

Advanced

Channel	Attribute	From	To	Feature	From	To	Feature
1	Pan	0	255	-270deg - +270deg			
2	Pan fine						
3	Tilt	0	255	-105deg - +105deg			
4	Tilt fine						
5	Zoom	0	255	50deg - 3.8deg			
6	Shutter	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
7	Dimmer	0	255	0 - 100%			
8	Dimmer fine						

Advanced

Channel	Attribute	From	To	Feature	From	To	Feature
9	Function	0	1	No function			
		2	3	Fan auto			
		4	5	Fan SLN			
		6	7	Fan theatre			
		8	9	Fan constant			
		10	11	No function			
		12	24	Tilt speed fast			
		25	37	Tilt speed normal			
		38	42	Dimmer curve 1			
		43	47	Dimmer curve 2			
		48	52	Dimmer curve 3			
		53	55	Dimmer curve 4			
		56	57	Dimmer curve 5			
		58	62	Gamma 1			
		63	67	Gamma 1.5			
		68	72	Gamma 2.2			
		73	74	Color calibration off			
		75	76	Color calibration factory			
		77	78	Color calibration customized			
		79	80	Set customized calibration at full white			
		81	82	Set customized calibration at 3200K			
		83	84	Set customized calibration at 5600K			
		85	86	Record customized calibration			
		87	88	No function			
		89	90	Reverse mapping off			
		91	92	Reverse mapping on			
		93	97	Pixel map disabled			
		98	102	Pixel map on Circle mode			
		103	107	Pixel map on Full pixel mode			
		108	112	Zoom reposition on			
		113	117	Zoom reposition off			
		118	167	No function			
		168	188	600Hz			
		189	199	1200Hz			
		200	210	2000Hz			
		211	221	4000Hz			
		222	232	6000Hz			
		233	243	25kHz			
		244	248	Display off			
		249	253	Display on			
		254	255	No function			

Advanced

Channel	Attribute	From	To	Feature	From	To	Feature
10	Reset	0	25	No function			
		26	76	Zoom reset			
		77	127	Pan/Tilt reset			
		128	255	Complete reset			
11	Red	0	255	0 - 100%			
12	Green	0	255	0 - 100%			
13	Blue	0	255	0 - 100%			
14	Warm white	0	255	0 - 100%			
15	CTO	0	9	No function			
		10	255	8000K-2700K			
16	Shutter 2	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
17	Dimmer 2	0	255	0 - 100%			
18	Shape red	0	255	0 - 100%			
19	Shape green	0	255	0 - 100%			
20	Shape blue	0	255	0 - 100%			
21	Shape warm white	0	255	0 - 100%			
22	Shape CTO	0	9	No function			
		10	255	8000K-2700K			
23	Shutter 3	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
24	Dimmer 3	0	255	0 - 100%			

Advanced

Channel	Attribute	From	To	Feature	From	To	Feature
25	Shape mode	0	5	Normal			
		6	130	Static			
		131	255	Dynamic			
26	Shape selection	0	7	Shape static 1	0	6	Shape dynamic 1
		8	14	Shape static 2	7	12	Shape dynamic 2
		15	21	Shape static 3	13	18	Shape dynamic 3
		22	28	Shape static 4	19	24	Shape dynamic 4
		29	35	Shape static 5	25	30	Shape dynamic 5
		36	42	Shape static 6	31	36	Shape dynamic 6
		43	49	Shape static 7	37	42	Shape dynamic 7
		50	56	Shape static 8	43	48	Shape dynamic 8
		57	63	Shape static 9	49	54	Shape dynamic 9
		64	70	Shape static 10	55	60	Shape dynamic 10
		71	77	Shape static 11	61	66	Shape dynamic 11
		78	84	Shape static 12	67	72	Shape dynamic 12
		85	91	Shape static 13	73	78	Shape dynamic 13
		92	98	Shape static 14	79	84	Shape dynamic 14
		99	105	Shape static 15	85	90	Shape dynamic 15
		106	112	Shape static 16	91	96	Shape dynamic 16
		113	119	Shape static 17	97	102	Shape dynamic 17
		120	126	Shape static 18	103	108	Shape dynamic 18
		127	133	Shape static 19	109	114	Shape dynamic 19
		134	140	Shape static 20	115	120	Shape dynamic 20
		141	147	Shape static 21	121	126	Shape dynamic 21
		148	154	Shape static 22	127	132	Shape dynamic 22
		155	161	Shape static 23	133	138	Shape dynamic 23
		162	168	Shape static 24	139	144	Shape dynamic 24
		169	175	Shape static 25	145	150	Shape dynamic 25
		176	182	Shape static 26	151	156	Shape dynamic 26
		183	189	Shape static 27	157	162	Shape dynamic 27
		190	196	Shape static 28	163	168	Shape dynamic 28
		197	203	Shape static 29	169	174	Shape dynamic 29
		204	210	Shape static 30	175	180	Shape dynamic 30
		211	217	Shape static 31	181	190	Shape dynamic 31
		218	229	Shape static 32	191	196	Shape dynamic 32
		230	236	Shape static 33	197	202	Shape dynamic 33
		237	243	Shape static 34	203	208	Shape dynamic 34
		244	250	Shape static 35	209	214	Shape dynamic 35
		251	255	Shape static 36	215	220	Shape dynamic 36
					221	226	Shape dynamic 37
					227	232	Shape dynamic 38
					233	238	Shape dynamic 39
					239	244	Shape dynamic 40
					245	250	Shape dynamic 41
					251	255	Shape dynamic 42

Advanced

Channel	Attribute	From	To	Feature	From	To	Feature
27	Shape speed	0	124	Fast to slow forward			
		125	130	Stop			
		131	255	Slow to fast backward			
28	Shape fade/wake	0	5	Off			
		6	130	Fade from fast to slow			
		131	255	Wake from fast to slow			
29	Shape transition	0	255	0 - 100%			
30	Shutter 4	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
31	Dimmer 4	0	255	0 - 100%			

Standard

Channel	Attribute	From	To	Feature	From	To	Feature
1	Pan	0	255	-270deg - +270deg			
2	Pan fine						
3	Tilt	0	255	-105deg - +105deg			
4	Tilt fine						
5	Zoom	0	255	50deg - 3.8deg			
6	Shutter	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
7	Dimmer	0	255	0 - 100%			
8	Dimmer fine						

Standard

Channel	Attribute	From	To	Feature	From	To	Feature
9	Function	0	1	No function			
		2	3	Fan auto			
		4	5	Fan SLN			
		6	7	Fan theatre			
		8	9	Fan constant			
		10	11	No function			
		12	24	Tilt speed fast			
		25	37	Tilt speed normal			
		38	42	Dimmer curve 1			
		43	47	Dimmer curve 2			
		48	52	Dimmer curve 3			
		53	55	Dimmer curve 4			
		56	57	Dimmer curve 5			
		58	62	Gamma 1			
		63	67	Gamma 1.5			
		68	72	Gamma 2.2			
		73	74	Color calibration off			
		75	76	Color calibration factory			
		77	78	Color calibration customized			
		79	80	Set customized calibration at full white			
		81	82	Set customized calibration at 3200K			
		83	84	Set customized calibration at 5600K			
		85	86	Record customized calibration			
		87	88	No function			
		89	90	Reverse mapping off			
		91	92	Reverse mapping on			
		93	97	Pixel map disabled			
		98	102	Pixel map on Circle mode			
		103	107	Pixel map on Full pixel mode			
		108	112	Zoom reposition on			
		113	117	Zoom reposition off			
		118	167	No function			
		168	188	600Hz			
		189	199	1200Hz			
		200	210	2000Hz			
		211	221	4000Hz			
		222	232	6000Hz			
		233	243	25kHz			
		244	248	Display off			
		249	253	Display on			
		254	255	No function			

Standard

Channel	Attribute	From	To	Feature	From	To	Feature
10	Reset	0	25	No function			
		26	76	Zoom reset			
		77	127	Pan/Tilt reset			
		128	255	Complete reset			
11	Red	0	255	0 - 100%			
12	Red fine						
13	Green	0	255	0 - 100%			
14	Green fine						
15	Blue	0	255	0 - 100%			
16	Blue fine						
17	Warm white	0	255	0 - 100%			
18	Warm white fine						
19	CTO	0	9	No function			
		10	255	8000K-2700K			
20	Dimmer fade	0	255	Fast to slow			
21	Shutter 2	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
22	Dimmer 2	0	255	0 - 100%			
23	Shape red	0	255	0 - 100%			
24	Shape green	0	255	0 - 100%			
25	Shape blue	0	255	0 - 100%			
26	Shape warm white	0	255	0 - 100%			
27	Shape CTO	0	9	No function			
		10	255	8000K-2700K			
28	Shutter 3	0	3	Closed			
		4	103	Strobe slow to fast			
		104	107	Open			
		108	207	Pulse slow to fast			
		208	212	Open			
		213	251	Random strobe slow to fast			
		252	255	Open			
29	Dimmer 3	0	255	0 - 100%			
30	Shape mode	0	5	Normal			
		6	130	Static			
		131	255	Dynamic			

Standard

Channel	Attribute	From	To	Feature	From	To	Feature
31	Shape selection	0	7	Shape static 1	0	6	Shape dynamic 1
		8	14	Shape static 2	7	12	Shape dynamic 2
		15	21	Shape static 3	13	18	Shape dynamic 3
		22	28	Shape static 4	19	24	Shape dynamic 4
		29	35	Shape static 5	25	30	Shape dynamic 5
		36	42	Shape static 6	31	36	Shape dynamic 6
		43	49	Shape static 7	37	42	Shape dynamic 7
		50	56	Shape static 8	43	48	Shape dynamic 8
		57	63	Shape static 9	49	54	Shape dynamic 9
		64	70	Shape static 10	55	60	Shape dynamic 10
		71	77	Shape static 11	61	66	Shape dynamic 11
		78	84	Shape static 12	67	72	Shape dynamic 12
		85	91	Shape static 13	73	78	Shape dynamic 13
		92	98	Shape static 14	79	84	Shape dynamic 14
		99	105	Shape static 15	85	90	Shape dynamic 15
		106	112	Shape static 16	91	96	Shape dynamic 16
		113	119	Shape static 17	97	102	Shape dynamic 17
		120	126	Shape static 18	103	108	Shape dynamic 18
		127	133	Shape static 19	109	114	Shape dynamic 19
		134	140	Shape static 20	115	120	Shape dynamic 20
		141	147	Shape static 21	121	126	Shape dynamic 21
		148	154	Shape static 22	127	132	Shape dynamic 22
		155	161	Shape static 23	133	138	Shape dynamic 23
		162	168	Shape static 24	139	144	Shape dynamic 24
		169	175	Shape static 25	145	150	Shape dynamic 25
		176	182	Shape static 26	151	156	Shape dynamic 26
		183	189	Shape static 27	157	162	Shape dynamic 27
		190	196	Shape static 28	163	168	Shape dynamic 28
		197	203	Shape static 29	169	174	Shape dynamic 29
		204	210	Shape static 30	175	180	Shape dynamic 30
		211	217	Shape static 31	181	190	Shape dynamic 31
		218	229	Shape static 32	191	196	Shape dynamic 32
		230	236	Shape static 33	197	202	Shape dynamic 33
		237	243	Shape static 34	203	208	Shape dynamic 34
		244	250	Shape static 35	209	214	Shape dynamic 35
		251	255	Shape static 36	215	220	Shape dynamic 36
					221	226	Shape dynamic 37
					227	232	Shape dynamic 38
					233	238	Shape dynamic 39
					239	244	Shape dynamic 40
					245	250	Shape dynamic 41
					251	255	Shape dynamic 42

Standard

Channel	Attribute	From	To	Feature	From	To	Feature
32	Shape speed	0	124	Fast to slow forward			
		125	130	Stop			
		131	255	Slow to fast backward			
33	Shape fade/wake	0	5	Off			
		6	130	Fade from fast to slow			
		131	255	Wake from fast to slow			
34	Shape transition	0	255	0 - 100%			

Basic

Channel	Attribute	From	To	Feature
1	Pan	0	255	-270deg - +270deg
2	Pan fine			
3	Tilt	0	255	-105deg - +105deg
4	Tilt fine			
5	Zoom	0	255	50deg - 3.8deg
6	Shutter	0	3	Closed
		4	103	Strobe slow to fast
		104	107	Open
		108	207	Pulse slow to fast
		208	212	Open
		213	251	Random strobe slow to fast
		252	255	Open
7	Dimmer	0	255	0 - 100%
8	Dimmer fine			
9	CTO	0	9	No function
		10	255	8000K-2700K
10	Dimmer fade	0	255	Fast to slow
11	Function	0	1	No function
		2	3	Fan auto
		4	5	Fan SLN
		6	7	Fan theatre
		8	9	Fan constant
		10	11	No function
		12	24	Tilt speed fast
		25	37	Tilt speed normal
		38	42	Dimmer curve 1
		43	47	Dimmer curve 2
		48	52	Dimmer curve 3
		53	55	Dimmer curve 4
		56	57	Dimmer curve 5
		58	62	Gamma 1
		63	67	Gamma 1.5
		68	72	Gamma 2.2
		73	74	Color calibration off
		75	76	Color calibration factory
		77	78	Color calibration customized
		79	80	Set customized calibration at full white
		81	82	Set customized calibration at 3200K
		83	84	Set customized calibration at 5600K
		85	86	Record customized calibration
		87	88	No function
		89	90	Reverse mapping off
		91	92	Reverse mapping on
		93	97	Pixel map disabled
		98	102	Pixel map on Circle mode
		103	107	Pixel map on Full pixel mode
		108	112	Zoom reposition on
		113	117	Zoom reposition off
		118	167	No function
		168	188	600Hz
		189	199	1200Hz
		200	210	2000Hz
		211	221	4000Hz
		222	232	6000Hz
		233	243	25kHz
		244	248	Display off
		249	253	Display on
		254	255	No function

Basic

Channel	Attribute	From	To	Feature
12	Reset	0	25	No function
		26	76	Zoom reset
		77	127	Pan/Tilt reset
		128	255	Complete reset
13	Red	0	255	0 - 100%
14	Green	0	255	0 - 100%
15	Blue	0	255	0 - 100%
16	Warm white	0	255	0 - 100%

Pixel Map

Channel	Attribute	From	To	Feature
1	Red 1	0	255	0 - 100%
2	Green 1	0	255	0 - 100%
3	Blue 1	0	255	0 - 100%
4	Warm white 1	0	255	0 - 100%
5	Red 2	0	255	0 - 100%
6	Green 2	0	255	0 - 100%
7	Blue 2	0	255	0 - 100%
8	Warm white 2	0	255	0 - 100%
9	Red 3	0	255	0 - 100%
.				
.				
.				
236	Warm white 59	0	255	0 - 100%
237	Red 60	0	255	0 - 100%
238	Green 60	0	255	0 - 100%
239	Blue 60	0	255	0 - 100%
240	Warm white 60	0	255	0 - 100%
241	Red 61	0	255	0 - 100%
242	Green 61	0	255	0 - 100%
243	Blue 61	0	255	0 - 100%
244	Warm white 61	0	255	0 - 100%

Pixel Map

Channel	Attribute	From	To	Feature
1	Core Red 1	0	255	0 - 100%
2	Core Green 1	0	255	0 - 100%
3	Core Blue 1	0	255	0 - 100%
4	Core Warm white 1	0	255	0 - 100%
5	Circle 1 Red 2	0	255	0 - 100%
6	Circle 1 Green 2	0	255	0 - 100%
7	Circle 1 Blue 2	0	255	0 - 100%
8	Circle 1 Warm white 2	0	255	0 - 100%
9	Circle 2 Red 3	0	255	0 - 100%
10	Circle 2 Green 3	0	255	0 - 100%
11	Circle 2 Blue 3	0	255	0 - 100%
12	Circle 2 Warm white 3	0	255	0 - 100%
13	Circle 3 Red 4	0	255	0 - 100%
14	Circle 3 Green 4	0	255	0 - 100%
15	Circle 3 Blue 4	0	255	0 - 100%
16	Circle 3 Warm white 4	0	255	0 - 100%
17	Circle 4 Red 5	0	255	0 - 100%
18	Circle 4 Green 5	0	255	0 - 100%
19	Circle 4 Blue 5	0	255	0 - 100%
20	Circle 4 Warm white 5	0	255	0 - 100%

4. PIXEL MAPPING

