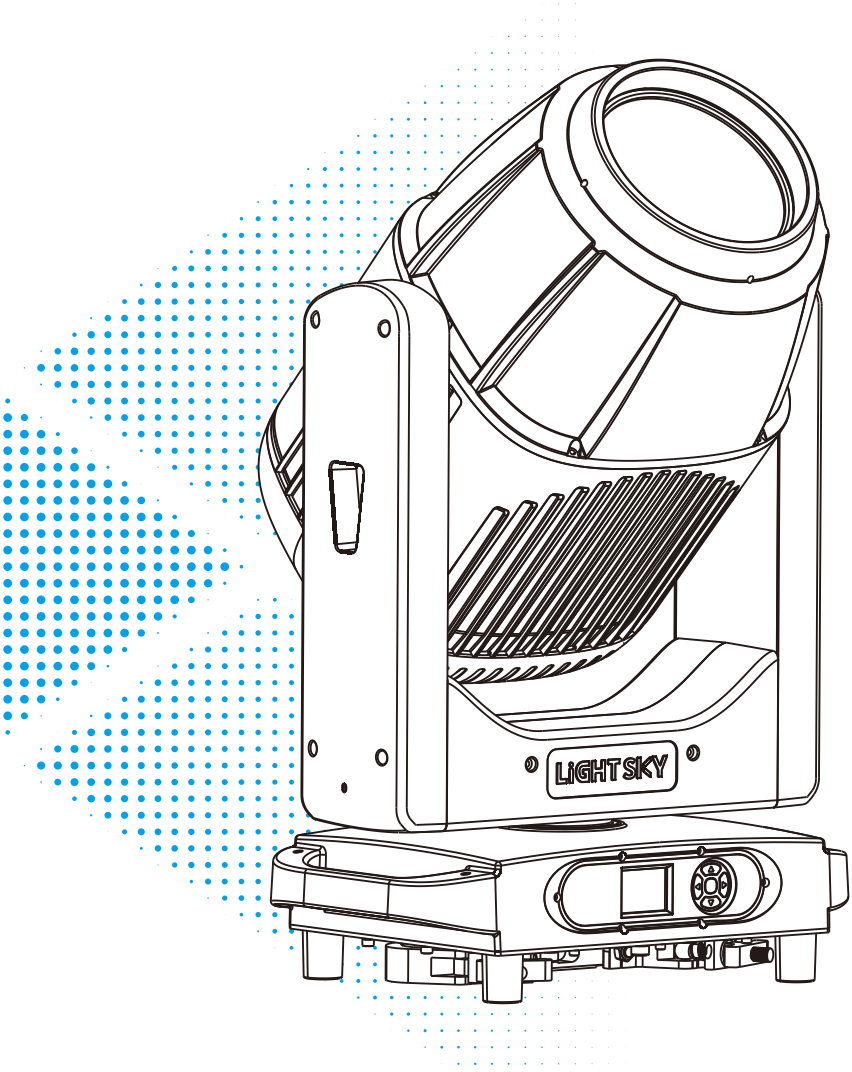
LiGHT SKY



AURORA AQUA

User Manual

Please read the instruction carefully before use

6.3.DMX 512 Configuration

Please control the fixture by referring to the configurations below

33CH	DMX	Function	Note
1	0-255	**Pan positioning**	
2	0-255	**Fine Pan positioning**	
3	0-255	**Tilt positioning**	
4	0-255	**Fine Tilt positioning**	
5	0-255	**PTSpeed**	
6		**Function**	
	0-79	Unused Range	
	80-84	Dis.Blink off	
	85-89	Dis.Blink on	
	90-94	CMY Mode:Standard	
	95-99	CMY Mode:Theater	
	100-104	Pan/Tilt Mode Standard	
	105-109	Pan/Tilt Mode Fast	
	110-114	Pan/Tilt Mode Precise	
	115-119	FX Auto Focus off	
	120-124	FX Auto Focus on	
	125-129	No function	
	130-139	Lamp ON	
	140-149	PAN/TITL Reset	
	150-159	Color Reset	
	160-169	Gobo Reset	
	170-179	Unused Range	
	180-189	Zoom Reset	
	190-199	Unused Range	
	200-209	Complete Reset	
	210-229	Unused Range	
	230-239	Lamp OFF	
	240-255	Unused Range	
7	0-255	**Cyan**	
8	0-255	**Magenta**	
9	0-255	**Yellow**	
10		**ColorWheel**	
	0	White	
	1-127	Continual positioning	
	128-129	CRI	
	130-134	Red	
	135-138	Orange	
	139-143	Aquamarine	
	144-147	Green	
	148-152	Light Green	
	153-157	Lavender	
	158-161	Pink	
	162-166	Yellow	
	167-171	Magenta	
	172-176	Cyan	
	177-180	CTO 260/CTO2	
	181-185	CTO 190	
	186-189	Blue	
	190-215	CCW, Fast→Slow Rotation	
	216-217	Stop	
	218-243	CW, Slow→Fast Rotation	
	244-249	random colour selection	
	250-255	Auto random colour selection from fast to slow	
11	0-255	**Colour fine positioning**	
12		**Animation**	
	0-19	Open	
	20-127	Proportional indexing	
	128-170	Ramping from open to full position (max--->min. speed)	
	171-213	Ramping from open to half position (max. --->min. speed)	
	214-255	Ramp. from half position to full position (max. --->min. speed)	

33CH	DMX	Function	Note
		AnimationRot	
	0	AnimationRot indexing 0°	
13	1-127	AnimationRot CW fast to slow	
	128	Stop	
	129-255	AnimationRot CCW slow to fast	
		FixgoboWheel	
	0-3	Open	
	4-9	FixGobo 1(Open)	
	10-15	FixGobo 2	
	16-21	FixGobo 3	
	22-27	FixGobo 4	
	28-33	FixGobo 5	
	34-39	FixGobo 6	
	40-45	FixGobo 7	
	46-51	FixGobo 8	
	52-57	FixGobo 9	
	58-63	FixGobo 10	
	64-69	FixGobo 11	
	70-75	FixGobo 12	
	76-81	FixGobo 13	
	82-87	FixGobo 14	
	88-95	FixGobo1shake,slow to fast	
14	96-103	FixGobo2shake,slow to fast	
	104-111	FixGobo3shake,slow to fast	
	112-119	FixGobo4shake,slow to fast	
	120-127	FixGobo5shake,slow to fast	
	128-135	FixGobo6shake,slow to fast	
	136-143	FixGobo7shake,slow to fast	
	144-151	FixGobo8shake,slow to fast	
	152-159	FixGobo9shake,slow to fast	
	160-167	FixGobo10shake,slow to fast	
	168-175	FixGobo11shake,slow to fast	
	176-183	FixGobo12shake,slow to fast	
	184-191	FixGobo13shake,slow to fast	
	192-199	FixGobo14shake,slow to fast	
	200-201	Open/hole	
	202-222	FixGoboWheel CW fast to slow	
	223-228	Stop	
	229-249	FixGoboWheel CCW slow to fast	
	250-255	Auto random gobo selection from fast to slow	
		RotgoboWheel	
	0	Open	
	1-4	WhiteOpen	
	5-16	RotGobo1	
	17-28	RotGobo 2	
	29-40	RotGobo 3	
	41-52	RotGobo 4	
	53-64	RotGobo 5	
	65-76	RotGobo 6	
	77-88	RotGobo 7	
	89-100	RotGobo 8	
15	101-112	RotGobo 9	
	113-124	RotGobo1shake,slow to fast	
	125-136	RotGobo2shake,slow to fast	
	137-148	RotGobo3shake,slow to fast	
	149-160	RotGobo4shake,slow to fast	
	161-172	RotGobo5shake,slow to fast	
	173-184	RotGobo6shake,slow to fast	
	185-196	RotGobo7shake,slow to fast	
	197-208	RotGobo8shake,slow to fast	

33CH	DMX	Function	Note
	209-220	RotGobo9shake,slow to fast	
	221-249	WhiteOpen	
	250-255	Auto random gobo selection from fast to slow	
		GoboRot	
	0-127	GoboRot indexing 0°- 360°	
16	128-187	RotGobo CW fast to slow	
	188-195	Stop	
	196-255	RotGobo CCW slow to fast	
		GoboPrism	
	0-3	Prism out	
		Index - set indexing on channel GoboPrismRot	
	4-15	PrismPos1	
	16-27	PrismPos2	
17	28-39	PrismPos3	
		Rotation - set rotation on channel GoboPrismRot	
	40-51	PrismPos1	
	52-63	PrismPos2	
	64-75	PrismPos3	
	76-255	PrismPos3	
		GoboPrismRot	
		Prism indexing	
	0-255	Prism indexing	
		Prism rotation	
18	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	
		BeamPrism1	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot1	
19	4-15	Prism In	
		Rotation - set rotation on channel BeamPrismRot1	
	16-27	Prism In	
	28-255	Prism In	
		BeamPrismRot1	
		Prism indexing	
	0-255	Prism indexing	
		Prism rotation	
20	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	
		BeamPrism2	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot2	
21	4-15	Prism In	
		Rotation - set rotation on channel BeamPrismRot2	
	16-27	Prism In	
	28-255	Prism In	
		BeamPrismRot2	
		Prism indexing	
	0-255	Prism indexing	
		Prism rotation	
22	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	

33CH	DMX	Function	Note
23		**Frost**	
	0	Frost Out	
	1-50	Frost1 indexing	
	51-53	Frost1 In	
	54-63	Frost1 Pulse closing from slow to fast	
	64-73	Frost1 Pulse opening from fast to slow	
	74-83	Frost1 Ramping from fast to slow	
	84-86	Frost Out	
	87-136	Frost2 indexing	
	137-139	Frost2 In	
	140-149	Frost2 Pulse closing from slow to fast	
	150-159	Frost2 Pulse opening from fast to slow	
	160-169	Frost2 Ramping from fast to slow	
	170-172	Frost Out	
	173-222	Frost1 In 2 indexing	
	223-225	Frost1/2 In	
	226-235	Frost1In 2 Pulse closing from slow to fast	
	236-245	Frost1In 2 Pulse opening from fast to slow	
	246-255	Frost1In 2 Ramping from fast to slow	
24	0-255	**Zoom**	
25	0-255	**ZoomFine**	
26	0-255	**Focus**	
27	0-255	**FocusFine**	
28	0-255	**AutoFocusFine**	
29		**AutoFocus**	
	0-15	Autofocus Off	
	16-55	10 metres	
	56-95	15 metres	
	96-135	20 metres	
	136-175	30 metres	
	176-215	40 metres	
	216-255	50 metres	
30		**Strobe**	
	0-31	Closed	
	32-63	Open	
	64-95	Slow-Fast Strobe	
	96-127	Open	
	128-143	Plus-Fast Close	
	144-159	Plus-Fast Open	
	160-191	Open	
	192-223	Random Slow-Fast Strobe	
	224-255	Open	
31	0-255	**Dimmer**	
32	0-255	**DimmerFine**	
33	0-255	**Hotspot control**	

35CH	DMX	Function	Note
1	0-255	**Pan positioning**	Angle：0-540°
2	0-255	**Fine Pan positioning**	Maximal Speed：3.16S
3	0-255	**Tilt positioning**	Angle：0-270°
4	0-255	**Fine Tilt positioning**	Maximal Speed：2S
5	0-255	**PTSpeed**	
6		**Function**	
	0-79	Unused Range	
	80-84	Dis.Blink off	
	85-89	Dis.Blink on	
	90-94	CMY Mode:Standard	
	95-99	CMY Mode:Theater	
	100-104	Pan/Tilt Mode Standard	
	105-109	Pan/Tilt Mode Fast	
	110-114	Pan/Tilt Mode Precise	
	115-119	FX Auto Focus off	
	120-124	FX Auto Focus on	
	125-129	No function	
	130-139	Lamp ON	
	140-149	PAN/TITL Reset	
	150-159	Color Reset	
	160-169	Gobo Reset	
	170-179	Unused Range	
	180-189	Zoom Reset	
	190-199	Unused Range	
	200-209	Complete Reset	
	210-229	Unused Range	
	230-239	Lamp OFF	
	240-255	Unused Range	
7	0-255	**Dimmer**	
8	0-255	**DimmerFine**	
9		**Strobe**	
	0-31	Closed	
	32-63	Open	
	64-95	Slow-Fast Strobe	0.5->12 HZ
	96-127	Open	
	128-143	Plus-Fast Close	0.5->12 HZ
	144-159	Plus-Fast Open	12->0.5 HZ
	160-191	Open	
	192-223	Random Slow-Fast Strobe	0.5->12 HZ
	224-255	Open	
10	0-255	**Cyan**	
11	0-255	**Magenta**	
12	0-255	**Yellow**	
13	0-255	**CTO**	
14		**ColorWheel**	
	0	White	
	1-127	Continual positioning	
	128-129	CRI	
	130-134	Red	
	135-138	Orange	
	139-143	Aquamarine	
	144-147	Green	
	148-152	Light Green	
	153-157	Lavender	
	158-161	Pink	
	162-166	Yellow	
	167-171	Magenta	
	172-176	Cyan	
	177-180	CTO 260/CTO2	

35CH	DMX	Function	Note
	181-185	CTO 190	
	186-189	Blue	
	190-215	CCW，Fast→Slow Rotation	125->0 RPM
	216-217	Stop	
	218-243	CW，Slow→Fast Rotation	0->125 RPM
	244-249	random colour selection	
	250-255	Auto random colour selection from fast to slow	
15	0-255	**Colour fine positioning**	
		FixgoboWheel	
	0-3	Open	
	4-9	FixGobo 1(Open)	
	10-15	FixGobo 2	
	16-21	FixGobo 3	
	22-27	FixGobo 4	
	28-33	FixGobo 5	
	34-39	FixGobo 6	
	40-45	FixGobo 7	
	46-51	FixGobo 8	
	52-57	FixGobo 9	
	58-63	FixGobo 10	
	64-69	FixGobo 11	
	70-75	FixGobo 12	
	76-81	FixGobo 13	
	82-87	FixGobo 14	
	88-95	FixGobo1shake,slow to fast	0.2->10 HZ
16	96-103	FixGobo2shake,slow to fast	0.2->10 HZ
	104-111	FixGobo3shake,slow to fast	0.2->10 HZ
	112-119	FixGobo4shake,slow to fast	0.2->10 HZ
	120-127	FixGobo5shake,slow to fast	0.2->10 HZ
	128-135	FixGobo6shake,slow to fast	0.2->10 HZ
	136-143	FixGobo7shake,slow to fast	0.2->10 HZ
	144-151	FixGobo8shake,slow to fast	0.2->10 HZ
	152-159	FixGobo9shake,slow to fast	0.2->10 HZ
	160-167	FixGobo10shake,slow to fast	0.2->10 HZ
	168-175	FixGobo11shake,slow to fast	0.2->10 HZ
	176-183	FixGobo12shake,slow to fast	0.2->10 HZ
	184-191	FixGobo13shake,slow to fast	0.2->10 HZ
	192-199	FixGobo14shake,slow to fast	0.2->10 HZ
	200-201	Open/hole	
	202-222	FixGoboWheel CW fast to slow	125->0 RPM
	223-228	Stop	
	229-249	FixGoboWheel CCW slow to fast	0->125 RPM
	250-255	Auto random gobo selection from fast to slow	
		RotgoboWheel	
	0	Open	
	1-10	WhiteOpen	
	11-16	RotGobo1	
	17-22	RotGobo 2	
	23-28	RotGobo 3	
	29-34	RotGobo 4	
	35-40	RotGobo 5	
	41-46	RotGobo 6	
	47-52	RotGobo 7	
	53-58	RotGobo 8	
	59-64	RotGobo 9	
17	65-71	RotGobo1shake,slow to fast	0.2->10 HZ
	72-78	RotGobo2shake,slow to fast	0.2->10 HZ
	79-85	RotGobo3shake,slow to fast	0.2->10 HZ
	86-92	RotGobo4shake,slow to fast	0.2->10 HZ

35CH	DMX	Function	Note
	93-99	RotGobo5shake,slow to fast	0.2->10 HZ
	100-106	RotGobo6shake,slow to fast	0.2->10 HZ
	107-113	RotGobo7shake,slow to fast	0.2->10 HZ
	114-120	RotGobo8shake,slow to fast	0.2->10 HZ
	121-127	RotGobo9shake,slow to fast	0.2->10 HZ
	128-190	RotGoboWheel CW fast to slow	125->0 RPM
	191-192	Stop	
	193-255	RotGoboWheel CCW slow to fast	0->125 RPM
		GoboRot	
	0-127	GoboRot indexing 0°- 360°	
18	128-187	RotGobo CW fast to slow	125->0 RPM
	188-195	Stop	
	196-255	RotGobo CCW slow to fast	0->125 RPM
		Animation	
19	0-19	Open	
	20-127	Proportional indexing	
	128-255	Animation	
		AnimationRot	
	0	AnimationRot indexing 0°	
20	1-127	AnimationRot CW fast to slow	125->0 RPM
	128	Stop	
	129-255	AnimationRot CCW slow to fast	0->125 RPM
		GoboPrism	
	0-3	Prism out	
		Index - set indexing on channel GoboPrismRot	
	4-15	PrismPos1	
	16-27	PrismPos2	
21	28-39	PrismPos3	
		Rotation - set rotation on channel GoboPrismRot	
	40-51	PrismPos1	
	52-63	PrismPos2	
	64-75	PrismPos3	
	76-255	PrismPos3	
		GoboPrismRot	
		Prism indexing	
	0-255	Prism indexing	0-360°
		Prism rotation	
22	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	62.5->0 RPM
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	0->62.5 RPM
		BeamPrism1	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot1	
23	4-15	Prism In	
		Rotation - set rotation on channel BeamPrismRot1	
	16-27	Prism In	
	28-255	Prism In	
		BeamPrismRot1	
		Prism indexing	
	0-255	Prism indexing	0-360°
		Prism rotation	
24	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	62.5->0 RPM
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	0->62.5 RPM

35CH	DMX	Function	Note
		BeamPrism2	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot2	
25	4-15	Prism In	
		Rotation - set rotation on channel BeamPrismRot2	
	16-27	Prism In	
	28-255	Prism In	
		BeamPrismRot2	
		Prism indexing	
	0-255	Prism indexing	0-360°
		Prism rotation	
26	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	62.5->0 RPM
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	0->62.5 RPM
27	0-255	**Frost**	
28	0-255	**Frost2**	
29	0-255	**Zoom**	
30	0-255	**ZoomFine**	
31	0-255	**Focus**	
32	0-255	**FocusFine**	
		AutoFocus	
	0-15	Autofocus Off	
	16-55	10 metres	
	56-95	15 metres	
33	96-135	20 metres	
	136-175	30 metres	
	176-215	40 metres	
	216-255	50 metres	
34	0-255	**AutoFocusFine**	
35	0-255	**Hotspot control**	

36CH	DMX	Function	Note
1	0-255	**Pan positioning**	Angle：0-540°
2	0-255	**Fine Pan positioning**	Maximal Speed：3.16S
3	0-255	**Tilt positioning**	Angle：0-270°
4	0-255	**Fine Tilt positioning**	Maximal Speed：2S
5	0-255	**PTSpeed**	
6		**Function**	
	0-79	Unused Range	
	80-84	Dis.Blink off	
	85-89	Dis.Blink on	
	90-94	CMY Mode:Standard	
	95-99	CMY Mode:Theater	
	100-104	Pan/Tilt Mode Standard	
	105-109	Pan/Tilt Mode Fast	
	110-114	Pan/Tilt Mode Precise	
	115-119	FX Auto Focus off	
	120-124	FX Auto Focus on	
	125-129	No function	
	130-139	Lamp ON	
	140-149	PAN/TITL Reset	
	150-159	Color Reset	
	160-169	Gobo Reset	
	170-179	Unused Range	
	180-189	Zoom Reset	
	190-199	Unused Range	
	200-209	Complete Reset	
	210-229	Unused Range	
	230-239	Lamp OFF	
	240-255	Unused Range	
7	0-255	**Dimmer**	
8	0-255	**DimmerFine**	
9		**Strobe**	
	0-31	Closed	
	32-63	Open	
	64-95	Slow-Fast Strobe	0.5->12 HZ
	96-127	Open	
	128-143	Plus-Fast Close	0.5->12 HZ
	144-159	Plus-Fast Open	12->0.5 HZ
	160-191	Open	
	192-223	Random Slow-Fast Strobe	0.5->12 HZ
	224-255	Open	
10	0-255	**Cyan**	
11	0-255	**Magenta**	
12	0-255	**Yellow**	
13	0-255	**CTO**	
14		**ColorWheel**	
	0	White	
	1-127	Continual positioning	
	128-129	CRI	
	130-134	Red	
	135-138	Orange	
	139-143	Aquamarine	
	144-147	Green	
	148-152	Light Green	
	153-157	Lavender	
	158-161	Pink	
	162-166	Yellow	
	167-171	Magenta	
	172-176	Cyan	
	177-180	CTO 260/CTO2	

36CH	DMX	Function	Note
	181-185	CTO 190	
	186-189	Blue	
	190-215	CCW，Fast→Slow Rotation	125->0 RPM
	216-217	Stop	
	218-243	CW，Slow→Fast Rotation	0->125 RPM
	244-249	random colour selection	
	250-255	Auto random colour selection from fast to slow	
15	0-255	**Colour fine positioning**	
		FixgoboWheel	
	0-3	Open	
	4-9	FixGobo 1(Open)	
	10-15	FixGobo 2	
	16-21	FixGobo 3	
	22-27	FixGobo 4	
	28-33	FixGobo 5	
	34-39	FixGobo 6	
	40-45	FixGobo 7	
	46-51	FixGobo 8	
	52-57	FixGobo 9	
	58-63	FixGobo 10	
	64-69	FixGobo 11	
	70-75	FixGobo 12	
	76-81	FixGobo 13	
	82-87	FixGobo 14	
	88-95	FixGobo1shake,slow to fast	0.2->10 HZ
16	96-103	FixGobo2shake,slow to fast	0.2->10 HZ
	104-111	FixGobo3shake,slow to fast	0.2->10 HZ
	112-119	FixGobo4shake,slow to fast	0.2->10 HZ
	120-127	FixGobo5shake,slow to fast	0.2->10 HZ
	128-135	FixGobo6shake,slow to fast	0.2->10 HZ
	136-143	FixGobo7shake,slow to fast	0.2->10 HZ
	144-151	FixGobo8shake,slow to fast	0.2->10 HZ
	152-159	FixGobo9shake,slow to fast	0.2->10 HZ
	160-167	FixGobo10shake,slow to fast	0.2->10 HZ
	168-175	FixGobo11shake,slow to fast	0.2->10 HZ
	176-183	FixGobo12shake,slow to fast	0.2->10 HZ
	184-191	FixGobo13shake,slow to fast	0.2->10 HZ
	192-199	FixGobo14shake,slow to fast	0.2->10 HZ
	200-201	Open/hole	
	202-222	FixGoboWheel CW fast to slow	125->0 RPM
	223-228	Stop	
	229-249	FixGoboWheel CCW slow to fast	0->125 RPM
	250-255	Auto random gobo selection from fast to slow	
		RotgoboWheel	
	0	Open	
	1-10	Open	
	11-16	RotGobo1	
	17-22	RotGobo 2	
	23-28	RotGobo 3	
	29-34	RotGobo 4	
	35-40	RotGobo 5	
	41-46	RotGobo 6	
	47-52	RotGobo 7	
	53-58	RotGobo 8	
	59-64	RotGobo 9	
17	65-71	RotGobo1shake,slow to fast	0.2->10 HZ
	72-78	RotGobo2shake,slow to fast	0.2->10 HZ
	79-85	RotGobo3shake,slow to fast	0.2->10 HZ
	86-92	RotGobo4shake,slow to fast	0.2->10 HZ

36CH	DMX	Function	Note
	93-99	RotGobo5shake,slow to fast	0.2->10 HZ
	100-106	RotGobo6shake,slow to fast	0.2->10 HZ
	107-113	RotGobo7shake,slow to fast	0.2->10 HZ
	114-120	RotGobo8shake,slow to fast	0.2->10 HZ
	121-127	RotGobo9shake,slow to fast	0.2->10 HZ
	128-190	RotGoboWheel CW fast to slow	125->0 RPM
	191-192	Stop	
	193-255	RotGoboWheel CCW slow to fast	0->125 RPM
		GoboRot	
	0-127	GoboRot indexing 0°- 360°	
18	128-187	RotGobo CW fast to slow	125->0 RPM
	188-195	Stop	
	196-255	RotGobo CCW slow to fast	0->125 RPM
		Animation	
19	0-19	Open	
	20-127	Proportional indexing	
	128-255	Animation	
		AnimationRot	
	0	AnimationRot indexing 0°	
20	1-127	AnimationRot CW fast to slow	125->0 RPM
	128	Stop	
	129-255	AnimationRot CCW slow to fast	0->125 RPM
		GoboPrism	
	0-3	Prism out	
		Index - set indexing on channel GoboPrismRot	
	4-15	PrismPos1	
	16-27	PrismPos2	
21	28-39	PrismPos3	
		Rotation - set rotation on channel GoboPrismRot	
	40-51	PrismPos1	
	52-63	PrismPos2	
	64-75	PrismPos3	
	76-255	PrismPos3	
		GoboPrismRot	
		Prism indexing	
	0-255	Prism indexing	0-360°
		Prism rotation	
22	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	62.5->0 RPM
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	0->62.5 RPM
		BeamPrism1	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot1	
23	4-15	Prism In	
		Rotation - set rotation on channel BeamPrismRot1	
	16-27	Prism In	
	28-255	Prism In	
		BeamPrismRot1	
		Prism indexing	
	0-255	Prism indexing	0-360°
		Prism rotation	
24	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	62.5->0 RPM
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	0->62.5 RPM

36CH	DMX	Function	Note
		BeamPrism2	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot2	
25	4-15	Prism In	
		Rotation - set rotation on channel BeamPrismRot2	
	16-27	Prism In	
	28-255	Prism In	
		BeamPrismRot2	
		Prism indexing	
	0-255	Prism indexing	0-360°
		Prism rotation	
26	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	62.5->0 RPM
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	0->62.5 RPM
27	0-255	**Frost**	
28	0-255	**Frost2**	
29	0-255	**Zoom**	
30	0-255	**ZoomFine**	
31	0-255	**Focus**	
32	0-255	**FocusFine**	
		AutoFocus	
	0-15	Autofocus Off	
	16-55	10 metres	
	56-95	15 metres	
33	96-135	20 metres	
	136-175	30 metres	
	176-215	40 metres	
	216-255	50 metres	
34	0-255	**AutoFocusFine**	
35	0-255	**Hotspot control**	
		Beam Mode	
36	0-127	Spot Mode	
	128-255	Beam Mode	

39CH	DMX	Function	Note
1	0-255	**Pan positioning**	
2	0-255	**Fine Pan positioning**	
3	0-255	**Tilt positioning**	
4	0-255	**Fine Tilt positioning**	
5	0-255	**PTSpeed**	
6		**Function**	
	0-79	Unused Range	
	80-84	Dis.Blink off	
	85-89	Dis.Blink on	
	90-94	CMY Mode:Standard	
	95-99	CMY Mode:Theater	
	100-104	Pan/Tilt Mode Standard	
	105-109	Pan/Tilt Mode Fast	
	110-114	Pan/Tilt Mode Precise	
	115-119	FX Auto Focus off	
	120-124	FX Auto Focus on	
	125-129	No function	
	130-139	Lamp ON	
	140-149	PAN/TITL Reset	
	150-159	Color Reset	
	160-169	Gobo Reset	
	170-179	Unused Range	
	180-189	Zoom Reset	
	190-199	Unused Range	
	200-209	Complete Reset	
	210-229	Unused Range	
	230-239	Lamp OFF	
	240-255	Unused Range	
7	0-255	**Cyan**	
8	0-255	**Magenta**	
9	0-255	**Yellow**	
10		**ColorWheel**	
	0	White	
	1-127	Continual positioning	
	128-129	CRI	
	130-134	Red	
	135-138	Orange	
	139-143	Aquamarine	
	144-147	Green	
	148-152	Light Green	
	153-157	Lavender	
	158-161	Pink	
	162-166	Yellow	
	167-171	Magenta	
	172-176	Cyan	
	177-180	CTO 260/CTO2	
	181-185	CTO 190	
	186-189	Blue	
	190-215	CCW, Fast→Slow Rotation	
	216-217	Stop	
	218-243	CW, Slow→Fast Rotation	
	244-249	random colour selection	
	250-255	Auto random colour selection from fast to slow	
11	0-255	**Colour fine positioning**	
		Virtual colour wheel	
	0	Open/white (0=default)	
	1-2	Filter 4 (Medium Bastard Amber)	
	3-4	Filter 10 (Medium Yellow)	
	5-6	Filter 19 (Fire)	
	7-8	Filter 26 (Bright Red)	
	9-10	Filter 58 (Lavender)	
	11-12	Filter 68 (Sky Blue)	
	13-14	Filter 71 (Tokyo Blue)	
	15-16	Filter 79 (Just Blue)	

39CH	DMX	Function	Note
12	17-18	Filter 88 (Lime Green)	
	19-20	Filter 90 (Dark Yellow Green)	
	21-22	Filter 100 (Spring Yellow)	
	23-24	Filter 101 (Yellow)	
	25-26	Filter 102 (Light Amber)	
	27-28	Filter 103 (Straw)	
	29-30	Filter 104 (Deep Amber)	
	31-32	Filter 105 (Orange)	
	33-34	Filter 106 (Primary Red)	
	35-36	Filter 111 (Dark Pink)	
	37-38	Filter 115 (Peacock Blue)	
	39-40	Filter 116 (Medium Blue-Green)	
	41-42	Filter 117 (Steel Blue)	
	43-44	Filter 118 (Light Blue)	
	45-46	Filter 119 (Dark Blue)	
	47-48	Filter 120 (Deep Blue)	
	49-50	Filter 121 (Filter Green)	
	51-52	Filter 128 (Bright Pink)	
	53-54	Filter 131 (Marine Blue)	
	55-56	Filter 132 (Medium Blue)	
	57-58	Filter 134 (Golden Amber)	
	59-60	Filter 135 (Deep Golden Amber)	
	61-62	Filter 136 (Pale Lavender)	
	63-64	Filter 137 (Special Lavender)	
	65-66	Filter 138 (Pale Green)	
	67-68	Filter 139 (Primary Green)	
	69-70	Filter 141 (Bright Blue)	
	71-72	Filter 147 (Apricot)	
	73-74	Filter 148 (Bright Rose)	
	75-76	Filter 152 (Pale Gold)	
	77-78	Filter 154 (Pale Rose)	
	79-80	Filter 157 (Pink)	
	81-82	Filter 158 (Deep Orange)	
	83-84	Filter 162 (Bastard Amber)	
	85-86	Filter 164 (Flame Red)	
	87-88	Filter 165 (Daylight Blue)	
	89-90	Filter 169 (Lilac Tint)	
	91-92	Filter 170 (Deep Lavender)	
	93-94	Filter 172 (Lagoon Blue)	
	95-96	Filter 179 (Chrome Orange)	
	97-98	Filter 180 (Dark Lavender)	
	99-100	Filter 181 (Congo Blue)	
	101-102	Filter 197 (Alice Blue)	
	103-104	Filter 201 (Full C.T. Blue)	
	105-106	Filter 202 (Half C.T. Blue)	
	107-108	Filter 203 (Quarter C.T. Blue)	
	109-110	Filter 204 (Full C.T. Orange)	
	111-112	Filter 205 (Half C.T. Orange)	
	113-114	Filter 206 (Quarter C.T. Orange)	
	115-116	Filter 247 (Filter Minus Green)	
	117-118	Filter 248 (Half Minus Green)	
	119-120	Filter 281 (Three Quarter C.T. Blue)	
	121-122	Filter 285 (Three Quarter C.T. Orange)	
	123-124	Filter 352 (Glacier Blue)	
	125-126	Filter 353 (Lighter Blue)	
	127-128	Filter 715 (Cabana Blue)	
	129-130	Filter 778 (Millennium Gold)	
	131-132	Filter 793 (Vanity Fair)	
	133-255	Raw DMX proportional	
13		**Effect Speed**	
		Speed of Cyan and Magenta and Yellow movement	
	0-255	Speed of CMY movement from max. to min. (0=default)	

39CH	DMX	Function	Note
		CMY & Colour wheel time	
14	0	Function is off (0=default)	
	1 - 255	Time of CMY and col. wheel movement (0.1sec -->25.5sec.)	
		Zoom & Focus & Frost & Prism time	
	0	Function is off (0=default)	
15	1 - 255	Time of zoom/ focus movement (0.1 sec-->25.5 sec.)	
	1-100	Time of frost movement (0.1 sec -->10 sec)	
	1-50	Time of prism movement (0.1 sec-->5 sec.)	
		Animation	
	0-19	Open	
	20-127	Proportional indexing	
16	128-170	Ramping from open to full position (max--->min. speed)	
	171-213	Ramping from open to half position (max. --->min. speed)	
	214-255	Ramp. from half position to full position (max. --->min. speed)	
		AnimationRot	
	0	AnimationRot indexing 0°	
17	1-127	AnimationRot CW fast to slow	
	128	Stop	
	129-255	AnimationRot CCW slow to fast	
		Effect wheel animations	
	0-3	No animation (0=default)	
		Note : All animations were created at distance of 5 m from screen with zoom=16 DMX. Focus value for each animation is stated in brackets	
		Coloured animations. The channels are blocked: CMY , Colour wheel, Virtual colour wheel, Effect wheel positioning, Effect wheel rot., Rotat. Gobos and Rot. Gobo rotation	
	4-5	Animation Macro 1 (Focus=159 DMX at 5 m)	
	6-7	Animation Macro 2 (Focus=154 DMX at 5 m)	
	8-9	Animation Macro 3 (Focus=154 DMX at 5 m)	
	10-11	Animation Macro 4 (Focus=157 DMX at 5 m)	
	12-13	Animation Macro 5 (Focus=157 DMX at 5 m)	
	14-15	Animation Macro 6 (Focus=166DMX at 5 m)	
	16-17	Animation Macro 7 (Focus=145 DMX at 5 m)	
	18-19	Animation Macro 8 (Focus=162 DMX at 5 m)	
18	20-21	Animation Macro 9 (Focus=162 DMX at 5 m)	
	22-23	Animation Macro 10 (Focus=162 DMX at 5m)	
		Black and white animations . The channels are blocked: Effect wheel positioning, Effect wheel rot., Rotat. Gobos and Rot. Gobo rotation	
	24-25	Animation Macro 1 (Focus=159 DMX at 5 m)	
	26-27	Animation Macro 2 (Focus=154 DMX at 5 m)	
	28-29	Animation Macro 3 (Focus=154 DMX at 5 m)	
	30-31	Animation Macro 4 (Focus=157 DMX at 5 m)	
	32-33	Animation Macro 5 (Focus=157 DMX at 5 m)	
	34-35	Animation Macro 6 (Focus=166DMX at 5 m)	
	36-37	Animation Macro 7 (Focus=145 DMX at 5 m)	
	38-39	Animation Macro 8 (Focus=162 DMX at 5 m)	
	40-41	Animation Macro 9 (Focus=162 DMX at 5 m)	
	42-43	Animation Macro 10 (Focus=162 DMX at 5m)	
	44-255	Raw DMX	
		FixgoboWheel	
	0-3	Open	
	4-9	FixGobo 1(Open)	
	10-15	FixGobo 2	
	16-21	FixGobo 3	
	22-27	FixGobo 4	
	28-33	FixGobo 5	
	34-39	FixGobo 6	
	40-45	FixGobo 7	
	46-51	FixGobo 8	
	52-57	FixGobo 9	
	58-63	FixGobo 10	
	64-69	FixGobo 11	

39CH	DMX	Function	Note
	70-75	FixGobo 12	
	76-81	FixGobo 13	
	82-87	FixGobo 14	
	88-95	FixGobo1shake,slow to fast	
19	96-103	FixGobo2shake,slow to fast	
	104-111	FixGobo3shake,slow to fast	
	112-119	FixGobo4shake,slow to fast	
	120-127	FixGobo5shake,slow to fast	
	128-135	FixGobo6shake,slow to fast	
	136-143	FixGobo7shake,slow to fast	
	144-151	FixGobo8shake,slow to fast	
	152-159	FixGobo9shake,slow to fast	
	160-167	FixGobo10shake,slow to fast	
	168-175	FixGobo11shake,slow to fast	
	176-183	FixGobo12shake,slow to fast	
	184-191	FixGobo13shake,slow to fast	
	192-199	FixGobo14shake,slow to fast	
	200-201	Open/hole	
	202-222	FixGoboWheel CW fast to slow	
	223-228	Stop	
	229-249	FixGoboWheel CCW slow to fast	
	250-255	Auto random gobo selection from fast to slow	
		RotgoboWheel	
		Index - set indexing on channel 21	
	0	Open	
	1-4	WhiteOpen	
	5-7	RotGobo1	
	8-10	RotGobo 2	
	11-13	RotGobo 3	
	14-16	RotGobo 4	
	17-19	RotGobo 5	
	20-22	RotGobo 6	
	23-25	RotGobo 7	
	26-28	RotGobo 8	
	29-31	RotGobo 9	
		Rotation - set rotation on channel 21	
	32-34	RotGobo1	
	35-37	RotGobo 2	
	38-40	RotGobo 3	
	41-43	RotGobo 4	
	44-46	RotGobo 5	
	47-49	RotGobo 6	
	50-52	RotGobo 7	
	53-55	RotGobo 8	
	56-59	RotGobo 9	
		Shaking gobo from slow to fast	
		Index - set indexing on channel 21	
20	60-67	RotGobo1	
	68-75	RotGobo 2	
	76-83	RotGobo 3	
	84-91	RotGobo 4	
	92-99	RotGobo 5	
	100-107	RotGobo 6	
	108-115	RotGobo 7	
	116-123	RotGobo 8	
	124-129	RotGobo 9	
		Shaking gobo from slow to fast	
		Rotation - set rotation on channel 21	
	130-137	RotGobo1	
	138-145	RotGobo 2	
	146-153	RotGobo 3	
	154-161	RotGobo 4	
	162-169	RotGobo 5	
	170-177	RotGobo 6	

39CH	DMX	Function	Note
	178-185	RotGobo 7	
	186-193	RotGobo 8	
	194-199	RotGobo 9	
	200 - 201	Open/hole	
	202 - 222	Forwards gobo wheel rotation from fast to slow	
	223 - 243	Backwards gobo wheel rotation from slow to fast	
	244 - 249	Random gobo selection by audio control	
	250-255	Auto random gobo selection from fast to slow	
		GoboRot	
		Gobo indexing - set position on channel	
	0 - 255	Gobo indexing	
		Gobo rotation - set position on channel	
21	0	GoboRot indexing	
	1-127	RotGobo CW fast to slow	
	128	Stop	
	129-255	RotGobo CCW slow to fast	
22		**Rot. gobo indexing/rotation - fine**	
	0-255	Fine indexing/rotation (0=default)	
		GoboPrism	
	0-3	Prism out	
		Index - set indexing on channel GoboPrismRot	
	4-7	PrismPos1	
	8-11	PrismPos2	
23	12-15	PrismPos3	
		Rotation - set rotation on channel GoboPrismRot	
	16-19	PrismPos1	
	20-23	PrismPos2	
	24-27	PrismPos3	
	28-255	Raw DMX	
		GoboPrismRot	
		Prism indexing	
	0-255	Prism indexing	
		Prism rotation	
24	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	
25		**GoboPrism2**	
	0-255	Raw DMX	
26		**GoboPrismRot2**	
	0-255	Raw DMX	
27		**Pattern sellection**	
	0-255	Raw DMX	
28		**Pattern rotation and indexing**	
	0-255	Raw DMX	
		BeamPrism	
	0-3	Prism out	
		Index - set indexing on channel BeamPrismRot1	
	4-7	PrismPos1	
	8-11	PrismPos2	
	12-15	Raw DMX	
29	16-19	Raw DMX	
		Rotation - set rotation on channel BeamPrismRot1	
	20-23	PrismPos1	
	24-27	PrismPos2	
	28-31	Raw DMX	
	32-35	Raw DMX	
	28-255	Raw DMX	
		BeamPrismRot	
		Prism indexing	
	0-255	Prism indexing	
		Prism rotation	
30	0	Prism indexing	
	1-127	Forwards prism rotation from fast to slow	

39CH	DMX	Function	Note
	128	Stop	
	129-255	Backwards prism rotation from slow to fast	
		Frost	
	0	Frost Out	
	1-50	Frost1 indexing	
	51-53	Frost1 In	
	54-63	Frost1 Pulse closing from slow to fast	
	64-73	Frost1 Pulse opening from fast to slow	
	74-83	Frost1 Ramping from fast to slow	
	84-86	Frost Out	
	87-136	Frost2 indexing	
31	137-139	Frost2 In	
	140-149	Frost2 Pulse closing from slow to fast	
	150-159	Frost2 Pulse opening from fast to slow	
	160-169	Frost2 Ramping from fast to slow	
	170-172	Frost Out	
	173-222	Frost1 In 2 indexing	
	223-225	Frost1/2 In	
	226-235	Frost1In 2 Pulse closing from slow to fast	
	236-245	Frost1In 2 Pulse opening from fast to slow	
	246-255	Frost1In 2 Ramping from fast to slow	
32	0-255	**Zoom**	
33	0-255	**ZoomFine**	
34	0-255	**Focus**	
35	0-255	**FocusFine**	
36	0-255	**Hotspot control**	
		Strobe	
	0-31	Closed	
	32-63	Open	
	64-95	Slow-Fast Strobe	
	96-127	Open	
37	128-143	Plus-Fast Close	
	144-159	Plus-Fast Open	
	160-191	Open	
	192-223	Random Slow-Fast Strobe	
	224-255	Open	
38	0-255	**Dimmer**	
39	0-255	**DimmerFine**	