

EIKI LENSES FOR LC-XT1 THEATER SERIES PROJECTORS

Apr. 22, 2002.

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.).

H'	4.5	6	7.5	9	10.5	12	15	22.5	30
W'	6	8	10	12	14	16	20	30	40
D"	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	
0001-4225		1.03	1.5" Manual, Fixed (38mm) f:2.5	1:1 (on axis) RP only (halo)	6.2	8.3	10.3	12.4	14.5	16.5	20.7	31.0	41.4	
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	
0001-4226		1.45	2.1" Manual, Fixed (54mm) f:2.5	1:1 (on axis) RP only (halo)	8.7	11.6	14.5	17.4	20.3	23.2	28.9	43.4	57.9	
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	
0001-4231		3.14 5.02	4.56~7.29" Manual, Zoom (115~185mm) f:2.0	8:1~1:8	18.9 30.1	25.1 40.2	31.4 50.2	37.7 60.3	44.0 70.3	50.3 80.4	62.9 101	94.3 151	126 201	
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	
0001-4228		5.09 8.48	7.38~12.3" Manual, Zoom (187~312mm) f:2.8	8:1~1:8	30.5 50.9	40.7 67.8	50.9 84.8	61.0 102	71.2 119	81.4 136	102 170	153 254	203 339	
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	97	110	138	207	276	
0001-4240		9.65	14" Manual, Fixed (355.6mm) f:4.0	8:1~1:8	57.9	77.2	96.5	115.8	135	154	193	290	386	

Notes: Calculations are from the front glass of the lens and are accurate to approximately +/- 1%.

Specifications are subject to change without prior notice.

* Remove guide pin from projector lens mount bracket to install. See manual supplied with projector.

** Use lens adapter bracket (P/N 610 289 1645) supplied with projector to install. See manual supplied with projector.

Use of lens AH-21041 (S01) (2.06~2.67 in. / 67.3~107.6 mm. f:2.6~3.5) is NOT recommended as it transmits too little light..

This projector should be transported with no lens installed. Only the AH-21102 lens may be left installed for transport.

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

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.