

DMX CHARTS

RDM Personality ID List

ID	DMX Mode	Footprint
1	STANDARD	43

RDM Model ID

0xA041

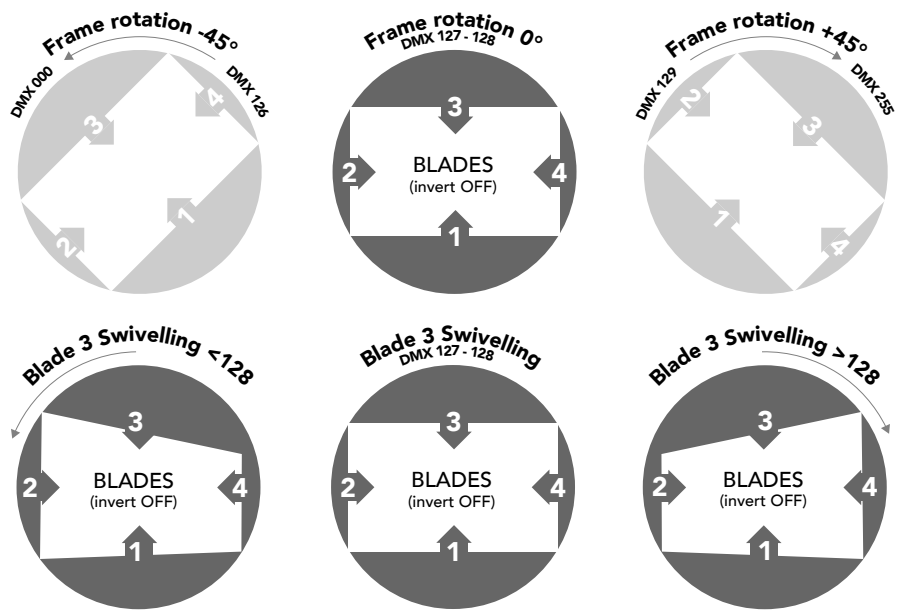
DMX Chart Summary

Channel	STANDARD
1	Pan
2	Pan fine
3	Tilt
4	Tilt fine
5	Dimmer
6	Dimmer Fine
7	Shutter
8	Cyan
9	Magenta
10	Yellow
11	CTO Wheel
12	Color Wheel
13	Rot Gobo Wheel
14	Gobo Rot
15	Gobo Rot Fine
16	Fix Gobo Wheel 1
17	Prism 1 Circular
18	Prism 1 Index/Rotation
19	Prism 2 Linear
20	Prism 2 Index/Rotation
21	Light Frost
22	Heavy Frost

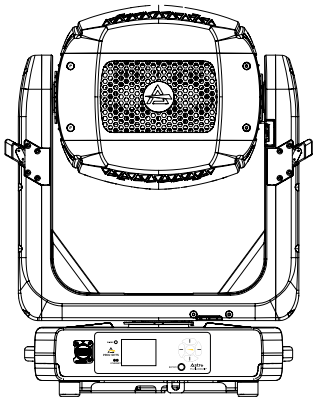
Channel	STANDARD
23	Iris
24	Iris Fine
25	Zoom
26	Zoom Fine
37	Focus
28	Focus Fine
29	Animation Insertion
30	Animation Rotation
31	Blade 1 position
32	Blade 1 swivelling
33	Blade 2 position
34	Blade 2 swivelling
35	Blade 3 position
36	Blade 3 swivelling
37	Blade 4 position
38	Blade 4 swivelling
39	Frame rotation
40	Frame macros
41	Frame macros speed
42	Focus Tracking
43	Control

BLADES BEHAVIOUR

Check Below image for all the informations about the profile module



PROJECTION ON THE WALL



Fixture with
CUSTOM HOME POSITION
and PAN/TILT channels @
PAN @50% - DMX128
TILT @ 84% - DMX 214

Fixture with
STANDARD HOME POSITION
and PAN/TILT channels @
PAN @50% - DMX 172
TILT @ 84% - DMX 214

Fig.11

FOCUS TRACKING

This function provides auto-adjustment of the focus during the zoom movement:

1. Select the function to be tracked via channel 42 ("Focus Tracking");
2. Focus the selected function at a narrow zoom (**NOTE: the zoom value must be less than 135**);
3. As you adjust the zoom, the focus will automatically follow, keeping the projection focused;
4. If you select a different function via channel 42 ("Focus Tracking"), the focus will automatically adjust to track the new selection.

Channel STANDARD	Name	Function	DMX		Default
			From	To	
1	Pan	Pan movement	0	255	128
2	Pan fine	Fine pan movement	0	255	0
3	Tilt	Tilt movement	0	255	128
4	Tilt fine	Fine tilt movement	0	255	0
5	Dimmer	Dimmer intensity 0 – 100%	0	255	0
6	Dimmer Fine	Fine dimming	0	255	0
7	Shutter	Open	0	1	0
		Strobe from slow to fast	2	62	
		Open	63	64	
		Pulse in from slow to fast	65	125	
		Close	126	127	
		Pulse out from slow to fast	128	188	
		Open	189	190	
		Randon from slow to fast	191	251	
		Open	252	255	
8	Cyan Wheel	Open	0	0	0
		Linear saturation 0 – 100%	1	255	
9	Magenta Wheel	Open	0	0	0
		Linear saturation 0 – 100%	1	255	
10	Yellow Wheel	Open	0	0	0
		Linear saturation 0 – 100%	1	255	
11	CTO Wheel	Open	0	0	0
		Linear saturation 0 – 100%	1	255	
12	Color Wheel	Color Linear Movement			0
		Open	0	7	
		Open + Deep Red	8	27	
		Deep Red	28	28	
		Deep Red + Deep Yellow	29	48	
		Deep Yellow	49	49	
		Deep Yellow + High CRI	50	69	
		High CRI	70	70	
		High CRI + Full CTB	71	90	
		Full CTB	91	91	
		Full CTB + Forest Green	92	111	
		Forest Green	112	112	
		Forest Green + Dark Blue	113	132	
		Dark Blue	133	133	
		Dark Blue + Open	134	153	
		Open	154	159	

Channel STANDARD	Name	Function	DMX		Default
			From	To	
12	Color Wheel	Color Slot			0
		Open	160	164	
		Deep Red	165	169	
		Deep Yellow	170	174	
		High CRI	175	179	
		Full CTB	180	184	
		Forest Green	185	189	
		Dark Blue	190	199	
		Color Wheel Rotation			
		Forward rainbow - Fast to slow	200	224	
		No rotation	225	230	
		Backwards rainbow - Slow to fast	231	255	
13	Rot Gobo Wheel	Open	0	4	0
		Gobo Indexing (set next ch)			
		GOBO 1	5	10	
		GOBO 2	11	16	
		GOBO 3	17	22	
		GOBO 4	23	28	
		GOBO 5	29	34	
		GOBO 6	35	40	
		GOBO 7	41	46	
		Gobo Rotation (set next ch)			
		GOBO 1	47	52	
		GOBO 2	53	58	
		GOBO 3	59	64	
		GOBO 4	65	70	
		GOBO 5	71	76	
		GOBO 6	77	82	
		GOBO 7	83	88	
		Gobo shaking			
		GOBO 1 shake	89	103	
		GOBO 2 shake	104	118	
		GOBO 3 shake	119	133	
		GOBO 4 shake	134	148	
		GOBO 5 shake	149	163	
		GOBO 6 shake	164	178	
		GOBO 7 shake	179	193	

Channel STANDARD	Name	Function	DMX		Default
			From	To	
13	Rot Gobo Wheel	Gobo Wheel Rotation			
		Forward rotation - Fast to slow	194	223	
		No rotation	224	225	
		Backwards rotation - Slow to fast	226	255	
14	Gobo Rot	Gobo Indexing			0
		Gobo index 0° - 360°	0	255	
		Gobo Rotation			
		No rotation	0	0	
		Forward gobo rotation - Fast to slow	1	127	
		No rotation	128	128	
		Backwards gobo rotation - Slow to fast	129	255	
15	Gobo Rot Fine	Fine indexing/rotation	0	255	0
16	Fix Gobo Wheel 1	Open	0	9	0
		Gobo selection			
		GOBO 1	10	16	
		GOBO 2	17	23	
		GOBO 3	24	30	
		GOBO 4	31	37	
		GOBO 5	38	44	
		GOBO 6	45	51	
		GOBO 7	52	58	
		GOBO 8	59	65	
		Gobo shaking - Slow to fast			
		GOBO 1 shake	66	81	
		GOBO 2 shake	82	97	
		GOBO 3 shake	98	113	
		GOBO 4 shake	114	129	
		GOBO 5 shake	130	145	
		GOBO 6 shake	146	161	
		GOBO 7 shake	162	177	
		GOBO 8 shake	178	193	
		Gobo Wheel Rotation			
		Forward rotation - Fast to slow	194	223	
		No rotation	224	225	
		Backwards rotation - Slow to fast	226	255	
17	Prism 1 Circular	Open	0	29	0
		Prism Indexing (set next ch)	30	59	
		Prism Rotation (set next ch)	60	89	
		Reserved	90	255	

Channel STANDARD	Name	Function	DMX		Default
			From	To	
18	Prism 1 Index/ Rotation	Prism Indexing			0
		Prism Indexing	0	255	
		Prism Rotation			0
		Prism No Rotation	0	0	
		Prism forward rotation fast to slow	1	127	
		Prism No Rotation	128	128	
		Prism backwards rotation slow to fast	129	255	
19	Prism 2 Linear	Open	0	29	0
		Prism Indexing (set next ch)	30	59	
		Prism Rotation (set next ch)	60	89	
		Reserved	90	255	
20	Prism 2 Index/ Rotation	Prism Indexing			0
		Prism Indexing	0	255	
		Prism Rotation			
		Prism No Rotation	0	0	
		Prism forward rotation fast to slow	1	127	
		Prism No Rotation	128	128	
		Prism backwards rotation slow to fast	129	255	
21	Light Frost	Linear insertion 0 – 100%	0	255	0
22	Heavy Frost	Linear insertion 0 – 100%	0	255	0
23	Iris	Open	0	0	0
		Max to min diameter	1	127	
		Closed	128	129	
		Pulse close slow to fast	130	154	
		Pulse open slow to fast	155	179	
		Random pulse closing slow to fast	180	204	
		Random pulse opening slow to fast	205	229	
		Reserved	230	255	
24	Iris Fine	Iris fine movement	0	255	0
25	Zoom	Zoom from min to max beam angle	0	255	128
26	Zoom Fine	Fine zooming	0	255	0
27	Focus	Focus adjustment	0	255	128
28	Focus Fine	Fine focusing	0	255	0
29	Animation Insertion	Linear insertion from 0% to 100%	0	255	0
30	Animation Rotation	Indexing	0	127	0
		Forward rotation - Fast to slow	128	190	
		Stop	191	192	
		Backwards rotation - Slow to fast	193	255	

Channel STANDARD	Name	Function	DMX		Default
			From	To	
31	Blade 1 position	Movement from outward to inward	0	255	0
32	Blade 1 swivelling	Swivelling from -30° towards 0°	0	127	128
		0 degrees	128	128	
		Swivelling from 0° towards +30°	129	255	
33	Blade 2 position	Movement from outward to inward	0	255	0
34	Blade 2 swivelling	Swivelling from -30° towards 0°	0	127	128
		0 degrees	128	128	
		Swivelling from 0° towards +30°	129	255	
35	Blade 3 position	Movement from outward to inward	0	255	0
36	Blade 3 swivelling	Swivelling from -30° towards 0°	0	127	128
		0 degrees	128	128	
		Swivelling from 0° towards +30°	129	255	
37	Blade 4 position	Movement from outward to inward	0	255	0
38	Blade 4 swivelling	Swivelling from -30° towards 0°	0	127	128
		0 degrees	128	128	
		Swivelling from 0° towards +30°	129	255	
39	Frame rotation	-45 degrees to 0 degrees	0	126	128
		0 degrees	127	128	
		0 degrees to +45 degrees	129	255	
40	Frame macros	No Function	0	3	0
		Macro 1	4	10	
		Macro 2	11	17	
		Macro 3	18	24	
		Macro 4	25	31	
		Macro 5	32	38	
		Macro 6	39	45	
		Macro 7	46	52	
		Macro 8	53	59	
		Macro 9	60	66	
		Macro 10	67	73	
		Macro 11	74	80	
		Macro 12	81	87	
		Macro 13	88	94	
		Macro 14	95	101	
		Macro 15	102	108	
		Macro 16	109	115	
		Macro 17	116	122	
		Macro 18	123	129	
		Macro 19	130	136	
		Macro 20	137	143	

Channel STANDARD	Name	Function	DMX		Default
			From	To	
40	Frame macros	Macro 21	144	150	0
		Macro 22	151	157	
		Macro 23	158	164	
		Macro 24	165	171	
		Macro 25	172	178	
		Macro 26	179	185	
		Macro 27	186	192	
		Macro 28	193	199	
		Macro 29	200	206	
		Macro 30	207	213	
		Macro 31	214	220	
		Macro 32	221	227	
		Macro 33	228	234	
		Macro 34	235	241	
		Macro 35	242	248	
		Macro 36	249	255	
41	Frame macros speed	Lineary from 0 to 100%	0	255	0
42	Focus Tracking	OFF	0	49	
		ON - Priority GOBO WHL 1	50	59	
		ON - Priority GOBO WHL 2	60	69	
		ON - Priority BLADES	70	79	
		ON - Priority IRIS	80	89	
		ON - Priority ANIMATION	90	99	
		ON - Priority OPEN	100	109	
		Reserved	110	255	
43	Control	No Function/Safe	0	1	0
		Pan Reverse On	2	3	
		Pan Reverse Off	4	5	
		Tilt Reverse On	6	7	
		Tilt Reverse Off	8	9	
		Pan/Tilt Mode Fast	10	11	
		Pan/Tilt Mode Medium	12	13	
		Pan/Tilt Mode Slow	14	15	
		Reserved	16	43	
		Display On	44	45	
		Display 15s	46	47	
		Flip Display On	48	49	
		Flip Display Off	50	51	
		Flip Display Auto	52	53	

Channel STANDARD	Name	Function	DMX		Default
			From	To	
43	Control	Key Lock On	54	55	0
		Key Lock Off	56	57	
		Fan Mode Auto	58	59	
		Fan Mode Silent	60	61	
		Fan Mode High	62	63	
		No Signal Hold	64	65	
		No Signal Blackout	66	67	
		Status Led On	68	69	
		Status Led Off	70	71	
		Dimmer Curve Linear	72	73	
		Dimmer Curve S-Curve	74	75	
		Dimmer Curve Square Law	76	77	
		Dimmer Curve Inverse Square Law	78	79	
		Dimmer Speed Auto	80	81	
		Dimmer Speed Fast	82	83	
		Dimmer Speed Medium	84	85	
		Dimmer Speed Slow	86	87	
		Led Frequency 1000hz	88	91	
		Led Frequency 2000hz	92	93	
		Led Frequency 4000hz	94	95	
		Led Frequency 6000hz	96	97	
		Led Frequency 25khz	98	99	
		Led Frequency 50khz	100	101	
		Invert Zoom Off	102	103	
		Invert Zoom On	104	105	
		Invert Blades On	106	107	
		Invert Blades Off	108	109	
		Reserved	110	199	
		Reset All	200	201	
		Reset Pan & Tilt	202	203	
		Reset Zoom/Focus	204	205	
		Reset Colors	206	207	
		Reset Gobos/Animation	208	209	
		Reset Effects	210	211	
		Reset All Blades	212	213	
		Reserved	214	251	
		Factory Default Of Control Functions	252	253	
		Reserved	254	255	