

Lenses for NEC PA Projector Series

Technical Specifications



Model	NP44ML	NP11FL	NP90ZL	NP12ZL	NP13ZL	NP14ZL	NP15ZL	NP40ZL	NP41ZL	NP43ZL
Lens Type	UST Lens	Fixed Short Throw	Short Zoom	Short zoom	Std Middle Zoom	Long Zoom	Ultra Long Zoom	Motorised Short	Motorised Middle	Motorised Long
Motorised Lens	—	—	—	—	—	—	—	X	X	X
Projection ratio [WUXGA]	0.32	0.8	0.79 - 1.04	1.16 - 1.56	1.46 - 2.95	2.9 - 4.68	4.59 - 7.02	0.79 - 1.11	1.30 - 3.02	2.99 - 5.93
Aperture	2	2.3	1.9-2.1	2.2 - 2.69	1.7 - 2.37	2.2 - 2.64	2.2 - 2.7	2.0 - 2.5	1.7 - 2.0	2.2 - 2.6
Focal Range [mm]	6.27	13.2	13.2 - 17.2	19.4 - 25.3	24.4 - 48.6	48.5 - 77.6	76.6 - 116.5	13.3 - 18.6	21.8 - 49.8	49.7 - 99.8
Zoom Ratio	—	—	1.3	1.3	2	1.6	1.52	1.4	2.3	2
Screen size [inches]	100 - 400	40 - 150	X 52" - 500" W/U 50" - 500"		30 - 500	40 - 500	60 - 500	60 - 500	50 - 500	50 - 500
Projection distance [m]	0.09 - 2.28	0.7 - 2.6	0.8 - 11.1	0.7 - 16.5	1.3 - 31.8	3.8 - 50.4	6.0 - 76.0	0.8 - 12.0	1.4 - 32.6	3.3 - 63.9
Shift Area	0V/0H	0V/0H	+0.5V - 0.1V / +/- 0.2H	C8 +0.5V - 0.1V / 0.3H	+/- +0.5V - 0.1V / 0.3H	+/- +0.5V - 0.1V / 0.3H	+/- +0.5V - 0.1V / 0.3H	+/- +0.5V - 0.1V / 0.2H	+/- +0.5V - 0.1V / 0.2H	+/- +0.5V - 0.1V / 0.2H
Weight [kg]	3.2	approx 1.2	1.14	approx 1.2	0.84	approx 1.0	approx 1.0	approx 1.63	approx 1.75	approx 1.77
PA653UG PA803UG	X (Require a separate Support Kit NP01LK)	X	X	X	X	X	—	X	X	X
PA703UL	X (Require a separate Support Kit NP01LK)	—	—	—	—	—	—	X	X	X
PA804UL PA1004UL	X (Require a separate Support Kit NP02LK)	X	—	X	X	X	X	X	X	X

Screen Size and Distance (m)

Screen Size [inches]	NP44ML *	NP11FL	NP90ZL	NP12ZL	NP13ZL	NP14ZL	NP15ZL	NP40ZL	NP41ZL	NP43ZL
80"	—	1.4	1.4 - 1.7	2.0 - 2.6	2.5 - 5.1	5.0 - 8.0	7.9 - 12.0	1.4 - 1.9	2.2 - 5.2	5.1 - 10.3
100"	0.09	1.7	—	2.5 - 3.3	3.2 - 6.3	6.3 - 10.1	9.9 - 15.1	1.7 - 2.4	2.8 - 6.6	6.5 - 12.7
120"	0.24	2.1	2.1 - 2.6	3.0 - 3.9	3.8 - 7.6	7.5 - 12.1	11.9 - 18.1	2.1 - 2.9	3.4 - 7.9	7.8 - 15.3
150"	0.46	2.6	2.5 - 3.3	3.8 - 4.9	4.8 - 9.5	9.4 - 15.2	14.9 - 22.8	2.6 - 3.6	4.2 - 9.8	9.7 - 19.1
200"	0.82	—	3.4 - 4.4	5.1 - 6.6	6.4 - 12.7	12.6 - 20.3	20.0 - 30.4	3.4 - 4.7	5.6 - 12.9	12.9 - 25.4
240"	1.11	—	4.1 - 5.3	6.1 - 7.9	7.6 - 15.3	15.2 - 24.4	24.0 - 36.5	4.1 - 5.7	6.8 - 15.7	15.5 - 30.5
300"	1.55	—	5.1 - 6.6	7.6 - 9.9	9.6 - 19.1	19.0 - 30.5	30.0 - 45.8	5.1 - 7.1	8.4 - 19.5	19.3 - 38.0
400"	2.28	—	6.8 - 8.8	10.2 - 13.2	12.8 - 25.5	25.4 - 40.7	40.1 - 61.1	6.8 - 9.5	11.2 - 26.0	25.7 - 50.1
500"	—	—	8.5 - 11.1	12.7 - 16.5	16.0 - 31.8	31.8 - 50.4	50.2 - 76.4	8.5 - 12.0	14.0 - 32.6	32.2 - 63.9

*Screen to PJ Back

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