Supplement

Laser regulation

T-1: Combination of projector and lens classified as RG3 IEC 62471-5

Projector
MP-WU8101W
MP-WU8101B
_
_
_
_
_
1.4 m
2.6 m

When using the projector with the lens marked with "", the clearance from the hazard zone shall be minimum 2.5 m in the horizontal direction and 3.0 m from the floor in the vertical direction.

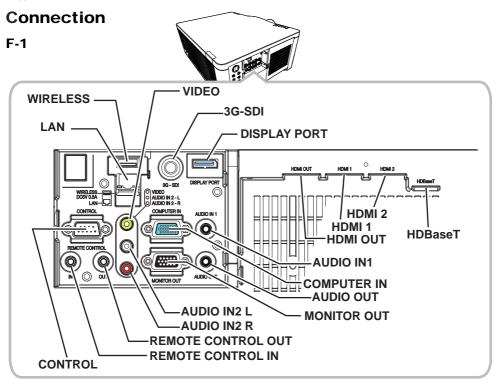
Screen size and projection distance

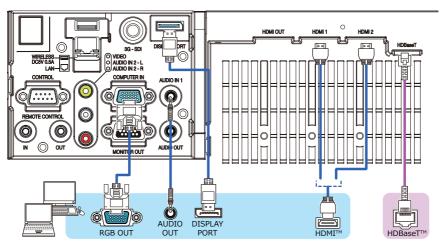


T-2: with the lens ML-713 (1920 x 1200, ±10%)

S			16 :	10			16 : 9						4:3					
ree	Screen Size Projection				distance	,	Screen Size Projection dis			distance	Э	Screen Size		Projection distance				
Screen type	Н	V	a min.		a max.		Н	V	a min.		a max.		Н	V a mi		nin.	n. a max.	
pe	m	m	inch	m	inch	m	m	m	inch	m	inch	m	m	m	inch	m	inch	m
30	0.6	0.4	45	1.1	75	1.9	0.7	0.4	46	1.2	77	2.0	0.6	0.5	51	1.3	85	2.2
40	0.9	0.5	59	1.5	100	2.5	0.9	0.5	61	1.6	103	2.6	0.8	0.6	67	1.7	113	2.9
50	1.1	0.7	74	1.9	125	3.2	1.1	0.6	76	1.9	128	3.2	1.0	0.8	83	2.1	141	3.6
60	1.3	0.8	88	2.2	149	3.8	1.3	0.7	91	2.3	153	3.9	1.2	0.9	100	2.5	169	4.3
70	1.5	0.9	103	2.6	174	4.4	1.5	0.9	106	2.7	179	4.5	1.4	1.1	116	3.0	197	5.0
80	1.7	1.1	117	3.0	198	5.0	1.8	1.0	121	3.1	204	5.2	1.6	1.2	133	3.4	224	5.7
90	1.9	1.2	132	3.3	223	5.7	2.0	1.1	135	3.4	229	5.8	1.8	1.4	149	3.8	252	6.4
100	2.2	1.3	146	3.7	248	6.3	2.2	1.2	150	3.8	254	6.5	2.0	1.5	165	4.2	280	7.1
120	2.6	1.6	175	4.4	297	7.5	2.7	1.5	180	4.6	305	7.7	2.4	1.8	198	5.0	336	8.5
150	3.2	2.0	219	5.6	371	9.4	3.3	1.9	225	5.7	381	9.7	3.0	2.3	247	6.3	419	10.7
200	4.3	2.7	291	7.4	494	12.5	4.4	2.5	299	7.6	507	12.9	4.1	3.0	329	8.4	559	14.2
250	5.4	3.4	363	9.2	617	15.7	5.5	3.1	373	9.5	634	16.1	5.1	3.8	411	10.4	698	17.7
300	6.5	4.0	435	11.1	740	18.8	6.6	3.7	448	11.4	760	19.3	6.1	4.6	493	12.5	838	21.3
350	7.5	4.7	508	12.9	863	21.9	7.7	4.4	522	13.3	887	22.5	7.1	5.3	575	14.6	977	24.8
400	8.6	5.4	580	14.7	986	25.0	8.9	5.0	596	15.1	1014	25.7	8.1	6.1	656	16.7	1116	28.4
500	10.8	6.7	725	18.4	1232	31.3	11.1	6.2	745	18.9	1267	32.2	10.2	7.6	820	20.8	1395	35.4
600	12.9	8.1	869	22.1	1478	37.6	13.3	7.5	893	22.7	1520	38.6	12.2	9.1	984	25.0	1674	42.5

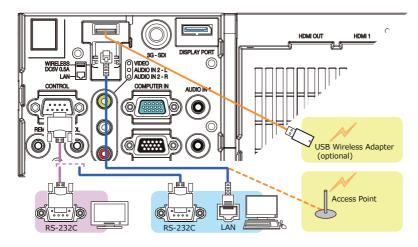
Supplement

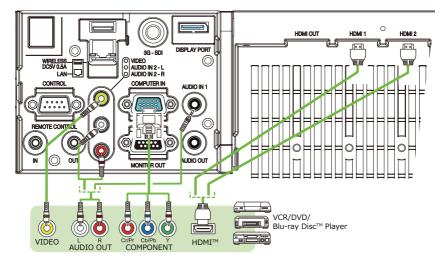




Supplement - Connection (continued)

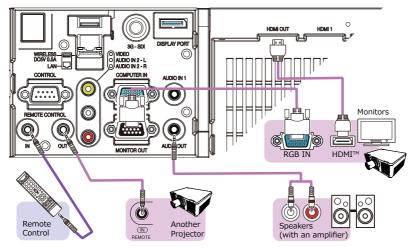
F-3

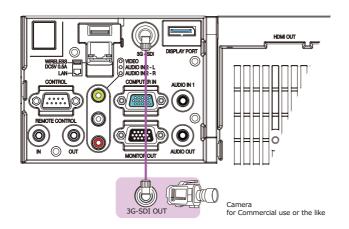




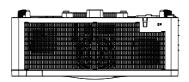
Supplement - Connection (continued)

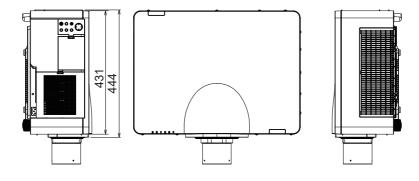
F-5

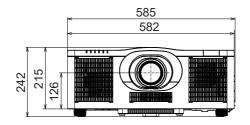




Dimension









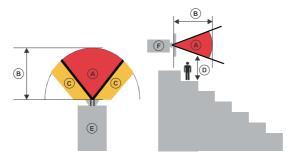
F-8

ENGLISH

PERMANENT/TEMPORARY BLINDNESS HAZARD!

Operators must control access to the beam within the hazard distance or install the product at the height that prevents exposure of spectators' eyes within the hazard distance. The hazard zone must be no lower than 3.0 meters above the floor and the horizontal clearance to the hazard zone must be a minimum 2.5 meters.

The following diagram shows the zones for ocular and skin hazard distances:



- A—Hazard zone. The region of space where the projection light from the laser-illuminated projector is above emission limits for Risk Group 2. The light intensity may cause eye damage after a momentary or brief exposure (before a person can avert his or her eyes away from the light source). The light may cause skin burns to occur.
- B—Hazard distance. Operators must control access to the beam within the hazard distance or install the product preventing potential exposure of the spectators' eyes from being in the hazard distance.
- C—No access zone. Horizontal clearance of the no access zone must be a minimum of 2.5 meters.
- D—Vertical distance to hazard zone. The hazard zone must be no lower than 3.0 meters above the floor.
- E—Represents the top view of the projector.
- F-Represents the side view of the projector.

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