

LIVE ROXY SHIZUOKA

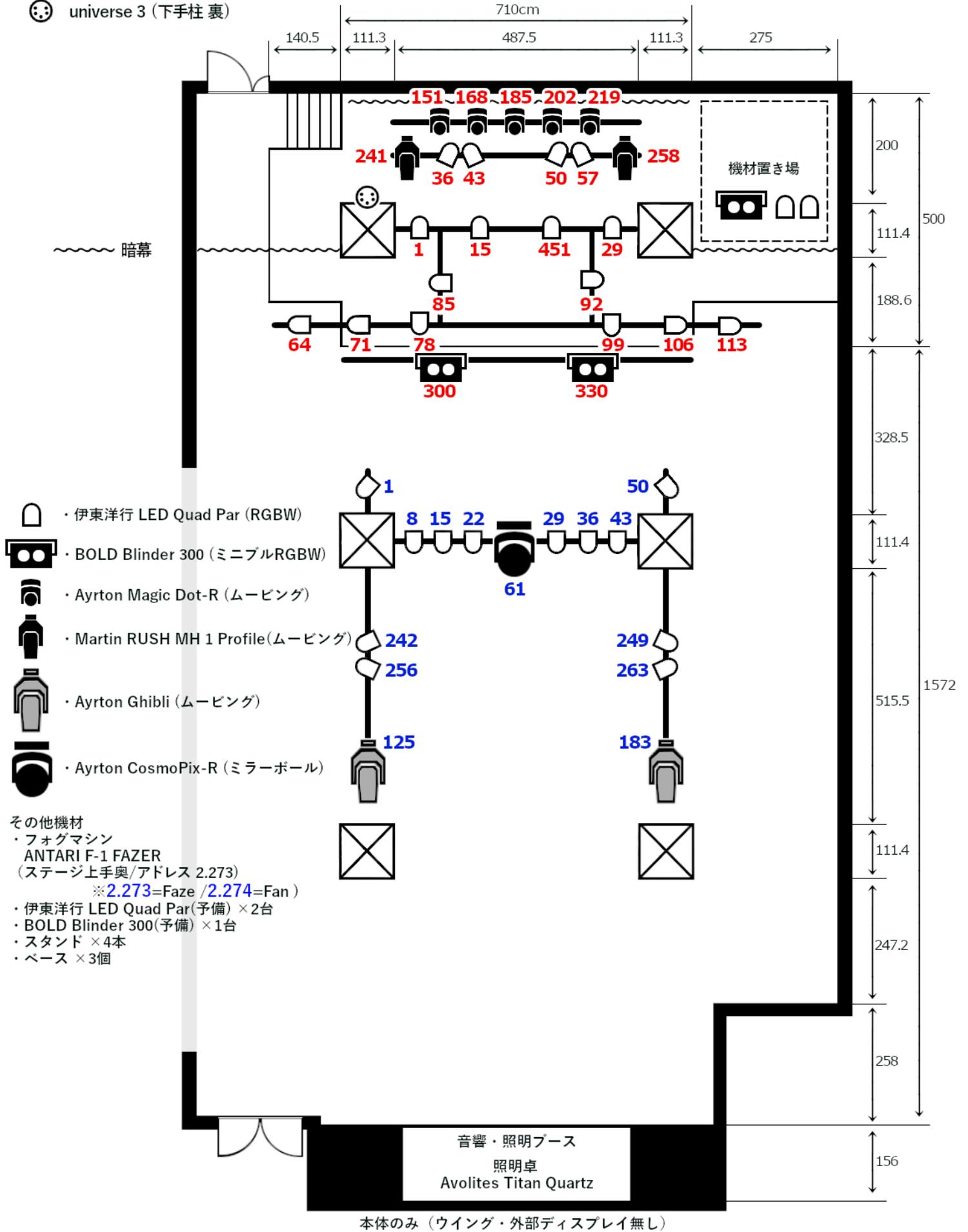
〒420-0851 静岡県静岡市葵区黒金町28-1-2

数字はDMXアドレス

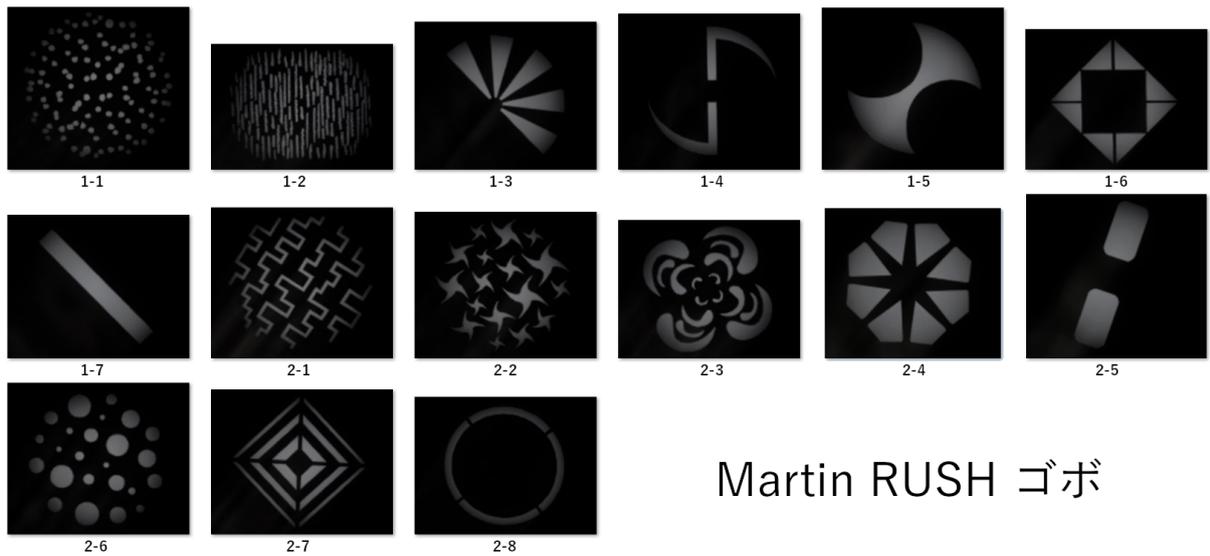
赤文字 universe 1

青文字 universe 2

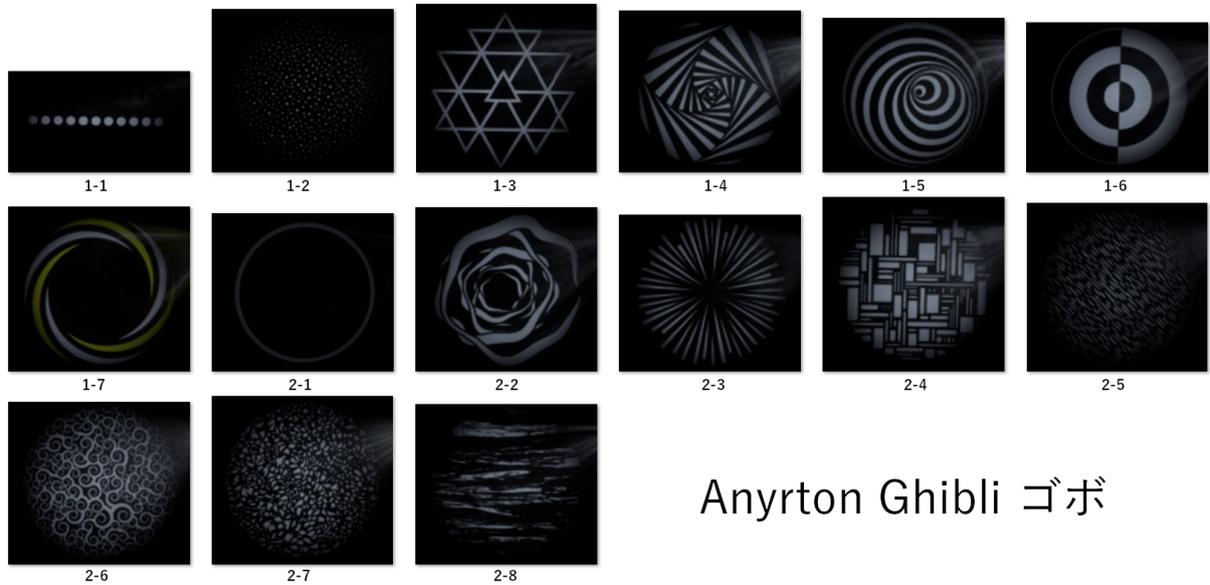
☺ universe 3 (下手柱裏)



■ムービング ゴボー一覧



Martin RUSH ゴボ



Anyrton Ghibli ゴボ

■ミラーボール



Anyrton CosmoPix-R
自分で光るタイプのLEDミラーボールです。

■DMX使用状況

- 1ユニバース		空き	109DMX (1.342~1.450), 55DMX(1.458~1.512) など				
1... F... 1... F... 13 x HPLEDPAR	Free	5 x MagicDot-R	F... 2 x Rush...	Free	1 x... Free	1 x... Free	1... Free
7... 7... 7... 91 DMX	31 DMX	85 DMX	5... 34 DMX	25 DMX	12... 18 DMX	12... 109 DMX	7... 55 DMX
- 2ユニバース		空き	238DMX (2.275~2.512) など				
8 x HPLEDPAR	1 x CosmoPix-R	2 x Ghibli	4 x...	Free			
56 DMX	64 DMX	116 DMX	28 DMX	238 DMX			

DMXチャート

●伊東洋行 LED Quad Par (7ch)

1	Dim	カラーマクロ	DMX		
2	Red	Open	0-0	Blue+White	56-63
3	Green	Red	16-23	Red+Green	64-79
4	Blue	Red+White	24-31	Green+Blue	80-95
5	White	Green	32-39	Red+Blue	96-111
6	ST	Green+White	40-47	Speed	128-255
7	カラーマクロ	Blue	48-55		

●スモーク ANTARI F-1 Fazer (2ch)

1	スモーク	(2.273)
2	ファン	(2.274)

●BOLD Blinder 300 (12ch,8ch,4ch)

12ch / 2セル

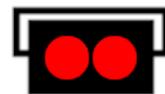
1	Dim
2	Shutter
3	Red
4	Green
5	Blue
6	White
7	Dim
8	Shutter
9	Red
10	Green
11	Blue
12	White

8ch / 2セル

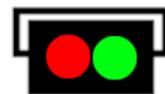
1	Red
2	Green
3	Blue
4	White
5	Red
6	Green
7	Blue
8	White

4ch / 1セル

1	Red
2	Green
3	Blue
4	White



1セル



2セル

- Ayrton MagicDot-R (17ch,15ch)
- Martin RUSH MH-1 Profile (17ch)
- Ayrton Ghibli (58ch,38ch,36ch)
- Ayrton CosmoPix-R (64ch,20ch,18ch)

ムービングとミラーボールにつきましては
次ページからのDMXチャートをご覧ください。
会場卓のデータは一番多いチャンネル数のモードでパッチしています。

DMX CHART

THE following chart shows the functions and corresponding values for each DMX channel according to mode whether Standard (St), Basic (Ba):

MAGICDOT R (15 – 17 DMX channels)					
Mode/Channel		Value	Function		
St	Ba				
1	1		PAN Movement 8bit		
		0-255	Pan Movement		
2			Pan Fine 16bit		
		0-255	Fine control of Pan movement		
3	2		TILT Movement 8bit		
		0-255	Tilt Movement		
4			Tilt Fine 16bit		
		0-255	Fine control of Tilt movement		
5	3		Speed Pan/Tilt movement		
		0-225	max to min speed		
		226-235	blackout by movement		
6	4		Pan Motor continuous rotation		
		0-127	no function		
		128-189	Forwards Pan rotation from fast to slow		
		190-193	No rotation		
7	5		Tilt Motor continuous rotation		
		0-127	no function		
		128-189	Forwards Tilt rotation from fast to slow		
		190-193	No rotation		
8	6		Red LED :		
		0-255	Red (0-Black , 255-100% Red)		
		9	7		Green LED :
				0-255	Green (0-Black , 255-100% Green)
10	8		Blue LED :		
		0-255	Blue (0-Black , 255-100% Blue)		
11	9		White LED :		
		0-255	White (0-Black , 255-100% White)		
12	10		Shutter, strobe:		
		0-31	Led turn off		
		32-63	Led turn on		
		64-95	Strobe effect slow to fast		
		96-127	Led turn on		
		128-159	Pulse-effect in sequences		
		160-191	Led turn on		
		192-223	Random strobe effect slow to fast		
224-255	Led turn on				
13	11		Dimmer intensity:		
		0-255	Intensity 0 to 100%		
14	12		Color Macro:		
		0-7	No function		
		8-39	from RED to YELLOW		
		40-71	from YELLOW to GREEN		
		72-103	from GREEN to CYAN		
		104-135	from CYAN to BLUE		
		136-167	from BLUE to MAGENTA		
		168-199	from MAGENTA to RED		
200-231	from RED to WHITE				
232-255	Crossfading colours from slow to fast				

DMX channel's functions and their values (44 DMX channels)			
Mode/Channel		Value	Function
St	Ex		
15	13		Color Presets:
		0-4	No function
		5-9	White2700k
		10-14	White3200k
		15-19	White4300k
		20-24	White5600k
		25-29	White6500k
		30-34	White8000k
		35-39	Yellow
		40-44	Magenta
		45-49	Cyan
		50-54	Salmon
		55-59	Turquoise
		60-64	Light Green
		65-69	Steel Blue
		70-74	Orange
		75-79	Straw
		80-84	Pale Lavander
85-89	Pink		
90-94	Red		
95-99	Green		
100-104	Blue		
105-109	White		
200-255	Reserved		
16	14		Colo Preset Dimmer
		0-255	Dimmer 100 to 0%
17	15		Reset, internal programs
		0-79	Normal
		80-84	All motor reset
		85-87	Scan motor reset
		88-90	no function
		91-93	no function
		94-96	no function
		97-99	no function
		100-119	Internal program 1 (scene 1~8 of EEPROM)
		120-139	Internal program 2 (scene 9~16 of EEPROM)
		140-159	Internal program 3 (scene 17~24 of EEPROM)
		160-179	Internal program 4 (scene 25~32 of EEPROM)
		180-199	Internal program 5 (scene 33~40 of EEPROM)
		200-219	Internal program 6 (scene 41~48 of EEPROM)
		220-239	Internal program 7 (scene 49~56 of EEPROM)
240-255	Internal program 8 (scene 57~64 of EEPROM)		

DMX protocol

Chan.	Value	Function
1	1-255	Pan 0°-540°
2	1-255	Pan (fine control)
3	1-255	Tilt 0°-270°
4	1-255	Tilt (fine control)
5	1-254	Pan/tilt speed, fast- slow
	255	Pan/tilt speed, fast
6	0-255	Dimmer 0-100%
7	Strobe	
	0-7	Off
	8-15	Open
	16-131	Strobe, slow-fast
	132-139	Open
	140-181	Fast close, slow open
	182-189	Open
	190-231	Slow close, fast open
	232-239	Open
	240-247	Random strobe
	248-255	Open
8	Color wheel 1	
	0-7	Color 1 – Open
	8-15	Color 2 – Light Blue
	16-23	Color 3 – Green
	24-31	Color 4 – Orange
	32-39	Color 5 – Yellow
	40-47	Color 6 – Magenta
	48-55	Color 7 – Dark blue
	56-63	Color 8 – Red
	64-127	Indexing
	128-189	Clockwise, fast-slow
	190-193	Stop
194-255	Counter-clockwise, slow-fast	
9	Color wheel 2	
	0-7	Color 1 – Open
	8-15	Color 2 – Pink
	16-23	Color 3 – CTO 3200 K
	24-31	Color 4 – Purple
	32-39	Color 5 – Yellow
	40-47	Color 6 – Green

Chan.	Value	Function
	48-55	Color 7 – CTO 5600 K
	56-63	Color 8 –Blue
	64-127	Indexing
	128-189	Clockwise, fast-slow
	190-193	Stop
	194-255	Counter-clockwise, slow-fast
10	Gobo wheel 1 (rotating gobos)	
	0-7	Open
	8-15	Gobo 1
	16-23	Gobo 2
	24-31	Gobo 3
	32-39	Gobo 4
	40-47	Gobo 5
	48-55	Gobo 6
	56-63	Gobo 7
	64-73	Gobo 1 shake
	74-82	Gobo 2 shake
	83-91	Gobo 3 shake
	92-100	Gobo 4 shake
	101-109	Gobo 5 shake
	110-118	Gobo 6 shake
	119-127	Gobo 7 shake
	128-189	Wheel rotation, clockwise, fast-slow
	190-193	Stop
	194-255	Wheel rotation, counter clockwise, slow-fast
11	Gobo rotation (wheel 1)	
	0-127	Indexed position, 0°-360°
	128-189	Clockwise rotation, fast-slow
	190-193	Stop
	194-255	Counter-clockwise rotation, slow-fast

Chan.	Value	Function
12	Gobo wheel 2 (fixed gobos)	
	<div style="display: flex; justify-content: space-around; text-align: center;"> <div>Gobo1 </div> <div>Gobo2 </div> <div>Gobo3 </div> <div>Gobo4 </div> <div>Gobo5 </div> <div>Gobo6 </div> <div>Gobo7 </div> <div>Gobo8 </div> </div>	
	0-7	Open
	8-14	Gobo 1
	15-21	Gobo 2
	22-28	Gobo 3
	29-35	Gobo 4
	36-42	Gobo 5
	43-49	Gobo 6
	50-56	Gobo 7
	57-63	Gobo 8
	64-71	Gobo 1 shake
	72-79	Gobo 2 shake
	80-87	Gobo 3 shake
	88-95	Gobo 4 shake
	96-103	Gobo 5 shake
	104-111	Gobo 6 shake
	112-119	Gobo 7 shake
	120-127	Gobo 8 shake
	128-189	Wheel rotation, counter clockwise, fast-slow
190-193	Stop	
194-255	Wheel rotation, clockwise, slow-fast	
13	Prism	
	0-127	No effect
	128-255	Prism effect
14	Prism rotation	
	0-127	Indexed position 0°-360°
	128-189	Clockwise rotation, fast-slow
	190-193	Stop
	194-255	Counter-clockwise rotation, slow-fast
15	0-255	Iris, maximum-minimum
16	0-255	Focus, close-distant
17	Settings and fixture control	
	0-69	No function
	70-79	Blackout during pan & tilt
	80-89	Disable blackout during pan & tilt

Chan.	Value	Function
	90-99	Blackout during color change
	100-109	Disable blackout during color change
	110-119	Blackout during gobo change
	120-129	Disable blackout during gobo change
	130-139	No function
	140-149	Pan/tilt reset
	150-159	Color reset
	160-169	Gobo reset
	170-179	No function
	180-189	Focus reset
	190-199	No function
	200-209	Reset all
	210-219	Blackout during pan/tilt or color/gobo change
	220-229	Disable blackout during pan/tilt or color/gobo change
	230-255	No function

11. DMX PROTOCOL

DMX channel's functions and their values (57DMX channels):				
Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1		PAN Movement 8bit :
			0-255	Pan Movement
2		2		Pan Fine 16bit
			0-255	Fine control of Pan movement
3	2	3		TILT Movement 8bit :
			0-255	Tilt Movement
4		4		Tilt Fine 16bit
			0-255	Fine control of Tilt movement
5	3	5		Speed Pan/Tilt movement:
			0-225	max to min speed
			226-235	blackout by movement
			236-245	blackout by all wheel changing
6	4	6	246-255	no function
				Shutter, strobe:
			0-31	Shutter closed
			32-63	No function (shutter open)
			64-95	Strobe effect slow to fast
			96-127	No function (shutter open)
			128-159	Pulse-effect in sequences
			160-191	No function (shutter open)
192-223	Random strobe effect slow to fast			
224-255	No function (shutter open)			
7	5	7		Dimmer intensity:
			0-255	Intensity 0 to 100%
		8		Fine Dimmer intensity:
			0-255	Dimmer intensity fine
8	6	9		Chase Patterns
			0-9	Open
			10-19	Chase 1
			20-29	Chase 2
			30-39	Chase 3
			40-49	Chase 4
			50-59	Chase 5
			60-69	Chase 6
			70-79	Chase 7
80-89	Chase 8			

			90-99	Chase 9
			100-109	Chase 10
			110-119	Chase 11
			120-129	Chase 12
			130-139	Chase 13
			140-255	Reserved
9	7	10		Chase Speed
			0-125	Fast to Slow Backward
			126-130	Stop
			131-255	Slow to Fast Forward
10	8	11		Chase Fade
			0-255	Fade Chase
11	9	12		Zoom :
			0-255	Zoom adjustment from small to big
		13		Zoom Fine:
			0-255	Zoom adjustment Fine
12	10	14		Focus :
			0-255	Continuous adjustment from near to far
		15		Focus Fine:
			0-255	Continuous adjustment Fine
13	11	16		Auto Focus :
			0-50	Auto Focus Off
			51-100	5m
			101-150	7.5m
			151-200	10m
			201-255	15m
14	12	17		AutoFocus Fine:
			0-255	Continuous adjustment Fine
15	13	18		Color Wheel:
			0-17	Open / white
			18-35	Color 1 (CRI Filter)
			36-53	Color 2 (Congo Blue)
			54-71	Color 3 (Green)
			72-89	Color 4 (Orange)
			90-107	Color 5 (Light Blue)
			108-127	Color 6 (Red)
			128-189	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
		19		Color Wheel Fine :
			0-255	Color Wheel colour change to any position Fine
16	14	20		Cyan Color :
			0-255	Cyan (0-white, 255-100% Cyan)

		21		Cyan Color Fine :
			0-255	Cyan Fine
17	15	22		Magenta Color :
			0-255	Magenta (0-white, 255-100% magenta)
		23		Magenta Color Fine :
			0-255	Magenta Fine
18	16	24		Yellow Color :
			0-255	Yellow (0-white, 255-100% Yellow)
		25		Yellow Color Fine :
			0-255	Yellow Fine
19	17	26		CTO Color :
			0-255	CTO (0-white, 255-100% CTO)
		27		CTO Color Fine :
			0-255	CTO Fine
				Rotating gobos, cont. rotation 1:
			0-9	Open
			10-19	Rot. gobo 1
			20-29	Rot. gobo 2
			30-39	Rot. gobo 3
			40-49	Rot. gobo 4
			50-59	Rot. gobo 5
			60-69	Rot. gobo 6
			70-77	Rot. Gobo 7
20	18	28	78-93	Gobo 1 shake slow to fast
			94-109	Gobo 2 shake slow to fast
			110-125	Gobo 3 shake slow to fast
			126-141	Gobo 4 shake slow to fast
			142-157	Gobo 5 shake slow to fast
			158-173	Gobo 6 shake slow to fast
			174-189	Gobo 7 shake slow to fast
			190-221	Gobo wheel rotation forwards from fast to slow
			222-223	No rotation
			224-255	Gobo wheel rotation f backwards from slow to fast
				Rotating gobo index,rotating gobo rotation 1:
21	19	29	0-127	Gobo indexing
			128-189	Forwards gobo rotation from fast to slow
			190-193	No rotation
			194-255	Backwards gobo rotation from slow to fast
		30		Rotating gobo indexing Fine 1:
			0-255	Fine indexing
22	20	31		Fixed Gobo2 :
			0-21	open
			22-31	Gobo 1

			32-41	Gobo 2
			42-51	Gobo 3
			52-61	Gobo 4
			62-71	Gobo 5
			72-81	Gobo 6
			82-91	Gobo 7
			92-101	Gobo 8
			102-112	Gobo 1 shake slow to fast
			113-123	Gobo 2 shake slow to fast
			124-134	Gobo 3 shake slow to fast
			135-145	Gobo 4 shake slow to fast
			146-156	Gobo 5 shake slow to fast
			157-167	Gobo 6 shake slow to fast
			168-178	Gobo 7 shake slow to fast
			179-189	Gobo 8 shake slow to fast
			190-221	Clock-wise scroll from fast to slow
			222-223	Reserved
			224-255	Counter clock-wise scroll from slow to fast
23	21	32		Animation wheel:
			0-7	open
			8-127	Forwards rotation from fast to slow
			128-135	No rotation
			136-255	Backwards rotation from slow to fast
24	22	33		Iris:
			0-191	Max. diameter to Min.diameter
			192-223	Pulse closing fast to slow
			224-255	Pulse opening slow to fast
		34		Iris Fine:
			0-255	Iris Fine
25	23	35		Prism :
			0-127	Open
			128-255	5 Facets Prim
26	24	36		Rotating prism index, rotating prism rotation
			0-127	Prism indexing
			128-189	Forwards prism rotation from fast to slow
			190-193	No rotation
			194-255	Backwards prism rotation from slow to fast
		37		Rotating prism indexing Fine :
			0-255	Fine indexing
27	25	38		Frost 1:
			0-255	0-100%
28	26	39		Frost 2 :
			0-255	0-100%

29	27	40		Blade 1 A :
			0-255	Open to Close
		41		Blade 1 A Fine :
			0-255	Open to Close Fine
30	28	42		Blade 1 B :
			0-255	Open to Close
		43		Blade 1 B Fine :
			0-255	Open to Close Fine
31	29	44		Blade 2 A:
			0-255	Open to Close
		45		Blade 2 A Fine :
			0-255	Open to Close Fine
32	30	46		Blade 2 B :
			0-255	Open to Close
		47		Blade 2 B Fine :
			0-255	Open to Close Fine
33	31	48		Blade 3 A :
			0-255	Open to Close
		49		Blade 3 A Fine :
			0-255	Open to Close Fine
34	32	50		Blade 3 B :
			0-255	Open to Close
		51		Blade 3 B Fine :
			0-255	Open to Close Fine
35	33	52		Blade 4 A :
			0-255	Open to Close
		53		Blade 4 A Fine :
			0-255	Open to Close Fine
36	34	54		Blade 4 B :
			0-255	Open to Close
		55		Blade 4 B Fine :
			0-255	Open to Close Fine
37	35	56		All Blade Rotation :
			0-255	All Blade Rotation
		57		All Blade Rotation Fine :
			0-255	All Blade Rotation Fine
38	36	58		LED on/off, reset, internal programs:
			0-9	Unused
			10-14	Display OFF
			15-19	Display ON
			20-24	Display Invert Off
			25-29	Display invert On
			30-34	Auto Fan mode

			35-39	Stage Fan mode
			40-44	Studio Fan mode
			45-49	Silence Fan mode
			50-54	Square law dimming curve
			55-59	Linear dimming curve
			60-64	1,2kHz PWM frequency
			65-69	2,4kHz PWM frequency
			70-74	16kHz PWM frequency
			75-79	Unused
			80-84	All motor reset
			85-87	Pan&Tilt reset
			88-90	Color motor reset
			91-93	Gobo motor reset
			94-99	Other motoir reset
			100-119	Internal program 1 (scene1~8 of EEPROM)
			120-139	Internal program 2 (scene9~16 of EEPROM)
			140-159	Internal program 3 (scene17~24 of EEPROM)
			160-179	Internal program 4 (scene25~32 of EEPROM)
			180-199	Internal program 5 (scene33~40 of EEPROM)
			200-219	Internal program 6 (scene41~48 of EEPROM)
			220-239	Internal program 7 (scene49~56 of EEPROM)
			240-255	Internal program 8 (scene49~56 of EEPROM)

DMX CHART

THE following chart shows the functions and corresponding values for each DMX channel according to mode whether Standard (St), Basic (Ba) or Extended (Ex):

COSMOPIX-R (18 - 20 - 64 channels)				
Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1	0-255	PAN Movement 8bit : Pan Movement
2		2	0-255	Pan Fine 16bit Fine control of Pan movement
3	2	3	0-255	TILT Movement 8bit : Tilt Movement
4		4	0-255	Tilt Fine 16bit Fine control of Tilt movement
5	3	5		Speed Pan/Tilt movement:
			0-225	max to min speed
			226-235	blackout by movement
6	4	6		Pan Motor continuous rotation :
			0-127	No function
			128-189	Forwards Pan rotation from fast to slow
			190-193	No rotation
7	5	7		Tilt Motor continuous rotation :
			0-127	no function
			128-189	Forwards Tilt rotation from fast to slow
			190-193	No rotation
8	6			Red LED - All arrays
			0-255	Red (0-Black , 255-100% Red)
9	7			Green LED - All arrays
			0-255	Green (0-Black , 255-100% Green)
10	8			Blue LED - All arrays
			0-255	Blue (0-Black , 255-100% Blue)
11	9			White LED - All arrays
			0-255	White (0-Black , 255-100% White)
		17		Red LED - array 1
			0-255	Red (0-Black , 255-100% Red)
		18		Green LED - array 1
			0-255	Green (0-Black , 255-100% Green)
		19		Blue LED - array 1
			0-255	Blue (0-Black , 255-100% Blue)
		20		White LED - array 1
			0-255	White (0-Black , 255-100% White)
		21		Red LED - array 2
			0-255	Red (0-Black , 255-100% Red)
		22		Green LED - array 2
			0-255	Green (0-Black , 255-100% Green)
		23		Blue LED - array 2
			0-255	Blue (0-Black , 255-100% Blue)
		24		White LED - array 2
			0-255	White (0-Black , 255-100% White)
	
		61		Red LED - array 12
			0-255	Red (0-Black , 255-100% Red)
		62		Green LED - array 12
			0-255	Green (0-Black , 255-100% Green)

COSMOPIX-R (18 - 20 - 64 channels)				
Mode/Channel			Value	Function
St	Ba	Ex		
		63		Blue LED - array 12
			0-255	Blue (0-Black , 255-100% Blue)
		64		White LED - array 12
			0-255	White (0-Black , 255-100% White)
12	10	8		Shutter, strobe:
			0-31	Led turn off
			32-63	Led turn on
			64-95	Strobe effect slow to fast
			96-127	Led turn on
			128-159	Pulse-effect in sequences
			160-191	Led turn on
			192-223	Random strobe effect slow to fast
13	11	9		Dimmer intensity:
			0-255	Intensity 0 to 100%
14	12	10		Color Macro:
			0-7	No function
			8-39	from RED to YELLOW
			40-71	from YELLOW to GREEN
			72-103	from GREEN to CYAN
			104-135	from CYAN to BLUE
			136-167	from BLUE to MAGENTA
			168-199	from MAGENTA to RED
			200-231	from RED to WHITE
			232-255	Crossfading colours from slow to fast
15	13	11		Color Presets:
			0-4	No function
			5-9	White 2700K
			10-14	White 3200K
			15-19	White 4300K
			20-24	White 5600K
			25-29	White 6500K
			30-34	White 8000K
			35-39	Yellow
			40-44	Magenta
			45-49	Cyan
			50-54	Salmon
			55-59	Turquoise
			60-64	Light Green
			65-69	Steel Blue
			70-74	Orange
			75-79	Straw
80-84	Pale Lavander			
85-89	Pink			
90-94	Red			
95-99	Green			
100-104	Blue			
105-109	White			
110-114	Rainbow 1			
115-119	Rainbow 2			
120-124	Rainbow 3			
125-255	Reserved			
19	17	15		Color Presets Dimmer:
			0-255	Dimmer 100 to 0%

COSMOPIX-R (18 - 20 - 64 channels)				
Mode/Channel			Value	Function
St	Ba	Ex		
16	14	12		Chase Patterns
			0-9	LED turn Off
			10-11	Chase 1
			12-13	Chase 2
			14-15	Chase 3
			16-17	Chase 4
			18-19	Chase 5
			20-21	Chase 6
			22-23	Chase 7
			24-25	Chase 8
			26-27	Chase 9
			28-29	Chase 10
			30-31	Chase 11
			32-33	Chase 12
			34-35	Chase 13
			36-37	Chase 14
			38-39	Chase 15
			40-41	Chase 16
			42-43	Chase 17
			44-45	Chase 18
			46-47	Chase 19
			48-49	Chase 20
			50-51	Chase 21
			52-53	Chase 22
			54-55	Chase 23
			56-57	Chase 24
			58-59	Chase 25
			60-61	Chase 26
			62-63	Chase 27
			64-65	Chase 28
			66-67	Chase 29
			68-69	Chase 30
			70-71	Chase 31
			72-73	Chase 32
			74-75	Chase 33
			76-77	Chase 34
			78-79	Chase 35
			80-81	Chase 36
			82-83	Chase 37
			84-85	Chase 38
			86-87	Chase 39
			88-89	Chase 40
			90-91	Chase 41
			92-93	Chase 42
			94-95	Chase 43
			96-97	Chase 44
			98-99	Chase 45
			100-101	Chase 46
			102-103	Chase 47
			104-105	Chase 48
			106-107	Chase 49
			108-109	Chase 50
			110-111	Chase 51
			112-113	Chase 52
			114-115	Chase 53
			116-117	Chase 54
			118-119	Chase 55
			120-121	Chase 56
122-123	Chase 57			
124-125	Chase 58			

COSMOPIX-R (18 - 20 - 64 channels)				
Mode/Channel			Value	Function
St	Ba	Ex		
16	14	12	126-127	Chase 59
			128-129	Chase 60
			130-131	Chase 61
			132-133	Chase 62
			134-135	Chase 63
			136-137	Chase 64
			138-139	Chase 65
			140-141	Chase 66
			142-143	Chase 67
			144-145	Chase 68
			146-147	Chase 69
			148-149	Chase 70
			150-151	Chase 71
			152-153	Chase 72
			154-155	Chase 73
			156-157	Chase 74
			158-159	Chase 75
			160-161	Chase 76
			162-163	Chase 77
			164-165	Chase 78
			166-167	Chase 79
			168-169	Chase 80
			170-171	Chase 81
			172-173	Chase 82
			174-175	Chase 83
			176-177	Chase 84
			178-179	Chase 85
			180-181	Chase 86
			182-183	Chase 87
			184-185	Chase 88
			186-187	Chase 89
			188-189	Chase 90
			190-191	Chase 91
			192-193	Chase 92
			194-195	Chase 93
			196-197	Chase 94
			198-199	Chase 95
			200-201	Chase 96
			202-203	Chase 97
			204-205	Chase 98
			206-207	Chase 99
			208-209	Chase 100
			210-211	Chase 101
212-213	Chase 102			
214-215	Chase 103			
216-217	Chase 104			
218-219	Chase 105			
220-221	Chase 106			
222-223	Chase 107			
224-225	Chase 108			
226-227	Chase 109			
228-229	Chase 110			
230-255	Reserved			
17	15	13		Chase Speed
			0-125	Fast to Slow Backward
			126-130	Stop (Speed=0)
			131-255	Slow to Fast Forward
18	16	14		Chase Fade
			0-255	Fade Chase

COSMOPIX-R (18 - 20 - 64 channels)				
Mode/Channel			Value	Function
St	Ba	Ex		
20	18	16		Reset, internal programs:
			0-79	Normal
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	no function
			91-93	no function
			94-96	no function
			97-99	no function
			100-119	Internal program 1 (scene 1~8 of EEPROM)
			120-139	Internal program 2 (scene 9~16 of EEPROM)
			140-159	Internal program 3 (scene 17~24 of EEPROM)
			160-179	Internal program 4 (scene 25~32 of EEPROM)
			180-199	Internal program 5 (scene 33~40 of EEPROM)
			200-219	Internal program 6 (scene 41~48 of EEPROM)
			220-239	Internal program 7 (scene 49~56 of EEPROM)
240-255	Internal program 8 (scene 57~64 of EEPROM)			