EIKI **LENSES FOR LC-XT5, XT4, XT9, XT3 & UXT3 THEATER PROJECTORS** **November 7, 2007.**

Resolution: XGA (1024x768) or UXGA (1600x1200)
Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
Aperture: 1.451 in. wide

Screen Dimensions.									
H'	4.5	6	7.5	9	10.5	12	15	25	30
W'	6	8	10	12	14	16	20	33.33	40
D"	90	120	150	180	210	240	300	500	600

EIKI Part No.	Ref.	T/W	Shift/Limits	Auxiliary Lenses	EFL	Throw (Distance to Screen) in feet.								
*AH-32021	(W03)	0.81	1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.5	1.18	4.9	6.5	8.1	9.8	11.4	13.0	16.3	27.1	32.5
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.21	8:1~1:8	1.76" Manual, Fixed (44.7mm) f:2.5	1.76	7.3	9.7	12.1	14.6	17.0	19.4	24.3	40.4	48.5
*AH-32601***	W06	1.22	10:0~0:10	1.77~2.25" Power, Zoom	1.77	7.3	9.8	12.2	14.6	17.1	19.5	24.4	40.7	48.8
		1.55		(45~57 mm) f:2.3~2.8	2.25	9.3	12.4	15.5	18.6	21.7	24.8	31.0	51.7	-
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.42	8:1~1:8	2.06~2.67" Power, Zoom	2.06	8.5	11.3	14.2	17.0	19.8	22.7	28.3	47.2	56.7
		1.84		(52.2~67.9 mm) f:2.53~2.95	2.67	11.1	14.7	18.4	22.1	25.8	29.5	36.8	61.4	73.7
AH-32401***	W04	1.55	8:1~1:8	2.28"~2.99" Power, Zoom	2.25	9.3	12.4	15.5	18.6	21.7	24.8	31.0	51.7	62.0
		2.03		(58~76 mm) f:1.7~2.3	2.95	12.2	16.3	20.3	24.4	28.5	32.5	40.7	67.8	-
***0001-4297	(125)	1.90	8:1~1:8	2.75"~5.0" Manual, Zoom	2.75	11.4	15.2	19.0	22.7	26.5	30.3	37.9	63.2	75.8
		3.45		(70.7~125 mm) f:2.0	5.00	20.7	27.6	34.5	41.4	48.2	55.1	68.9	114.9	138
*945 044 0978 aka *AH-21102	(S02Z)	2.05	10:0~0:10	2.98"~3.84" Power, Zoom	2.98	12.3	16.4	20.5	24.6	28.8	32.9	41.1	68.5	82.2
		2.65	"Standard"	(75.7~97.5 mm) f:2.0~2.3	3.84	15.9	21.2	26.5	31.8	37.1	42.3	52.9	88.2	106
*AH-22051	(S03)	2.63	8:1~1:8	3.82~5.16" Power, Zoom	3.82	15.8	21.1	26.3	31.6	36.9	42.1	52.7	87.7	105
		3.56		(97~131mm) f:1.7~2.7	5.16	21.3	28.4	35.6	42.7	49.8	56.9	71.1	119	142
***0001-4260	(537)	3.09	8:1~1:8	4.49~7.72" Manual, Zoom	4.49	18.6	24.8	30.9	37.1	43.3	49.5	61.9	103.1	124
		5.32		(114~196mm) f:2.0	7.72	31.9	42.6	53.2	63.8	74.5	85.1	106	177	213
*AH-21022 (**AH-21021)	(M01Z) (M01)	3.38	8:1~1:8	4.9~6.37" Power, Zoom	4.9	20.3	27.0	33.8	40.5	47.3	54.0	67.5	113	135
		4.39		(124.5~161.8 mm) f:2.0~2.6	6.37	26.3	35.1	43.9	52.7	61.5	70.2	87.8	146	176
*AH-21091	(T02)	4.29	8:1~1:8	6.22~8.7" Power, Zoom	6.22	25.7	34.3	42.9	51.4	60.0	68.6	85.7	143	172
		6.00		(158~221mm) f:2.0~2.8	8.7	36.0	48.0	60.0	72.0	83.9	95.9	120	200	240
***0001-4261	(151)	5.00	8:1~1:8	7.25~12.38" Manual, Zoom	7.25	30.0	40.0	50.0	60.0	70.0	79.9	100	167	200
		8.53		(184~314mm) f:2.8	12.38	51.2	68.3	85.3	102	119	137	171	284	341
*AH-32581	(T03)	6.08	8:1~1:8	8.82"~12.8" Manual, Zoom	8.82	36.5	48.6	60.8	72.9	85.1	97	122	203	243
		8.82		(224mm~325mm) f:2.2~2.5	12.8	52.9	70.6	88.2	106	124	141	176	294	353
*AH-21032 (**AH-21031)	(T01Z) (T01)	6.89	8:1~1:8	10" Manual, Fixed (253.2mm) f:2.0	10	41.4	55.1	68.9	82.7	96.5	110	138	230	276
***0001-4299	(183)	7.37	8:1~1:8	10.7~18.3" Manual, Zoom	10.7	44.2	59.0	73.7	88.5	103.2	118.0	148	246	295
		12.61		(2.72~4.64mm) f:2.8	18.3	75.7	100.9	126.1	151	177	202	252	420	505

Notes:

Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal).	**H'**	3.4	4.5	5.6	6.8	7.9	9.0	11.3	18.7	22.5

* These lenses require adapter 610 303 8742 (AH-25841) (LNA-01) one included with projector.
** These lenses require adapter 610 304 6228 (AH-25871).
*** These lenses are supplied complete with adapter.

How to use the T/W column. If your screen size does not appear on this chart, use the T/W column to find the lens you need.
Divide the **T**hrow distance by the screen **W**idth to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

Understanding Shift/Limits. The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image heights Above:Below a line drawn perpendicular to the screen between the lens and the screen. 1:1 = center of the image. 10:0 = top of the image.

These charts are a simulation. Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations..
Calculations are from the front glass of the lens and accurate to approximately +/- 3.%. Specifications are subject to change without notice.

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