

ELATION® ZW37™
DMX Channel Values / Functions (42 DMX Channels)

Specifications are subject to change without any prior written notice.

DMX MODE / CHANNEL			VALUE	FUNCTION
MODE 1 (14)	MODE 2 (22)	MODE 3 (42)		
1	1	1		PAN
			0-255	0° - 540°
	2	2		PAN FINE
			0-255	PAN FINE Adjustment
2	3	3		TILT
			0-255	0° - 220°
	4	4		TILT FINE
			0-255	TILT FINE Adjustment
3	5			RED [ALL LEDES]
			0-255	Red (0-100%)
	6			RED FINE [ALL LEDES]
			0-256	Red FINE (0-100%)
4	7			GREEN [ALL LEDES]
			0-255	Green (0-100%)
	8			GREEN FINE [ALL LEDES]
			0-256	Green FINE (0-100%)
5	9			BLUE [ALL LEDES]
			0-255	Blue (0-100%)
	10			BLUE FINE [ALL LEDES]
			0-256	Blue FINE (0-100%)
6	11			WHITE [ALL LEDES]
			0-255	White (0-100%)
	12			WHITE FINE [ALL LEDES]
			0-256	White FINE (0-100%)
7	13			COLOR MACROS [ALL LEDES]
			0	Blackout
			1-4	COLOR 1
			5-8	COLOR 2
			9-12	COLOR 3
			13-16	COLOR 4
			17-20	COLOR 5
			21-24	COLOR 6
			25-28	COLOR 7
			29-32	COLOR 8
			33-36	COLOR 9
			37-40	COLOR 10
			41-44	COLOR 11
			45-48	COLOR 12
			49-52	COLOR 13
			53-56	COLOR 14
			57-60	COLOR 15
			61-64	COLOR 16
			65-68	COLOR 17
			69-72	COLOR 18
			73-76	COLOR 19
			77-80	COLOR 20
			81-84	COLOR 21
			85-88	COLOR 22
			89-92	COLOR 23
			93-96	COLOR 24
			97-100	COLOR 25
			101-104	COLOR 26
			105-108	COLOR 27
			109-112	COLOR 28
			113-116	COLOR 29
			117-120	COLOR 30
121-124	COLOR 31			
125-128	COLOR 32			

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MODE 1 (14)	MODE 2 (22)	MODE 3 (42)		
7	13			COLOR MACROS [ALL LEDS] continued
			129-132	COLOR 33
			133-136	COLOR 34
			137-140	COLOR 35
			141-144	COLOR 36
			145-148	COLOR 37
			149-152	COLOR 38
			153-156	COLOR 39
			157-160	COLOR 40
			161-164	COLOR 41
			165-168	COLOR 42
			169-172	COLOR 43
			173-176	COLOR 44
			177-180	COLOR 45
			181-184	COLOR 46
			185-188	COLOR 47
			189-192	COLOR 48
			193-196	COLOR 49
			197-200	COLOR 50
			201-204	COLOR 51
			205-208	COLOR 52
			209-212	COLOR 53
			213-216	COLOR 54
			217-220	COLOR 55
			221-224	COLOR 56
			225-228	COLOR 57
			229-232	COLOR 58
			233-236	COLOR 59
			237-240	COLOR 60
			241-244	COLOR 61
			245-248	COLOR 62
			249-252	COLOR 63
	253-255	COLOR 64		
		5		RED [LED GROUP 1]
			0-255	Red (0-100%)
		6		RED FINE [LED GROUP 1]
			0-255	Red FINE Adjustment
		7		GREEN [LED GROUP 1]
			0-255	Green (0-100%)
		8		GREEN FINE [LED GROUP 1]
			0-255	Green FINE Adjustment
		9		BLUE [LED GROUP 1]
			0-255	Blue (0-100%)
		10		BLUE FINE [LED GROUP 1]
			0-255	Blue FINE Adjustment
		11		WHITE [LED GROUP 1]
			0-255	White (0-100%)
		12		WHITE FINE [LED GROUP 1]
			0-255	White FINE Adjustment

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DMX MODE / CHANNEL			VALUE	FUNCTION
MODE 1 (14)	MODE 2 (22)	MODE 3 (42)		
				COLOR MACROS [LED GROUP 1]
			0-9	OPEN
			10-17	COLOR 1
			18-24	COLOR 2
			25-32	COLOR 3
			33-39	COLOR 4
			40-47	COLOR 5
			48-54	COLOR 6
			55-61	COLOR 7
			62-69	COLOR 8
			70-76	COLOR 9
			77-84	COLOR 10
			85-91	COLOR 11
			92-99	COLOR 12
			100-106	COLOR 13
			107-113	COLOR 14
			114-121	COLOR 15
		13	122-128	COLOR 16
			129-136	COLOR 17
			137-143	COLOR 18
			144-151	COLOR 19
			152-158	COLOR 20
			159-165	COLOR 21
			166-173	COLOR 22
			174-180	COLOR 23
			181-188	COLOR 24
			189-195	COLOR 25
			196-203	COLOR 26
			204-210	COLOR 27
			211-217	COLOR 28
			218-225	COLOR 29
			226-232	COLOR 30
			233-240	COLOR 31
			241-247	COLOR 32
			248-255	COLOR 33
		14		RED [LED GROUP 2]
			0-255	Red (0-100%)
		15		RED FINE [LED GROUP 2]
			0-255	Red FINE Adjustment
		16		GREEN [LED GROUP 2]
			0-255	Green (0-100%)
		17		GREEN FINE [LED GROUP 2]
			0-255	Green FINE Adjustment
		18		BLUE [LED GROUP 2]
			0-255	Blue (0-100%)
		19		BLUE FINE [LED GROUP 2]
			0-255	Blue FINE Adjustment
		20		WHITE [LED GROUP 2]
			0-255	White (0-100%)
		21		WHITE FINE [LED GROUP 2]
			0-255	White FINE Adjustment

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DMX MODE / CHANNEL			VALUE	FUNCTION
MODE 1 (14)	MODE 2 (22)	MODE 3 (42)		
				COLOR MACROS [LED GROUP 2]
			0-9	OPEN
			10-17	COLOR 1
			18-24	COLOR 2
			25-32	COLOR 3
			33-39	COLOR 4
			40-47	COLOR 5
			48-54	COLOR 6
			55-61	COLOR 7
			62-69	COLOR 8
			70-76	COLOR 9
			77-84	COLOR 10
			85-91	COLOR 11
			92-99	COLOR 12
			100-106	COLOR 13
			107-113	COLOR 14
			114-121	COLOR 15
		22	122-128	COLOR 16
			129-136	COLOR 17
			137-143	COLOR 18
			144-151	COLOR 19
			152-158	COLOR 20
			159-165	COLOR 21
			166-173	COLOR 22
			174-180	COLOR 23
			181-188	COLOR 24
			189-195	COLOR 25
			196-203	COLOR 26
			204-210	COLOR 27
			211-217	COLOR 28
			218-225	COLOR 29
			226-232	COLOR 30
			233-240	COLOR 31
			241-247	COLOR 32
			248-255	COLOR 33
		23		RED [LED GROUP 3]
			0-255	Red (0-100%)
		24		RED FINE [LED GROUP 3]
			0-255	Red FINE Adjustment
		25		GREEN [LED GROUP 3]
			0-255	Green (0-100%)
		26		GREEN FINE [LED GROUP 3]
			0-255	Green FINE Adjustment
		27		BLUE [LED GROUP 3]
			0-255	Blue (0-100%)
		28		BLUE FINE [LED GROUP 3]
			0-255	Blue FINE Adjustment
		29		WHITE [LED GROUP 3]
			0-255	White (0-100%)
		30		WHITE FINE [LED GROUP 3]
			0-255	White FINE Adjustment

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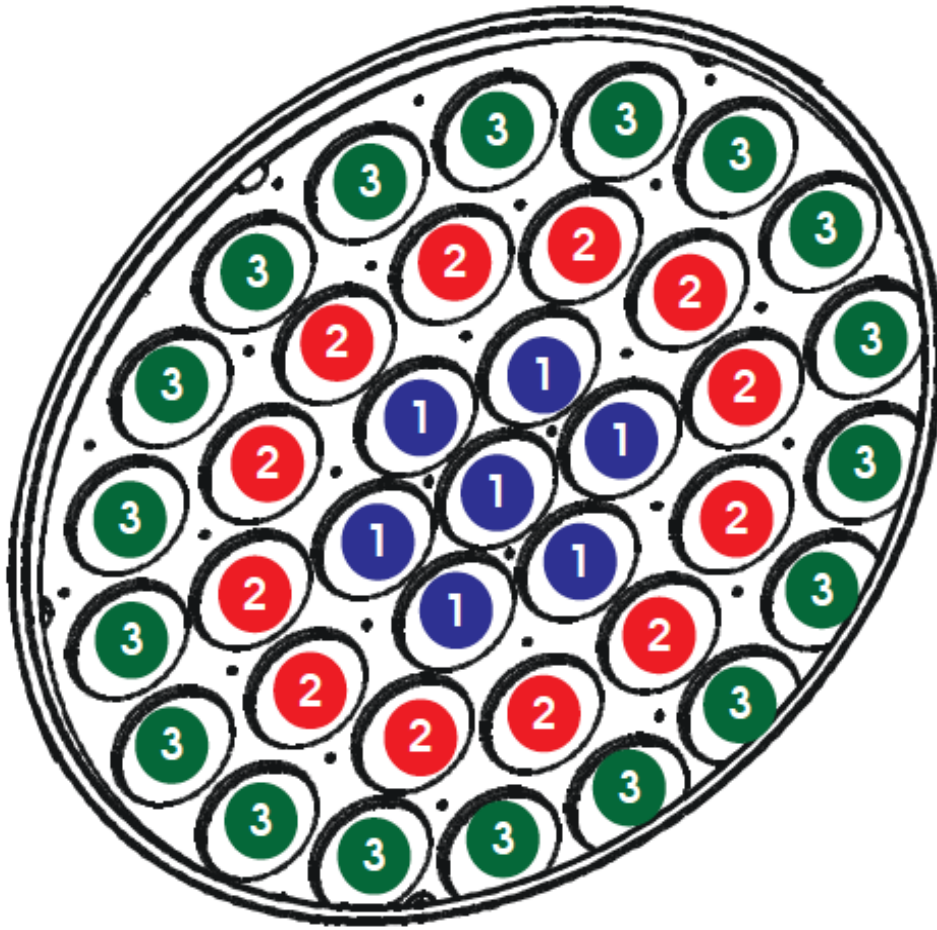
DMX MODE / CHANNEL			VALUE	FUNCTION
MODE 1 (14)	MODE 2 (22)	MODE 3 (42)		
				COLOR MACROS [LED GROUP 3]
			0-9	OPEN
			10-17	COLOR 1
			18-24	COLOR 2
			25-32	COLOR 3
			33-39	COLOR 4
			40-47	COLOR 5
			48-54	COLOR 6
			55-61	COLOR 7
			62-69	COLOR 8
			70-76	COLOR 9
			77-84	COLOR 10
			85-91	COLOR 11
			92-99	COLOR 12
			100-106	COLOR 13
			107-113	COLOR 14
			114-121	COLOR 15
			122-128	COLOR 16
			129-136	COLOR 17
			137-143	COLOR 18
			144-151	COLOR 19
			152-158	COLOR 20
			159-165	COLOR 21
			166-173	COLOR 22
			174-180	COLOR 23
			181-188	COLOR 24
			189-195	COLOR 25
			196-203	COLOR 26
			204-210	COLOR 27
			211-217	COLOR 28
			218-225	COLOR 29
			226-232	COLOR 30
			233-240	COLOR 31
			241-247	COLOR 32
			248-255	COLOR 33
				MACROS [LED GROUPS 1-3]
			0-7	Blackout
			8-22	Macro 01
			23-37	Macro 02
			38-52	Macro 03
			53-67	Macro 04
			68-82	Macro 05
			83-97	Macro 06
			98-112	Macro 07
			113-127	Macro 08
			128-142	Macro 09
			143-157	Macro 10
			158-172	Macro 11
			173-187	Macro 12
			188-202	Macro 13
			203-217	Macro 14
			218-232	Macro 15
			233-247	Macro 16
			248-255	Macro 17
				MACRO SPEED [LED GROUPS 1-3]
		33	0-255	SLOW to FAST
				VARIABLE WHITE
8	14	34	0-255	1=2700K, 255=6,000K

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MODE 1 (14)	MODE 2 (22)	MODE 3 (42)		
9	15	35		SHUTTER / STROBE
			0-19	BLACKOUT
			20-24	OPEN
			25-64	Strobe SLOW to FAST
			65-69	OPEN
			70-84	Pulse SLOW Open - FAST Close
			85-89	OPEN
			90-104	Pulse FAST Open - SLOW Close
			105-109	OPEN
			110-124	Random Strobe
			125-129	OPEN
			130-144	Random Opening Pulse
			145-149	OPEN
			150-164	Random Closing Pulse
			165-169	OPEN
			170-184	Burst Pulse
			185-189	OPEN
			190-204	Random Burst Pulse
205-209	OPEN			
210-224	Pulsing			
225-229	OPEN			
230-244	Burst			
245-255	OPEN			
10	16	36		MASTER DIMMER
			0-255	Dimmer (0-100%)
	17	37		DIMMER FINE (16bit)
			0-256	Dimmer FINE (0-100%)
11	18	38		DIMMING CURVE MODES
			0-20	Standard
			21-40	Stage
			41-60	TV
			61-80	Architectural
			81-100	Theatre
101-255	Default to unit setting			
12	19	39		ZOOM
			0-255	10° NARROW to 60° WIDE
	20	40		ZOOM FINE
			0-255	ZOOM FINE Adjustment
13	21	41		PAN / TILT MOVEMENT SPEED
			0-255	PAN / TILT Movement Speed FAST - SLOW
14	22	42		SPECIAL FUNCTIONS
			0-69	NO FUNCTION
			70-79	Blackout While Pan/Tilt Movement = ON*
			80-89	Blackout While Pan/Tilt Movement = OFF (DEFAULT)*
			90-99	Blackout When RGBW Values Change = ON*
			100-199	Blackout When RGBW Values Change = OFF (DEFAULT)*
			200-209	Reset ALL
210-255	NO FUNCTION			

*NOTE: Blackout settings SAVED from any DMX mode.



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