

**DMX ADDRESSING**

All fixtures should be given a DMX starting address when using a DMX controller, so the correct fixture responds to the correct control signal. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control signal sent out from the DMX controller. The assignment of this starting DMX address is achieved by setting the correct DMX address on the digital control display on the fixture.

You can set the same starting address for all fixtures or a group of fixtures, or set different addresses for each individual fixture. Setting all fixtures to the same DMX address will cause all fixtures to react in the same way, in other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set each fixture to a different DMX address, each unit will start to “listen” to the channel number you have set, based on the quantity of DMX channels of each fixture. That means changing the settings of one channel will only affect the selected fixture.

In the case of the Vizi Wash Z37, when in 14 Channel you should set the starting DMX address of the first unit to 1, the second unit to 15 (14 + 1), the third unit to 29 (15 + 14), and so on. (See the chart below for more details.)

**SOFTWARE VERSION  $\leq$ V1.0**

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
14 Channels	1	15	29	43
16 Channels	1	17	33	49
17 Channels	1	18	35	52
71 Channels	1	72	143	214

**SOFTWARE VERSION  $\geq$ 1.3**

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
14 Channels	1	15	29	43
15 Channels	1	16	31	46
17 Channels	1	18	35	52
18 Channels	1	19	37	55
72 Channels	1	73	145	217

<b>ADJ VIZI WASH Z37</b> <b>DMX Channel Values &amp; Functions</b> <b>Supports Software Version ≤ 1.0</b> <small>Features subject to change without notice</small> <small>*Pixel Zones and control of effects depends on head orientation and Pan/Tilt settings*</small>					
14 Channels	16 Channels	17 Channels	71 Channels	Values	Functions
1	1	1	1	000-255	PAN MOVEMENT 8-BIT
	2	2	2	000-255	PAN FINE 16-BIT
2	3	3	3	000-255	TILT MOVEMENT 8-BIT
	4	4	4	000-255	TILT FINE 16-BIT
3	5	5		000-255	RED ALL 0%-100%
4	6	6		000-255	GREEN ALL 0%-100%
5	7	7		000-255	BLUE ALL 0%-100%
6	8	8		000-255	WHITE ALL 0%-100%
			5	000-255	RED (ZONE 1) 0%-100%
			6	000-255	GREEN (ZONE 1) 0%-100%
			7	000-255	BLUE (ZONE 1) 0%-100%
			8	000-255	WHITE (ZONE 1) 0%-100%
		9		000-255	64 COLORS MACROS See the Color Macro charts on pages 25-26
					<b>COLOR MACROS (ZONE 1)</b>
				000-009	Open
				010-017	Color 1
				018-024	Color 2
				025-032	Color 3
				033-039	Color 4
				040-047	Color 5
				048-054	Color 6
				055-061	Color 7
				062-069	Color 8
				070-076	Color 9
				077-084	Color 10
				085-091	Color 11
				092-099	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
7	9	10	9		

14 Channels	16 Channels	17 Channels	71 Channels	Values	Functions
			10	000-255	<b>RED (ZONE 2) 0%-100%</b>
			11	000-255	<b>GREEN (ZONE 2) 0%-100%</b>
			12	000-255	<b>BLUE (ZONE 2) 0%-100%</b>
			13	000-255	<b>WHITE (ZONE 2) 0%-100%</b>
			14	000-255	<b>COLOR PRESETS (ZONE 2)</b> See Channel 9 (71 Channel Mode)
			15	000-255	<b>RED (ZONE 3) 0%-100%</b>
			16	000-255	<b>GREEN (ZONE 3) 0%-100%</b>
			17	000-255	<b>BLUE (ZONE 3) 0%-100%</b>
			18	000-255	<b>WHITE (ZONE 3) 0%-100%</b>
			19	000-255	<b>COLOR MACROS (ZONE 3)</b> See Channel 9 (71 Channel Mode)
			20	000-255	<b>RED (ZONE 4) 0%-100%</b>
			21	000-255	<b>GREEN (ZONE 4) 0%-100%</b>
			22	000-255	<b>BLUE (ZONE 4) 0%-100%</b>
			23	000-255	<b>WHITE (ZONE 4) 0%-100%</b>
			24	000-255	<b>COLOR MACROS (ZONE 4)</b> See Channel 9 (71 Channel Mode)
			25	000-255	<b>RED (ZONE 5) 0%-100%</b>
			26	000-255	<b>GREEN (ZONE 5) 0%-100%</b>
			27	000-255	<b>BLUE (ZONE 5) 0%-100%</b>
			28	000-255	<b>WHITE (ZONE 5) 0%-100%</b>
			29	000-255	<b>COLOR MACROS (ZONE 5)</b> See Channel 9 (71 Channel Mode)
			30	000-255	<b>RED (ZONE 6) 0%-100%</b>
			31	000-255	<b>GREEN (ZONE 6) 0%-100%</b>
			32	000-255	<b>BLUE (ZONE 6) 0%-100%</b>
			33	000-255	<b>WHITE (ZONE 6) 0%-100%</b>
			34	000-255	<b>COLOR MACROS (ZONE 6)</b> See Channel 9 (71 Channel Mode)
			35	000-255	<b>RED (ZONE 7) 0%-100%</b>
			36	000-255	<b>GREEN (ZONE 7) 0%-100%</b>
			37	000-255	<b>BLUE (ZONE 7) 0%-100%</b>
			38	000-255	<b>WHITE (ZONE 7) 0%-100%</b>
			39	000-255	<b>COLOR MACROS (ZONE 7)</b> See Channel 9 (71 Channel Mode)
			40	000-255	<b>RED (ZONE 8) 0%-100%</b>
			41	000-255	<b>GREEN (ZONE 8) 0%-100%</b>
			42	000-255	<b>BLUE (ZONE 8) 0%-100%</b>
			43	000-255	<b>WHITE (ZONE 8) 0%-100%</b>
			44	000-255	<b>COLOR MACROS (ZONE 8)</b> See Channel 9 (71 Channel Mode)

14 Channels	16 Channels	17 Channels	71 Channels	Values	Functions
			45	000-255	<b>RED (ZONE 9) 0%-100%</b>
			46	000-255	<b>GREEN (ZONE 9) 0%-100%</b>
			47	000-255	<b>BLUE (ZONE 9) 0%-100%</b>
			48	000-255	<b>WHITE (ZONE 9) 0%-100%</b>
			49	000-255	<b>COLOR MACROS (ZONE 9)</b> See Channel 9 (71 Channel Mode)
			50	000-255	<b>RED (ZONE 10) 0%-100%</b>
			51	000-255	<b>GREEN (ZONE 10) 0%-100%</b>
			52	000-255	<b>BLUE (ZONE 10) 0%-100%</b>
			53	000-255	<b>WHITE (ZONE 10) 0%-100%</b>
			54	000-255	<b>COLOR MACROS (ZONE 10)</b> See Channel 9 (71 Channel Mode)
			55	000-255	<b>RED (ZONE 11) 0%-100%</b>
			56	000-255	<b>GREEN (ZONE 11) 0%-100%</b>
			57	000-255	<b>BLUE (ZONE 11) 0%-100%</b>
			58	000-255	<b>WHITE (ZONE 11) 0%-100%</b>
			59	000-255	<b>COLOR MACROS (ZONE 11)</b> See Channel 9 (71 Channel Mode)

14 Channels	16 Channels	17 Channels	71 Channels	Values	Functions
					<b>COLOR MACROS (ALL ZONES)</b>
				000-009	Open
				010-014	Color 1
				015-019	Color 2
				020-024	Color 3
				025-029	Color 4
				030-034	Color 5
				035-039	Color 6
				040-044	Color 7
				045-049	Color 8
				050-054	Color 9
				055-059	Color 10
				060-064	Color 11
				065-069	Color 12
				070-074	Color 13
				075-079	Color 14
				080-084	Color 15
				085-089	Color 16
				090-094	Color 17
				095-099	Color 18
				100-104	Color 19
			60	105-109	Color 20
				110-114	Color 21
				115-119	Color 22
				120-124	Color 23
				125-129	Color 24
				130-134	Color 25
				135-139	Color 26
				140-144	Color 27
				145-149	Color 28
				150-154	Color 29
				155-159	Color 30
				160-164	Color 31
				165-169	Color 32
				170-174	Color 33
				175-179	Open
				180-201	Clockwise Fast-Slow
				202-207	Stop
				208-229	Counter-Clockwise Slow-Fast
				230-234	Open
				235-239	Random Colors Fast Speed
				240-244	Random Colors Medium Speed
				245-249	Random Colors Slow Speed
				250-255	Open
			61	000-255	<b>BASE COLORS</b> See Channel 9 (71 Channel Mode)

14 Channels	16 Channels	17 Channels	71 Channels	Values	Functions	
			62		<b>BLOCK MACROS</b>	
					000-007	Blackout
					008-022	Macro 1
					023-037	Macro 2
					038-052	Macro 3
					053-067	Macro 4
					068-082	Macro 5
					083-097	Macro 6
					098-112	Macro 7
					113-127	Macro 8
					128-142	Macro 9
					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	
			63		<b>SHUTTER &amp; STROBE</b>	
					000-031	LEDs Off
					032-063	LEDs On
					064-095	Strobing Slow-Fast
					096-127	LEDs On
					128-159	Pulse Effect in Sequences
					160-191	LEDs On
				192-223	Random Strobing Slow-Fast	
				224-255	LEDs On	
9	11	12	64	000-255	<b>MASTER DIMMER</b> 0%-100%	
10	12	13	65	000-255	<b>DIMMER FINE</b>	
11	13	14	66	000-255	<b>ZOOM WIDE-NARROW</b>	
			67	000-255	<b>ZOOM FINE</b>	

14 Channels	16 Channels	17 Channels	71 Channels	Values	Functions
12	14	15	68		<b>DIMMER MODES &amp; DIMMER SPEED</b>
				000-020	Standard
				021-040	Stage
				041-060	TV
				061-080	Architectural
				081-100	Theatre
				101-120	Stage 2
					<b>DIMMER DELAY TIME</b>
				121	0.1Sec.
				122	0.2Sec.
				123	0.3Sec.
				124	0.4Sec.
				125	0.5Sec.
				126	0.6Sec.
				127	0.7Sec.
				128	0.8Sec.
				129	0.9Sec.
				130	1.0Sec.
				131	1.5Sec.
				132	2.0Sec.
				133	3.0Sec.
134	4.0Sec.				
135	5.0Sec.				
136	6.0Sec.				
137	7.0Sec.				
138	8.0Sec.				
139	9.0Sec.				
140	10Sec.				
	141-255	Default to Unit Setting			
			69	000-255	<b>COLOR BLOCK MACRO SPEED</b> Slow-Fast
13	15	16	70	000-255	<b>PAN/TILT SPEED</b> Fast-Slow
14	16	17	71	000-069	<b>SPECIAL FUNCTIONS</b> Null
				070-079	Blackout with Pan/Tilt Enabled
				080-089	Blackout with Pan/Tilt Disabled
				090-189	Null
				190-199	Zoom Reset
				200-209	Reset All
				210-219	Null
				220-229	Pan/Tilt Reset
230-255	Null				

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14 Channels	15 Channels	17 Channels	18 Channels	72 Channels	Values	Functions
1	1	1	1	1	000-255	PAN MOVEMENT 8-BIT
		2	2	2	000-255	PAN FINE 16-BIT
2	2	3	3	3	000-255	TILT MOVEMENT 8-BIT
		4	4	4	000-255	TILT FINE 16-BIT
3	3	5	5		000-255	RED ALL 0%-100%
4	4	6	6		000-255	GREEN ALL 0%-100%
5	5	7	7		000-255	BLUE ALL 0%-100%
6	6	8	8		000-255	WHITE ALL 0%-100%
						<b>COLOR TEMPERATURE (LINEAR)</b>
					000-035	Null
					036-040	2700K
					041-045	2800K
					046-050	2900K
					051-055	3000K
					056-060	3100K
					061-065	3200K
					066-070	3300K
					071-075	3400K
					076-080	3500K
					081-085	3600K
					086-090	3700K
					091-095	3800K
					096-100	3900K
					101-105	4000K
					106-110	4100K
					111-115	4200K
					116-120	4300K
					121-125	4400K
					126-130	4500K
					131-135	4600K
8	7	9	9	60	136-140	4700K
					141-145	4800K
					146-150	4900K
					151-155	5000K
					156-160	5100K
					161-165	5200K
					166-170	5300K
					171-175	5400K
					176-180	5500K
					181-185	5600K
					186-190	5700K
					191-195	5800K
					196-200	5900K
					201-205	6000K
					206-210	6100K
					211-215	6200K
					216-220	6300K
					221-225	6400K
					226-230	6500K
					231-235	6600K
					236-240	6700K
					241-245	6800K
					246-250	6900K
					251-255	7000K



14 Channels	15 Channels	17 Channels	18 Channels	72 Channels	Values	Functions
7			10		000-255	<b>64 COLORS MACROS</b> See Color Macro Chart pages 25-26
						<b>33 COLOR PRESETS</b>
					000-009	Open
					010-017	Color 1
					018-024	Color 2
					025-032	Color 3
					033-039	Color 4
					040-047	Color 5
					048-054	Color 6
					055-061	Color 7
					062-069	Color 8
					070-076	Color 9
					077-084	Color 10
					085-091	Color 11
					092-099	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
				5	000-255	<b>RED (ZONE 1) 0%-100%</b>
				6	000-255	<b>GREEN (ZONE 1) 0%-100%</b>
				7	000-255	<b>BLUE (ZONE 1) 0%-100%</b>
				8	000-255	<b>WHITE (ZONE 1) 0%-100%</b>
				9	000-255	<b>33 COLOR PRESETS (ZONE 1)</b>
				10	000-255	<b>RED (ZONE 2) 0%-100%</b>
				11	000-255	<b>GREEN (ZONE 2) 0%-100%</b>
				12	000-255	<b>BLUE (ZONE 2) 0%-100%</b>
				13	000-255	<b>WHITE (ZONE 2) 0%-100%</b>
				14	000-255	<b>33 COLOR PRESETS (ZONE 2)</b>
				15	000-255	<b>RED (ZONE 3) 0%-100%</b>
				16	000-255	<b>GREEN (ZONE 3) 0%-100%</b>
				17	000-255	<b>BLUE (ZONE 3) 0%-100%</b>
				18	000-255	<b>WHITE (ZONE 3) 0%-100%</b>
				19	000-255	<b>33 COLOR PRESETS (ZONE 3)</b>

14 Channels	15 Channels	17 Channels	18 Channels	72 Channels	Values	Functions
				20	000-255	RED (ZONE 4) 0%-100%
				21	000-255	GREEN (ZONE 4) 0%-100%
				22	000-255	BLUE (ZONE 4) 0%-100%
				23	000-255	WHITE (ZONE 4) 0%-100%
				24	000-255	33 COLOR MACROS (ZONE 4)
				25	000-255	RED (ZONE 5) 0%-100%
				26	000-255	GREEN (ZONE 5) 0%-100%
				27	000-255	BLUE (ZONE 5) 0%-100%
				28	000-255	WHITE (ZONE 5) 0%-100%
				29	000-255	33 COLOR MACROS (ZONE 5)
				30	000-255	RED (ZONE 6) 0%-100%
				31	000-255	GREEN (ZONE 6) 0%-100%
				32	000-255	BLUE (ZONE 6) 0%-100%
				33	000-255	WHITE (ZONE 6) 0%-100%
				34	000-255	33 COLOR MACROS (ZONE 6)
				35	000-255	RED (ZONE 7) 0%-100%
				36	000-255	GREEN (ZONE 7) 0%-100%
				37	000-255	BLUE (ZONE 7) 0%-100%
				38	000-255	WHITE (ZONE 7) 0%-100%
				39	000-255	33 COLOR MACROS (ZONE 7)
				40	000-255	RED (ZONE 8) 0%-100%
				41	000-255	GREEN (ZONE 8) 0%-100%
				42	000-255	BLUE (ZONE 8) 0%-100%
				43	000-255	WHITE (ZONE 8) 0%-100%
				44	000-255	33 COLOR MACROS (ZONE 8)
				45	000-255	RED (ZONE 9) 0%-100%
				46	000-255	GREEN (ZONE 9) 0%-100%
				47	000-255	BLUE (ZONE 9) 0%-100%
				48	000-255	WHITE (ZONE 9) 0%-100%
				49	000-255	33 COLOR MACROS (ZONE 9)
				50	000-255	RED (ZONE 10) 0%-100%
				51	000-255	GREEN (ZONE 10) 0%-100%
				52	000-255	BLUE (ZONE 10) 0%-100%
				53	000-255	WHITE (ZONE 10) 0%-100%
				54	000-255	33 COLOR MACROS (ZONE 10)
				55	000-255	RED (ZONE 11) 0%-100%
				56	000-255	GREEN (ZONE 11) 0%-100%
				57	000-255	BLUE (ZONE 11) 0%-100%
				58	000-255	WHITE (ZONE 11) 0%-100%
				59	000-255	33 COLOR MACROS (ZONE 11)

14 Channels	15 Channels	17 Channels	18 Channels	72 Channels	Values	Functions
						<b>COLOR MACROS (ALL ZONES)</b>
					000-009	Open
					010-014	Color 1
					015-019	Color 2
					020-024	Color 3
					025-029	Color 4
					030-034	Color 5
					035-039	Color 6
					040-044	Color 7
					045-049	Color 8
					050-054	Color 9
					055-059	Color 10
					060-064	Color 11
					065-069	Color 12
					070-074	Color 13
					075-079	Color 14
					080-084	Color 15
					085-089	Color 16
					090-094	Color 17
					095-099	Color 18
				61	100-104	Color 19
					105-109	Color 20
					110-114	Color 21
					115-119	Color 22
					120-124	Color 23
					125-129	Color 24
					130-134	Color 25
					135-139	Color 26
					140-144	Color 27
					145-149	Color 28
					150-154	Color 29
					155-159	Color 30
					160-164	Color 31
					165-169	Color 32
					170-174	Color 33
					175-179	Open
					180-201	Clockwise Fast-Slow
					202-207	Stop
					208-229	Counter-Clockwise Slow-Fast
					230-234	Open
					235-239	Random Colors Fast Speed
					240-244	Random Colors Medium Speed
					245-249	Random Colors Slow Speed
					250-255	Open
				62	000-255	<b>BASE COLORS</b> See 33 COLOR PRESETS

14 Channels	15 Channels	17 Channels	18 Channels	72 Channels	Values	Functions
						<b>BLOCK MACROS</b>
					000-007	Blackout
					008-022	Macro 1
					023-037	Macro 2
					038-052	Macro 3
					053-067	Macro 4
					068-082	Macro 5
					083-097	Macro 6
					098-112	Macro 7
					113-127	Macro 8
					128-142	Macro 9
					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
						<b>SHUTTER &amp; STROBE</b>
					000-031	LEDs Off
					032-063	LEDs On
					064-095	Strobing Slow-Fast
					096-127	LEDs On
					128-159	Pulse Effect in Sequences
					160-191	LEDs On
					192-223	Random Strobing Slow-Fast
					224-255	LEDs On
						<b>SHUTTER &amp; STROBE</b>
					000-019	LEDs Off
					020-024	LEDs On
					025-064	Strobe Slow-Fast
					065-069	LEDs On
					070-084	Pulse Slow Open-Fast Closed
					085-089	LEDs On
					090-104	Pulse Fast Open-Slow Closed
					105-109	LEDs On
					110-124	Random Strobe
					125-129	LEDs On
					130-144	Random Pulse Open
					145-149	LEDs On
					150-164	Random Pulse Closed
					165-169	LEDs On
					170-184	Burst Pulse
					185-189	LEDs On
					190-204	Random Burst Pulse
					205-209	LEDs On
					210-224	Pulse
					225-229	LEDs On
					230-244	Burst
					245-255	LEDs On
10	10	12	13	65	000-255	<b>MASTER DIMMER</b> 0%-100%
	11	13	14	66	000-255	<b>DIMMER FINE</b>
12	12	14	15	67	000-255	<b>ZOOM</b> WIDE-NARROW
				68	000-255	<b>ZOOM FINE</b>

14 Channels	15 Channels	17 Channels	18 Channels	72 Channels	Values	Functions
11	13	15	16	69		<b>DIMMER MODES &amp; DIMMER SPEED</b>
					000-020	Standard
					021-040	Stage
					041-060	TV
					061-080	Architectural
					081-100	Theatre
					101-120	Stage 2
						<b>DIMMER DELAY TIME</b>
					121	0.1Sec.
					122	0.2Sec.
					123	0.3Sec.
					124	0.4Sec.
					125	0.5Sec.
					126	0.6Sec.
					127	0.7Sec.
					128	0.8Sec.
					129	0.9Sec.
					130	1.0Sec.
					131	1.5Sec.
					132	2.0Sec.
					133	3.0Sec.
134	4.0Sec.					
135	5.0Sec.					
136	6.0Sec.					
137	7.0Sec.					
138	8.0Sec.					
139	9.0Sec.					
140	10Sec.					
	141-255	Default to Unit Setting				
				70	000-255	<b>COLOR BLOCK MACRO SPEED</b> Slow-Fast
13	14	16	17	71	000-255	<b>PAN/TILT SPEED</b> Fast-Slow
	15	17	18	72	000-069	<b>SPECIAL FUNCTIONS</b> Null
					070-079	Blackout with Pan/Tilt Enabled
					080-089	Blackout with Pan/Tilt Disabled
					090-189	Null
					190-199	Zoom Reset
					200-209	Reset All
					210-219	Null
					220-229	Pan/Tilt Reset
					230-255	Null
					14	
					070-079	Blackout with Pan/Tilt Enabled
					080-089	Blackout with Pan/Tilt Disabled
					090-099	Reset All
					100-109	Zoom Reset
					110-119	Pan/Tilt Reset
					120-255	Null