

DMX SPECS GR0422 ACROBAT

6-channel unit 8 BIT
8-channel unit 16 BIT

Channel	8 BIT	16 BIT
1	Rotogobo rotation / Pan	Rotogobo rotation / Pan
2	Colours	Colours
3	Prism and Gobo rotation selection	Prism and Gobo rotation selection
4	Black out / Fixed gobos	Black out / Fixed gobos
5	Pan	Pan
6	Tilt	Tilt
7	Empty	High resolution Pan
8	Empty	Low resolution Tilt

Colour Channel

Option 4 = Off

Colour wheel fixed position selection (colour and bi-colour).

Function	Dmx values	Notes
Speed rate 9	240..255	Max Speed
Speed rate 8	232..239	
Speed rate 7	224..231	
Speed rate 6	216..223	
Speed rate 5	208..215	
Speed rate 4	200..207	
Speed rate 3	192..199	
Speed rate 2	184..191	
Speed rate 1	176..183	Minimum Speed
Dark Blue + White	168..175	
Dark Blue	160..167	
Pink + Dark Blue	152..159	
Pink	144..151	
Light blue + Pink	136..143	
Light blue	128..135	
Orange + Light blue	120..127	
Orange	112..119	
Green + Orange	104..111	
Green	96..103	
Red + Green	88..95	
Red	80..87	
Blue + Red	72..79	
Blue	64..71	
Yellow + Blue	56..63	
Yellow	48..55	
Magenta + Yellow	40..47	
Magenta	32..39	
White + Magenta	24..31	
White	0..23	

Option 4 = On

Colour wheel proportionate positioning control

Function	Dmx values	Notes
Speed rate 9	240..255	Max speed
Speed rate 8	232..239	
Speed rate 7	224..231	
Speed rate 6	216..223	
Speed rate 5	208..215	
Speed rate 4	200..207	
Speed rate 3	192..199	
Speed rate 2	184..191	
Speed rate 1	176..183	Minimum speed
Proportionate	17..175	17 = White ... 175 = Dark blue
White	0..16	

Black out channel / Fixed gobos

Black out function selection. Black out on stops prism and gobo rotation. Available fixed gobo selection.

Function	Dmx values	Notes
Open	247..255	
Strobe 11	200..247	Max
Strobe 10	192..199	
Strobe 9	184..191	
Strobe 8	176..183	
Strobe 7	168..175	
Strobe 6	160..167	
Strobe 5	152..159	
Strobe 4	144..151	
Strobe 3	136..143	
Strobe 2	128..135	
Strobe 1	120..127	1 fps
Gobo 6	105..119	
Gobo 5	90..104	
Gobo 4	75..89	
Gobo 3	60..74	
Gobo 2	45..59	
Gobo 1	30..44	
Open	15..29	
Closed	0..14	

Pan, Tilt and High resolution channels

Option 1 = On → Pan and Tilt swap

Option 2 = On → Pan movement direction change

Option 3 = On → Tilt movement direction change

Option 8 = On → High resolution activation. Optional channels 7 and 8 indicate respectively PAN and TILT subdivided position.

Rotogobos /Prism selection channel

Cosen Rotogobo selection. Speed and rotation direction are indicated by another channel (gobo rotation); rotation is available only when black out is not on (black out channel). Three-facet prism selection (fixed or rotating).

Function	Dmx values	Notes
Gobo 5	238..255	+ rotating prism
Gobo 5	224..237	+ fixed prism
Gobo 5	210..223	No prism
Gobo 4	196..209	No prism
Gobo 4	182..195	+ fixed prism
Gobo 4	168..181	+ rotating prism
Gobo 3	154..167	+ rotating prism
Gobo 3	140..153	+ fixed prism
Gobo 3	126..139	No prism
Gobo 2	112..125	No prism
Gobo 2	98..111	+ fixed prism
Gobo 2	84..97	+ rotating prism
Gobo 1	70..83	+ rotating prism
Gobo 1	56..69	+ fixed prism
Gobo 1	42..55	No prism
No gobo	0..41	No prism

Rotogobo rotation channel

Speed and chosen gobo rotation direction selection from the rotogobo selection channel.

Function	Dmx values	Notes
Stop	252..255	
Clockwise max	240..251	Max
Proportionate speed	156..239	
Clockwise min	152..155	Min
Stop	105..131	
Anticlockwise min	101..104	Min
Proportionate speed	17..100	
Anticlockwise max	5..16	Max
Stop	0..4	

GREEN AND RED LIGHT

LED	Meaning
Green	DMX signal
Flashing green	No DMX signal
Flashing red	DMX address modification
Red	Option selection

OPTIONS

Display	OPTION	
1.on/of	SWAP PAN / TILT	
2. on/of	REVERSE PAN	
3. on/of	REVERSE TILT	
4. on/of	FIXED COLOURS	
5. on/of		
6. on/of		
7. on/of		
8. on/of	HIGH RESOLUTION	
9. on/of	TEST	