

Trackspot 2 DMX Protocol Table

Chan	Parameter	Description	Value (dec.)	Value (%)	Value (hex)
1	SHUTTER DIMMER STROBE	Shutter closed	0-5	0-2	0-05
		Dimmer setting from channels 9 value	6-100	2-39	06-64
		Fade from Black (shutter closed) to White (open)	101-110	40-43	65-6E
		Fade from White (shutter open) to Black (closed)	111-120	44-47	6F-78
		Slow Ramp to open shutter / Snap closed	121-126	48-50	79-7E
		Medium Ramp to open shutter / Snap closed	127-132	50-53	7F-84
		Fast Ramp to open shutter / Snap closed	133-138	52-54	85-8A
		Shutter Snaps open / Slow ramp to closed	139-144	55-57	8B-90
		Shutter Snaps open / Medium ramp to closed	145-150	57-59	91-96
		Shutter Snaps open / Fast ramp to closed	151-156	60-61	97-9C
		Slow Ramp to open / Ramp to closed	157-162	62-64	9D-A2
		Medium ramp to open / Ramp to closed	163-168	64-66	A3-A8
		Fast Ramp to open / Ramp to closed	169-174	66-69	A9-AE
		Fast random strobe bursts	175-180	69-71	AF-B4
		Medium random strobe bursts	181-186	71-73	B5-BA
		Slow random strobe bursts	187-192	73-75	BB-C0
		Strobe Speed adjustment	193-250	76-98	C1-FA
Shutter open	251-255	98-100	FB-FF		
2	COLOR	Open position 1	0-5	0-2	0-05
		Yellow position 2	6-15	2-6	06-0F
		Dark Blue position 3	16-25	6-10	10-19
		Pink position 4	26-35	11-14	1A-23
		Green position 5	36-45	14-18	24-2D
		Orange position 6	46-55	18-22	2E-37
		Cyan position 7	56-65	22-26	38-41
		Dark Pink position 8	66-75	26-29	42-4B
		Red position 9	76-85	30-33	4C-55
		Blue position 10	86-95	34-37	56-5F
		Aqua position 11	96-105	38-41	60-69
		UV Violet position 12	106-115	42-45	6A-73
		Open/Yellow position 1/2	116-125	46-49	74-7D
		Yellow-Dark Blue position 2/3	126-135	50-53	7E-87
		Dark Blue/Pink position 3/4	136-145	53-57	88-91
		Green/Orange position 5/6	146-155	57-61	92-9B
		Orange/Cyan position 6/7	156-165	61-65	9C-A5
		Cyan/Dark Pink position 7/8	166-175	65-69	A6-AF
		Red/Blue position 9/10	176-185	69-73	B0-B9
		Blue/Aqua position 10/11	186-195	73-77	BA-C3
		Random full color fast	196-200	77-79	C4-C8
		Random full color slow	201-205	79-80	C9-CD
		Clockwise Rotation adjustment	206-230	81-90	CE-E6
		Counter Clockwise Rotation adjustment	231-255	90-100	E7-FF

Chan	Parameter	Description	Value (dec.)	Value (%)	Value (hex)	
3	GOBOS	OPEN	0-10	0-4	0-0A	
		Beam Reducer	51-60	20-24	33-3C	
		ROTATION MODE				
		GOBO Position 2	11-20	4-8	0B-14	
		GOBO Position 3	21-30	8-12	15-1E	
		GOBO Position 4	31-40	12-16	1F-28	
		GOBO Position 5	41-50	16-20	29-32	
		GOBO Position 7	61-70	24-28	3D-46	
		GOBO Position 8	71-80	28-31	47-50	
		GOBO Position 9	81-90	32-33	51-5A	
		GOBO Position 10	91-100	36-39	5B-64	
		POSITION MODE				
		GOBO Position 2	100-110	40-43	65-6E	
		GOBO Position 3	111-120	44-47	6F-78	
		GOBO Position 4	121-130	48-51	79-82	
		GOBO Position 5	131-140	51-55	83-8C	
		Beam Reducer Position 6	141-150	55-59	8D-96	
		GOBO Position 7	151-160	60-63	97-A0	
		GOBO Position 8	161-170	63-67	A1-AA	
		GOBO Position 9	171-180	67-71	AB-B4	
		GOBOS Fast random	181-193	71-76	B5-C1	
GOBOS Slow random	194-205	76-80	C2-CD			
Clockwise Rotation adjustment	206-230	81-90	CE-E6			
Counter Clockwise Rotation adjustment	231-255	91-100	E7-FF			
4	GOBO ROTATION	Rotation Stop	0-5	0-2	00-05	
		From 0 to 540° GOBO positioning	6-255	2-100	06-FF	
		Clockwise GOBO Rotation adjustment	6-130	2-51	06-82	
		Counter Clockwise Gobo Rotation adjustment	131-255	51-100	83-FF	
5	EFFECTS	OPEN	0-10	0-4	0-0A	
		Prism 3 Facets	11-30	4-12	0B-1E	
		Prism 6 Facets	31-50	12-20	1F-32	
		COLD Conversion Filter	51-70	20-28	33-46	
		WARM Conversion Filter	71-90	28-35	47-5A	
		Automatic Frost from 0 to 100%	91-110	36-43	5B-6E	
		Automatic Frost from 100% to 0	111-130	44-51	6F-82	
		Manual Frost	131-250	51-98	83-FA	
		Full FROST	251-255	98-100	FB-FF	
6	PRISM ROTATION	Rotation Stop	0-5	0-2	00-05	
		Clockwise Rotation	6-130	2-51	06-82	
		Counter Clockwise Rotation	131-255	51-100	83-FF	
7	PAN	Pan movement	0-255	0-100	00-FF	
8	TILT	Tilt movement	0-255	0-100	00-FF	
9	DIMMER* (only in standard protocol)	Dimmer Closed	0-10	0-4	00-0A	
		Dimmer Adjustment	11-250	4-98	0B-FA	
		Dimmer OPEN	251-255	98-100	FB-FF	

*Position CHANNEL 1 at a value between 6 and 100 in order to control DIMMER with this channel.