMI (Digital RGB) 1 x DVI-D	2 x 15-pin Mini D-sub 1 x BNC (shared with component) 1 x HDMI (Digital RGB) 1 x DVI-D	
Computer Output	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin D-sub	1 x 15-pin D-sub	1 x 15-pin D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin D-sub	1 x 15-pin D-sub	1 x 15-pin D-sub	
Video Input	1 x RCA Jack (for composite) 1 x S-Video Jack	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x BNC composite 1 x BNC component 1 x component RCA	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x BNC composite 1 x BNC component 1 x component RCA	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x BNC composite 1 x BNC component 1 x component RCA
Audio Input	2 x Stereo Mini Jack	2 x Stereo Mini Jack 1 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 2 x pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 2 x pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 2 x RCA Jack	2 x Stereo Mini Jack 2 x pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 2 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 2 x pair RCA (L/R) (selectable on OSD)	No	No	No	
Audio Output	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	No	No	No	
Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x Serial port IN, 1 x RS232 OUT	1 x Serial port IN, 1 x RS232 OUT	1 x Serial port IN, 1 x RS232 OUT	
Wireless LAN/Wired LAN	No/No	No/No	No/No	No/No	No/No	Yes/Yes	No/Yes	No/Yes	No/Yes	No/Yes	Optional/Yes	No/Yes	No/Yes	No/Yes	
PC-Less Presentation	No	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No	
Mouse Control	USB	USB	USB	No	No	USB	USB	USB	USB	USB	USB	No	No	No	
Wired Remote Control	No	No	No	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	
Compatibility:															
Computer	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA capability, MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	PC, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, MAC 16", HDMI, TMDs clock; 27MHz – 150MHz	PC, VGA, SVGA, XGA, SXGA+, UXGA, MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	Up to UXGA (1600x 1200)	Up to UXGA (1600x 1200)	Up to UXGA (1600x 1200)	
Video	NTSC/PAL(-BGDHI)/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M, N/NTSC4.43	NTSC/PAL/SECAM/PAL-M, N/NTSC4.43	NTSC/PAL(-BGDHI)/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL(-BGDHI)/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M, PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M, PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M, PAL-N/NTSC4.43	
Screen Size	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	60–100" (60" @ 1.8m)	60–100" (60" @ 1.8m)	30–350" (60" @ 1.8m)	30–350" (60" @ 1.8m)	30–350" (60" @ 1.8m)	30–350" (60" @ 1.8m)	30–350" (60" @ 1.8m)	30–350" (60" @ 1.8m)	40–700"	40–700"	40–700"	
Throw Distance	0.9–10.8m	0.9–10.8m	0.9–10.8m	0.42–10.8m	0.42–10.8m	0.9–13.5m	0.9–13.5m	0.9–13.5m	0.9–13.5m	0.9–13.5m	0.9–13.5m	1.0–18.8m	1.0–18.8m	1.0–18.8m	
Dimensions (W x H x D) (excludes lens & legs)	274 x 59 x 205mm	340 x 100 x 270mm	340 x 100 x 270mm	397 x 131 x 356mm	397 x 131 x 356mm	418 x 139 x 319mm	418 x 139 x 319mm	418 x 139 x 319mm	418 x 139 x 319mm	418 x 139 x 319mm	418 x 139 x 319mm	476 x 272 x 469mm	476 x 272 x 469mm	476 x 272 x 469mm	
Standard Accessories:															
Remote Control (with batteries)	Yes	Yes	Yes	Yes	Yes	Yes (with laser pointer)	Yes (with laser pointer)	Yes	Yes (with laser pointer)	Yes	Yes	Yes	Yes	Yes	
RGB Cable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Video Cable (for audio/video)	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	
MI-D Cable (DVI & USB to M1)	No	No	No	No	No	No	No	No	No	No	No	HDMI	HDMI	HDMI	
Soft Case (included)	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	
Replacement Lamp/Lamp Wattage	DT00781/160W (UHB)	DT00911/230W (UHB)	DT00911/230W (UHB)	DT00891/220W (UHB)	DT00891/220W (UHB)	DT00771/275W (UHB)	DT00871/275W (UHB)	DT00873/275W (UHB)	DT00873/275W (UHB)	DT00871/275W (UHB)	DT00871/275W (UHB)	DT01001	DT01001	DT01001	
Projector Warranty	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	
Lamp Warranty	3 Years***	3 Years***	3 Years***	3 Years***	3 Years***	6 Months/2000 Hours***	6 Months/2000 Hours***	6 Months/4000 Hours***	6 Months/2000 Hours***	6 Months/2000 Hours***	6 Months/4000 Hours***	6 Months/3000 Hours***	6 Months/3000 Hours***	6 Months/3000 Hours***	















*CP-X10000, CP-WX11000, CP-SX12000; Optional Lenses - Ultra Short Throw (UL-S01), Short Throw (SL-S02), Short Throw (SL-S03), Standard (SD-S04), Long Throw (LL-S05), Ultra Long Throw (UL-S06). **CP-X615, CP-WX625, CP-SX635, CP-X608, CP-X705 & CP-X809; Optional Lenses - Fixed Short (FL-F01), Short Throw (SL-S02), Long Throw (LL-S03), Ultra Long Throw (UL-S04). *** A free replacement lamp will be issued if the original lamp is less than 3 years old and it has only been used for less than the hours stated on lamp warranty.

*** A free replacement lamp will be issued if the original lamp is less than 3 years old and it has only been used for less than the hours stated on lamp warranty from the date of first use.

In accordance with our policy of constant improvement, we reserve the right to alter specifications of products shown.

Multimedia Projectors

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	Ultra Portable						Multi Purpose									
																
	CP-RX70	CPX1	CPX3	CPX4	CPX5		CP-X301	CP-X306	CP-X308	CP-X401	CP-WX410	CP-X417	CP-X450	CP-X467	CP-A100	
SVGA/XGA/WXGA/SXGA+	XGA	XGA	WXGA	XGA	XGA	SVGA/XGA/WXGA/SXGA+	XGA	XGA	XGA	XGA	WXGA	XGA	XGA	XGA	XGA	
Resolution	1024 x 768	1024 x 768	1280 x 800	1024 x 768	1024 x 768	Resolution	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1280 x 800	1024 x 768	1024 x 768	1024 x 768	1024 x 768	
Brightness (ANSI Lumens)	2000 (Normal Mode) 1500 (Eco Mode)	2000 (Normal Mode) 1500 (Eco Mode)	2000 (Normal Mode) 1500 (Eco Mode)	2000 (Normal Mode) 1500 (Eco Mode)	2500 (Normal Mode) 2000 (Eco Mode)	Brightness (ANSI Lumens)	2600 (Normal Mode) 2100 (Eco Mode)	2600 (Normal Mode) 2100 (Eco Mode)	2600 (Normal Mode) 2100 (Eco Mode)	3000 (Normal Mode) 2500 (Eco Mode)	3000 (Normal Mode) 2500 (Eco Mode)	3000 (Normal Mode) 2500 (Eco Mode)	3500 (Normal Mode) 2800 (Eco Mode)	3500 (Normal Mode) 2800 (Eco Mode)	2500 (Normal Mode) 2000 (Eco Mode)	
Weight	1.7Kg	1.7Kg	1.7Kg	1.8Kg	1.7Kg	Weight	3.5Kg	4.0Kg	4.0Kg	3.6Kg	3.5Kg	4.0Kg	3.6Kg	4.1Kg	5.9Kg	
Liquid Crystal Panel Structure	0.63" P-Si TFT x 3 with micro lens	0.63" P-Si TFT x 3	0.59" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	Liquid Crystal Panel Structure	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.59" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3	
Contrast Ratio	500:1	500:1	500:1	500:1	500:1	Contrast Ratio	500:1	600:1	500:1	600:1	350:1	400:1	600:1	500:1	500:1	
Noise (Normal/Whisper)	35dB/29dB	35dB/29dB	40dB/33dB	35dB/29dB	35dB/29dB	Noise (Normal/Whisper)	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	35dB/29dB	
Frequency – FH (kHz)/IV (Hz)	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	Frequency – FH (kHz)/IV (Hz)	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31.5–106/56–120	31–106/56–120	31.5–106/56–120	31.5–106/56–120	31–106/56–120	
Lens	F1.7–1.9, (f=19.2–23.0mm) Manual Zoom x 1.2	F1.8–1.9, (f=16.4–19.7mm) Manual Zoom x 1.2	F1.7–1.9 (f=19–23mm) Manual Focus, Optical Zoom x 1.2	F1.8–1.9, 1:1.2 Manual Zoom	F1.8–1.9, (f=16.4–19.7mm) Manual Zoom x 1.2	Lens	F1.7–1.9 (f=19.5–23.4mm) Manual Focus, Manual Zoom x 1.2	F1.7–1.9, (f=19.5–23.4mm) Manual Focus, Manual Zoom x 1.2	F1.7–1.9, (f=19.5–23.4mm) Manual Focus, Manual Zoom x 1.2	F1.7–1.8 (f=18.9–22.6mm) Manual Focus, Manual Zoom x 1.2	Manual Focus, Manual Zoom x 1.2	F1.6–1.8 (f=18.9–22.6mm) Manual Focus, Manual Zoom x 1.2	F1.6–1.8 (f=18.9–22.6mm) Manual Focus, Manual Zoom x 1.2	F1.6–1.8 (f=18.9–22.6mm) Manual Focus, Manual Zoom x 1.2	Free shaped lens & motorised free shaped mirror	
Keystone Correction	Fixed, 6:1 upward shift	Digital, Fixed, 6:1 upward shift	Fixed, 10:1 upward shift	Auto vertical keystone	Digital, Fixed, 6:1 upward shift	Keystone Correction	Fixed, 9:1 upward shift	Fixed, 9:1 upward shift	Fixed, 9:1 upward shift	Fixed, 9:1 upward shift	Fixed, 49:1 upward shift	Digital, Fixed, 9:1 upward shift	Fixed, 9:1 upward shift	Fixed, 9:1 upward shift	Fixed, 10: -2.2 upward shift	
Distance to Width Ratio (-1)	1.5 (Wide), 1.8 (Tele)	1.3 (Wide), 1.5 (Tele)	1.8 (Wide), 2.14 (Tele)	1.3 (Wide), 1.5 (Tele)	1.3 (Wide), 1.5 (Tele)	Distance to Width Ratio (-1)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.7 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.7 (Tele)	1.5 (Wide), 1.7 (Tele)	0.35:1 (Fixed)	
Speakers	1W Mono	1W Mono	1W Mono	1 x 1W	1W Mono	Speakers	7W Mono	7W Mono	7W Mono	10W Mono	7W Mono	7W Mono	7W Mono	10W Mono	7W Mono	
Security Bar	No	No	No	No	No	Security Bar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Filter	Normal	Normal	Normal	Normal	Normal	Filter	Hybrid	Hybrid	Electrostatic	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Electrostatic	
Connectors:						Connectors:										
Computer Input	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub 1 x HDMI	1 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	Computer Input	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	2 x 15-pin D-sub	2 x 15-pin Mini D-sub 1 x HDMI	2 x 15-pin D-sub 1 x HDMI (Digital RGB)	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub 1 x HDMI (Digital RGB)	2 x 15-pin D-sub 1 x HDMI (Digital RGB)	
Computer Output	No	No	No	No	No	Computer Output	1 x 15-pin D-sub	1 x 15-pin D-sub	1 x 15-pin D-sub	1 x 15-pin D-sub	1 x 15-pin Mini D-sub	1 x 15-pin D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin D-sub	
Video Input	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x Component (shared with D-sub1)	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x Component (shared with D-sub1)	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x Component (shared with D-sub1)	Video Input	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 1 x RCA Jack (for component)
Audio Input	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	Audio Input	2 x Stereo Mini Jack 1 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack	2 x Stereo Mini Jack 1 x Pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x Pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x Pair RCA (L/R) (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	
Audio Output	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	Audio Output	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	1 x Stereo Mini Jack	
Control	No	No	No	No	No	Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	1 x 9-pin D-sub for RS232 Control	
Wireless LAN/Wired LAN	No/No	No/No	No/No	Yes/Yes	No/No	Wireless LAN/Wired LAN	No/No	No/Yes	Yes/Yes	No/No	No/No	Optional/Yes	No/No	Optional/Yes	No/Yes	
PC-Less Presentation	No	Yes	No	Yes	Yes	PC-Less Presentation	No	No	Yes	No	No	Yes	Yes	Yes	No	
Mouse Control	No	USB	USB	USB	USB	Mouse Control	USB	USB	USB	USB	USB	USB	USB	USB	USB	
Wired Remote Control	No	No	No	No	No	Wired Remote Control	No	No	No	No	No	Yes	No	No	No	
Compatibility:						Compatibility:										
Computer	PC, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	Computer	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 16"	PC, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA/SXGA+, UXGA, MAC 13", MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	PC, Mac, Workstation, VGA, SVGA, XGA, SXGA, UXGA, MAC 16"	
Video	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	Video	NTSC/PAL(-BGDHi)/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/ PAL-M/PAL-N/NTSC4.43	
Screen Size	30–300" (60" @ 1.8m)	30–300" (60" @ 1.5m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.5m, Wide)	30–300" (60" @ 1.5m)	Screen Size	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	30–300" (60" @ 1.8m)	60–100" (60" @ 42cm)	
Throw Distance	0.9–10.9m	0.8–9.3m	0.8–7.6m	0.8–7.8m	0.8–7.8m	Throw Distance	0.9–11.0m	0.9–11.0m	0.9–11.0m	0.9–10.8m	0.9–11.4m	0.9–10.8m	0.9–10.8m	0.9–10.8m	0.42–0.72m	
Dimensions (W x H x D) (excludes lens & legs)	274 x 59 x 205mm	274 x 59 x 205mm	274 x 59 x 205mm	274 x 65 x 205mm	274 x 59 x 205mm	Dimensions (W x H x D) (excludes lens & legs)	340 x 100 x 270mm	340 x 117 x 270mm	340 x 117 x 270mm	340 x 100 x 270mm	340 x 100 x 270mm	340 x 117 x 270mm	340 x 100 x 270mm	340 x 117 x 270mm	397 x 129 x 356mm	
Standard Accessories:						Standard Accessories:										
Remote Control (with batteries)	Yes	Yes	Yes	Yes	Yes	Remote Control (with batteries)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
RGB Cable	Yes	Yes	Yes	Yes	Yes	RGB Cable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Video Cable (for audio/video)	No	No	No	No	No	Video Cable (for audio/video)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
MI-D Cable (DVI & USB to M1)	No	No	No	No	No	MI-D Cable (DVI & USB to M1)	No	No	No	No	No	No	No	No	No	
Soft Case (included)	Yes	Yes	Yes	Yes	Yes	Soft Case (included)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
Replacement Lamp/Lamp Wattage	DT00781/160W (JHB)	DT00781/160W (JHB)	DT00821/190W (JHB)	DT00781/160W (JHB)	DT00821/190W (JHB)	Replacement Lamp/Lamp Wattage	DT00911/230W (JHB)	DT00911/230W (JHB)	DT00841/220W (JHB)	DT00911/230W (JHB)	DT00911/230W (JHB)	DT00841/220W (JHB)	DT00911/230W (JHB)	DT00911/230W (JHB)	DT00891/220W (JHB)	
Projector Warranty	2 Years	3 Years	3 Years	3 Years	3 Years	Projector Warranty	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	
Lamp Warranty	6 Months/2000 Hours***	6 Months/2000 Hours***	6 Months/2000 Hours***	6 Months/2000 Hours***	6 Months/2000 Hours***	Lamp Warranty	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/2000 Hours***	6 Months/4000 Hours***	6 Months/3000 Hours***	6 Months/2000 Hours***	6 Months/4000 Hours***	6 Months/3000 Hours***	6 Months/2000 Hours***	

*CP-X10000, CP-WX11000, CP-SX12000: Optional Lenses - Ultra Short Throw (USL-801), Short Throw (SL-802), Short Throw (SL-803), Standard (SD-804), Long Throw (LL-805), Ultra Long Throw (UL-806). ** CP-X615, CP-WX625, CP-SX635, CP-X608, CP-X705 & CP-X809: Optional Lenses - Fixed Short (FL-601), Short Throw (SL-602), Long Throw (LL-603), Ultra Long Throw (UL-604). *** A free replacement lamp will be issued if the original lamp is less than 6 months old and it has only been used for less than the hours stated on lamp warranty. **** A free replacement lamp will be issued if the original lamp is less than 3 years old and it has only been used for less than the hours stated on lamp warranty from the date of first use. In accordance with our policy of constant improvement, we reserve the right to alter specifications of products shown.