

Projector Specifications

Resolution: SXGA+ (1400x1050)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Maximum Image Size: 40' W x 30' H (600"D)

Screen Dimensions.

H'	2.5	5	7.5	10	12	15	22.5	25	30
W'	3.33	6.67	10	13.3	16	20.0	30.0	33.3	40.0
D"	50	100	150	200	240	300	450	500	600

Factory Specifications						Description	Measurements and Calculations												
EIKI Part No.	Ref.	TR	Diagonal	Shift Range	Shift Ratio	Auxiliary Lenses	Xtend	Wt	T/W	Throw (Distance to Screen) in ft.									
AH-43002W	W52	0.87	50~200"	V: 0% H: 0%	V: 1:1 on axis H: 1:1 on axis	0.673" Manual, Fixed (17.1 mm) f:2.0	4.7 in 120 mm	6.83 lb 3.1 kg	0.89	2.9	5.9	8.9	11.8	-	-	-	-	-	
AH-43001W DISCONTINUED	W51	1.30 1.63	50~600" 50~450"	V: +/-55% H: +/- 40%	V: 21:-1~-1:21 H: 9:1~1:9	1.012~1.27" Power, Zoom (25.8~32.2 mm) f:2.3~2.7	5.4 in 138 mm	9.04 lb 4.1 kg	1.33 1.67	4.4	8.9	13.3	17.7	21.3	26.6	39.9	44.4	53.3	
AH-43000W DISCONTINUED	W50	1.62 1.95	50~600" 50~600"	V: +/-55% H: +/- 45%	V: 21:-1~-1:21 H: 19:1~1:19	1.26~1.51" Power, Zoom (31.9~38.3 mm) f:2.0~2.1	4.8 in 121 mm	7.28 lb 3.3 kg	1.66 1.99	5.5	11.1	16.6	22.1	26.5	33.2	49.7	55.3	66.3	
AH-43003W	W53 NEW!	1.30 1.95	50~600" 50~600"	V: +/-40% H: +/- 26%	V: 9:1~1:9 H: 3.17:1~1:3.17	1.06~1.51" Power, Zoom (25.8~38.3 mm) f:2.4~2.7	4.6 in 117 mm	5.51 lb 2.5 kg	1.33 1.99	4.4	8.9	13.3	17.7	21.3	26.6	39.9	44.4	53.3	
AH-43005S DISCONTINUED	S50	1.95 3.08	50~600" 50~600"	V: +/-55% H: +/- 41.6%	V: 21:-1~-1:21 H: 10.7:1~1:10.7	1.52~2.36" Power, Zoom (38.5~60.0 mm) f:2.0~2.6	4.0 in 102 mm	7.5 lb 3.4 kg	2.00 3.11	6.7	13.3	20.0	26.7	32.0	40.0	60.0	66.7	80.0	
AH-43006S	S51 NEW!	1.95 3.08	50~600" 50~600"	V: +/-40% H: +/- 26%	V: 9:1~1:9 H: 3.17:1~1:3.17	1.52~2.36" Power, Zoom (38.5~60.0 mm) f:2.0~2.6	3.5 in 87.9 mm	4.19 lb 1.9 kg	2.00 3.11	6.7	13.3	20.0	26.7	32.0	40.0	60.0	66.7	80.0	
AH-43007T	T50	3.03 5.50	50~600" 50~600"	V: +/-55% H: +/- 45%	V: 21:-1~-1:21 H: 19:1~1:19	2.34"~4.20" Power, Zoom (59.3~106.7 mm) f:2.0~2.9	5.2 in 132 mm	8.2 lb 3.7 kg	3.08 5.53	10.3	20.5	30.8	41	49.3	61.6	92.4	103	123	
AH-43008T	T51	5.21 8.63	50~600" 50~600"	V: +/-55% H: +/- 45%	V: 21:-1~-1:21 H: 19:1~1:19	3.99"~6.65" Power, Zoom (101.3~168.8 mm) f:2.3~3.2	6.0 in 153 mm	8.38 lb 3.8 kg	5.25 8.75	17.5	35.0	52.5	70	84	105	158	175	210	

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 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. The T/W (Throw/Width) column most accurately represents lens behavior, and reflects the calculations. Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.

Legend. Ref = abbreviated factory part numbers. TR = factory published Throw Ratio. Xtend = distance lens protrudes from cabinet