TUNGDOU

LMZ3019 - DMX Protocol

Revision: A					Valid from firmware version: 1.0	

DMX mode Standard (22ch)	Name	DMX value		DMX percentage		Function	Default DMX Value
1	Strobe/Shutter	0	31	0.0%	12.2%	Closed	0(0%)
		32	63	12.5%	24.7%	Open	
		64	127	25.1%	49.8%	Synchronous strobe from slow to fast	
		128	159	50.2%	62.4%	Open	
		160	223	62.7%	87.5%	Random strobe from slow to fast	
		224	255	87.8%	100.0%	Open	
2	Intensity	0	255	0.0%	100.0%	No light → Full light	0(0%)
3	Red 1	0	255	0.0%	100.0%	No light → Full light	0(0%)
4	Green 1	0	255	0.0%	100.0%	No light → Full light	0(0%)
5	Blue 1	0	255	0.0%	100.0%	No light → Full light	0(0%)
6	Whit 1	0	255	0.0%	100.0%	No light → Full light	0(0%)
7	Red 2	0	255	0.0%	100.0%	No light → Full light	0(0%)
8	Green 2	0	255	0.0%	100.0%	No light → Full light	0(0%)
9	Blue 2	0	255	0.0%	100.0%	No light → Full light	0(0%)
10	Whit 2	0	255	0.0%	100.0%	No light → Full light	0(0%)
11	Red 3	0	255	0.0%	100.0%	No light → Full light	0(0%)
12	Green 3	0	255	0.0%	100.0%	No light → Full light	0(0%)
13	Blue 3	0	255	0.0%	100.0%	No light → Full light	0(0%)
14	Whit 3	0	255	0.0%	100.0%	No light → Full light	0(0%)
15	Rainbow Function	0	9	0.0%	3.5%	No function	0(0%)
		10	39	3.9%	15.3%	Rainbow scene 1	
		40	71	15.7%	27.8%	Rainbow scene 2	
		72	103	28.2%	40.4%	Rainbow scene 3	
		104	135	40.8%	52.9%	Rainbow scene 4	
		136	167	53.3%	65.5%	Rainbow scene 5	
		168	199	65.9%	78.0%	Rainbow scene 6	
		200	231	78.4%	90.6%	Rainbow scene 7	
		232	255	91.0%	100.0%	Rainbow flow from slow to fast	
16	Color temperature	0	24	0.0%	9.4%	No function	0(0%)
		25	35	9.8%	13.7%	3200K	
		36	46	14.1%	18.0%	3400K	
		47	57	18.4%	22.4%	3600K	
		58	68	22.7%	26.7%	3800K	
		69	79	27.1%	31.0%	4000K	
		80	90	31.4%	35.3%	4200K	
		91	101	35.7%	39.6%	4400K	
		102	112	40.0%	43.9%	4600K	
		113	123	44.3%	48.2%	4800K	
		124	134	48.6%	52.5%	5000K	
		135	145	52.9%	56.9%	5200K	
		146	156	57.3%	61.2%	5400K	
		157	167	61.6%	65.5%	5600K	
		168	178	65.9%	69.8%	5800K	
		179	189	70.2%	74.1%	6000K	
		190	200	74.5%	78.4%	6200K	
		201	211	78.8%	82.7%	6400K	
		212	222	83.1%	87.1%	6600K	
		223	233	87.5%	91.4%	6800K	
		234	244	91.8%	95.7%	7000K	
		245	255	96.1%	100.0%	7200K	
17	Zoom	0	255	0.0%	100.0%	Near → Far	0(0%)
18	Pan	0	255	0.0%	100.0%	Pan	0(0%)
19	Tilt	0	255	0.0%	100.0%	Tilt	46(18.0%)
20	Scan speed	0	255	0.0%	100.0%	Scan speed from fast to slow	0(0%)
21	Dimmer Mode	0	5	0.0%	2.0%	M0:600Hz,Gama1.5,Smoth	0(0%)
		6	11	2.4%	4.3%	M1:600Hz,Gama1.5,Snap	
		12	17	4.7%	6.7%	M2:1200Hz,Gama1.5,Smoth	
		18	23	7.1%	9.0%	M3:1200Hz,Gama1.5,Snap	
		24	29	9.4%	11.4%	M4:600Hz,Gama2.0,Smoth	
		30	35	11.8%	13.7%	M5:600Hz,Gama2.0,Snap	
		36	255	14.1%	100.0%	Reserved	
22	Special controls	0	59	0.0%	23.1%	No function	0(0%)
		60	69	23.5%	27.1%	Reset all motor after 5 seconds	
		70	79	27.5%	31.0%	Scan motor reset after 5 seconds	
		80	89	31.4%	34.9%	Zoom motor reset after 5 seconds	
		90	119	35.3%	46.7%	No function	
		120	129	47.1%	50.6%	Built-in program 1	
		130	139	51.0%	54.5%	Built-in program 2	
		140	149	54.9%	58.4%	Built-in program 3	
		150	159	58.8%	62.4%	Built-in program 4	
		160	169	62.7%	66.3%	Built-in program 5	
		170	179	66.7%	70.2%	Built-in program 6	

		180	189	70.6%	74.1%	Built-in program 7
		190	199	74.5%	78.0%	Built-in program 8
		200	209	78.4%	82.0%	Built-in program 9
		210	219	82.4%	85.9%	Built-in program 10
		220	239	86.3%	93.7%	No function
		240	249	94.1%	97.6%	Dimmer mode set
		250	255	98.0%	100.0%	No function