

EIKI

LENSES FOR LC-XT3 and LC-UCT3 THEATER PROJECTORS

February 3, 2005.

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

Screen Dimensions (H & W in ft., D in in.).

Height (ft.)	4.5	6	7.5	9	10.5	12	15	22.5	30
Width (ft.)	6	8	10	12	14	16	20	30	40
Diagonal (in.)	90	120	150	180	210	240	300	450	600

EIKI Part No.	Ref.	T/W	Auxiliary Lenses	Shift/Limits	Distance (expressed in feet).									
*AH-32021	(W03)	0.81	1.18" Manual, Fixed (30.0mm) f:2.5	1:1 (on axis)		4.9	6.5	8.1	9.8	11.4	13.0	16.3	24.4	32.5
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.21	1.76" Manual, Fixed (44.7mm) f:2.5	8:1~1:8		7.3	9.7	12.1	14.6	17.0	19.4	24.3	36.4	48.5
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.42 1.84	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	8:1~1:8		8.5 11.1	11.3 14.7	14.2 18.4	17.0 22.1	19.8 25.8	22.7 29.5	28.3 36.8	42.5 55.3	56.7 73.7
*AH-21102 (**AH-21101)	(S02Z) (S02)	2.05 2.65	2.98~3.84" Power, Zoom (75.7~97.5 mm) f:2.0~2.3	10:0~0:10 "Standard"		12.3 15.9	16.4 21.2	20.5 26.5	24.6 31.8	28.8 37.1	32.9 42.3	41.1 52.9	61.6 79.4	82.2 106
*AH-22051	(S03)	2.63 3.56	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	8:1~1:8		15.8 21.3	21.1 28.4	26.3 35.6	31.6 42.7	36.9 49.8	42.1 56.9	52.7 71.1	79.0 107	105 142
***0001-4260	(537)	3.09 5.32	4.49~7.72" Manual, Zoom (114~196mm) f:2.0	8:1~1:8		18.6 31.9	24.8 42.6	30.9 53.2	37.1 63.8	43.3 74.5	49.5 85.1	61.9 106	92.8 160	124 213
*AH-21022 (**AH-21021)	(M01Z) (M01)	3.38 4.39	4.9~6.37" Power, Zoom (124.5~161.8 mm) f:2.0~2.6	8:1~1:8		20.3 26.3	27.0 35.1	33.8 43.9	40.5 52.7	47.3 61.5	54.0 70.2	67.5 87.8	101 132	135 176
*AH-21091	(T02)	4.29 6.00	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	8:1~1:8		25.7 36.0	34.3 48.0	42.9 60.0	51.4 72.0	60.0 83.9	68.6 95.9	85.7 120	129 180	172 240
***0001-4261	(151)	5.00 8.53	7.25~12.38" Manual, Zoom (184~314mm) f:2.8	8:1~1:8		30.0 51.2	40.0 68.3	50.0 85.3	60.0 102	70.0 119	79.9 137	100 171	150 256	200 341
*AH-32581	(T03)	6.08 8.82	8.82~12.8" Power, Zoom (224mm~325mm) f:2.2~2.5	8:1~1:8		36.5 52.9	48.6 70.6	60.8 88.2	72.9 106	85.1 124	97 141	122 176	182 265	243 353
*AH-21032 (**AH-21031)	(T01Z) (T01)	6.89	10" Manual, Fixed (253.2mm) f:2.0	8:1~1:8		41.4	55.1	68.9	82.7	96.5	110	138	207	276

Notes:

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height	(ft.)	3.4	4.5	5.6	6.8	7.9	9.0	11.3	16.9	22.5
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Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%.
 Specifications are subject to change without prior notice.
 This projector should be transported with no lens installed.

- * These lenses require adapter AH-25841 (one included with projector).
- ** These lenses require adapter 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 Throw distance by the screen Width to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

Understanding Lens Shift. 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.

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