

INNOVATE

The Future of Projection

Multimedia Projectors

Quick Guide 2010

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	Education						Installation					Professional Series						
	ED-X24Z		ED-X40Z/ED-X42Z		ED-X45N		Short Throw		Ultra Short Throw									
	ED-X24Z		ED-X40Z/ED-X42Z		ED-X45N		ED-D10N/ED-D11N		ED-AW100N/ED-AW110N			ED-A101/ED-A111						
SVGA/XGA/WXGA/SXGA+	XGA	XGA	XGA	XGA	XGA	XGA	XGA	WXGA	XGA	XGA	XGA	XGA	XGA	XGA	XGA	WXGA	XGA+	
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	1024 x 768	1024 x 768	1280 x 800	1400 x 1050	1024 x 768	1024 x 768	1366 x 800	1400 x 1050		
Brightness (ANSI Lumens)	2200 (Bright Mode) 1500 (Normal Mode)	2200 (Bright Mode) 1500 (Normal Mode)	2200 (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)	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)	5000 (Normal Mode) 4000 (Eco Mode)	7500 (Normal Mode) 6000 (Eco Mode)	6500 (Normal Mode) 5200 (Eco Mode)	7000 (Normal Mode) 5000 (Eco Mode)		
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	0.55" P-Si TFT x 3	0.59" P-Si TFT x 3	0.63" P-Si TFT x 3	0.8" P-Si TFT x 3	0.8" P-Si TFT x 3	0.75" P-Si TFT x 3	0.79" P-Si TFT x 3	0.79" P-Si TFT x 3	1.3"	1.22"	1.3"				
Contrast Ratio	400:1	500:1	500:1 (TBD)	400:1	400:1	500:1	1000:1	1000:1	1000:1	1000:1	1000:1	2500:1	2500:1	2500:1				
Noise (Normal/Eco)	35dB/29dB	36dB/29dB	36dB/29dB (TBD)	36dB/28dB	36dB/28dB	33dB/28dB	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	31.5-106/56-120	31.5-106/56-120		
Screen Size	30-300" (76-762cm)	30-300" (76-762cm)	30-300" (76-762cm)	60-100" (193-254cm)	60-120" (193-305cm)	60-100" (193-254cm)	30-350" (76-889cm)	30-350" (76-889cm)	30-350" (76-889cm)	30-350" (76-889cm)	30-350" (76-889cm)	40-700" (102-1,778cm)	40-700" (102-1,778cm)	40-700" (102-1,778cm)				
Throw Distance	0.8-10.5m (60" @ 1.7m)	0.9-10.7m (60" @ 1.8m)	0.9-10.7m (60" @ 1.8m)	0.68-1.17m (60" @ 93cm)	0.59-1.27m (80" @ 82cm)	0.42-0.75m (60" @ 42cm)	0.9-13.0m (60" @ 1.8m)	0.9-13.0m (60" @ 1.8m)	0.9-13.0m (60" @ 1.9m)	0.9-13.0m (60" @ 1.8m)	0.9-13.0m (60" @ 1.8m)	100" Screen: 1.0-18.8m (depending on lens)	100" Screen: 1.0-18.8m (depending on lens)	100" Screen: 1.0-18.8m (depending on lens)				
Lens	Manual Focus, Manual Zoom x 1.2	Manual Focus, Manual Zoom x 1.2	Manual Focus, Manual Zoom x 1.2	Manual Focus, Digital Zoom x 1.35	Manual Focus, Digital Zoom x 1.35	Free shaped lens & motorised free shaped mirror	Installation projectors optional lens comparison table					Professional Series projectors optional lens comparison table						
Keystone Correction	Fixed, 5:1 upward shift	Fixed, 9:1 upward shift	Fixed, 9:1 upward shift	Digital shift, Optical lens shift: 5: -1 fixed	Digital shift, Optical lens shift: 5: -1 fixed	Fixed, 10: -2.2 upward shift	Lens name					Lens name						
							Standard (NL-600)					Ultra Short (SL-801)						
							Fixed Short (FL-601)					Short (SL-802)						
							Long Throw (LL-603)					Ultra Long Throw (UL-604)						
							Zoom ratio					Zoom ratio						
							Keystone correction					Keystone correction						
							Focus range (m)					Focus range (m)						
Distance to Width Ratio (-1)	1.4 (Wide), 1.7 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	0.57:1 (Fixed)	0.48:1 (Fixed)	0.35:1 (Fixed)	Image distance (m) @ 100"					Image distance (m) @ 100"						
Physical:							Distance to screen width ratio (-1)					Distance to screen width ratio (-1)						
Weight	3.2Kg	3.5Kg	3.5Kg (TBD)	3.7Kg (TBD)	4.7Kg (TBD)	5.8Kg	7.1Kg	7.1Kg	7.1Kg	7.1Kg	7.1Kg	13.1Kg (without lens)	13.1Kg (without lens)	13.1Kg (without lens)				
Dimensions (W x H x D) (excludes lens & feet)	317 x 98 x 288mm	317 x 98 x 288mm	317 x 98 x 288mm	333 x 103 x 303mm	333 x 111 x 311mm (TBD)	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	476 x 272 x 469mm	476 x 272 x 469mm	476 x 272 x 469mm				
Power Consumption/Standby	260W/<1W	260W/<1W	(TBD)/<1W	(TBD)/<1W	(TBD)/<1W	340W/<5W	460W	460W	460W	460W	460W	540W	540W	540W				
Speakers	1W Mono	1W Mono	16W Mono (TBD)	10W Mono	10W 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	No	No	No				
Security Bar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
Filter	Urethane	Super Hybrid	Super Hybrid	Hybrid	Hybrid	Hybrid	Electrostatic	Electrostatic	Hybrid	Hybrid	Hybrid	Super Hybrid (20,000 hours)	Super Hybrid (20,000 hours)	Super Hybrid (20,000 hours)				
Connectors:																		
Computer Input	1 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	2 x 15-pin Mini D-sub (shared with component video)	
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 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 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 Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	
Video Input	1 x RCA Jack 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) 3 x RCA Jack (for component)	2 x component D-sub (shared with analogue RGB) 1 x RCA (for composite) 1 x Mini-DIN (for S-Video)	2 x component D-sub (shared with analogue RGB) 1 x RCA (for composite) 1 x RCA (L/R) pair (selectable on OSD)	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 3 x RCA Jack (for component)	1 x RCA Jack (for composite) 1 x S-Video Jack 3 x RCA Jack (for component)
Audio Input	1 x Stereo Mini Jack (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)	
Audio Output	1 x Stereo Mini Jack	2 x RCA Jack (L/R)	1 x RCA (L/R) pair	1 x RCA (L/R) pair	1 x RCA (L/R) pair	1 x RCA (L/R) pair	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	No	No	No	
Control	No	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 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/Yes	No/Yes	No/Yes	No/No	Yes/Yes	No/Yes	No/Yes	No/Yes	No/Yes	Optional/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	
PC-Less Presentation	No	No	Yes	No	No	No	Yes	No	No	No	Yes	No	No	No	No	No	No	
Mouse Control	No	USB	USB	No	No	No	USB	USB	USB	USB	USB	USB	No	No	No	No	No	
Wired Remote Control	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Compatibility:																		
Computer	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"	PC, Mac, Workstation, VGA, SXGA, SXGA+, UXGA Compressed, MAC 16"
Video	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60	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	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	
Accessories Included:																		
Remote Control (with batteries)	Yes	Yes	Yes	Yes	Yes	Yes	Yes (with laser pointer)	Yes (with laser pointer)	Yes (with laser pointer)	Yes (with laser pointer)	Yes (with laser pointer)	Yes	Yes	Yes	Yes	Yes	Yes	
RGB Cable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Mi-D Cable (DVI & USB to M1)	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	
Soft Case (included)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
Other	Teacher's remote (TR01)	Teacher's remote (TR01)	Teacher's remote (TR01)	Teacher's remote (TR01)	Teacher's remote (TR01), cable cover	Teacher's remote (TR01), cable cover	Wireless card (WA08331)	No	No	No	No	Wireless card (WA08331)	Lens adaptor (KU00041)	Lens adaptor (KU00041)	Lens adaptor (KU00041)	Lens adaptor (KU00041)	Lens adaptor (KU00041)	
Replacement Lamp/Lamp Wattage	DT01022/190W (UHP)	DT01021/190W (UHP)	DT01021/190W (UHP)	DT01091/180W (UHP)	DT01091/180W (UHP)	DT00893/220W (UHP)	DT00771/285W (UHP)	DT00873/275W (UHP)	DT00873/275W (UHP)	DT00873/275W (UHP)	DT00871/275W (UHP)	DT01001	DT01001	DT01001	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	3 Years	3 Years	3 Years	
Lamp Warranty	3 Years/6000 Hours****	3 Years/6000 Hours****	3 Years/6000 Hours****	3 Years/4000 Hours****	3 Years/4000 Hours****	3 Years/4000 Hours****	6 Months/2000 Hours***	6 Months/2000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	6 Months/4000 Hours***	

*CP-X10000, CP-WX11000, CP-SX12000: Optional Lenses - Ultra Short Throw (UL-801), Short Throw (SL-802), Short Throw (SL-803), Standard (SD-804), Long Throw (LL-805), Ultra Long Throw (UL-604). **CP-X608, CP-X615, CP-WX625, CP-SX635 & CP-X809: Optional Lenses - Standard (NL-600), 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.

