

CT3 WASH-DMX CHART



Single Mode

Mode/Channel				Channel Name	DMX	Function
217CH	179CH	97CH	21CH			
1	1	1	1	Pan	0-255	0-540
2	2	2	2	Pan 16bit	0-255	16bit adjustable
3	3	3	3	Tilt	0-255	0-270
4	4	4	4	Tilt 16bit	0-255	16bit adjustable
5	5	5	5	Pan/Tilt speed	0-255	fast to slow
6	6	6	6	CTC	0	no function
					1-255	from 19000K to 2700K
7	7	7	7	Color	0	no function
					1-2	2700K(R=156, G=118, B=0, W=63)
					3-4	3200K(R=156, G=141, B=5, W=89)
					5-6	4200K(R=156, G=141, B=14, W=255)
					7-8	5600K(R=156, G=207, B=54, W=255)
					9-10	8000K(R=130, G=255, B=96, W=255)
					11	Blue (R=0, G=0, B=255, W=0)
					12-48	R=0, G+, B=255, W=0
					49	Cyan (R=0, G=255, B=255, W=0)
					50-86	R=0, G=255, B-, W=0
					87	Green (R=0, G=255, B=0, W=0)
					88-124	R+, G=255, B=0, W=0
					125	Yellow (R=255, G=255, B=0, W=0)
					126-162	R=255, G-, B=0, W=0
					163	Red (R=255, G=0, B=0, W=0)
					164-200	R=255, G=0, B+, W=0
					201	Magenta (R=255, G=0, B=255, W=0)
					202-238	R-, G=0, B=255, W=0
					239	Blue (R=0, G=0, B=255, W=0)
					240-247	Color fade, fast to slow
248-255	Color jump, fast to slow					
8	8	8	8	Pattern	0	no function
					1	pattern 1
					2	pattern 2
					3	pattern 3
				
					253	pattern 253
					254	pattern 254
					255	pattern 255
9	9	9	9	LED built-in	0-15	no function
					16	LED built-in 1
					17	LED built-in 2
					18	LED built-in 3
					.	.
					.	.
					.	.
					114	LED built-in 99
					115	LED built-in 100
					116	LED built-in 101
					117-135	LED built-in 102 (main built-in)
					136	LED built-in 103
					137	LED built-in 104
					138	LED built-in 105
					.	.
					.	.
					.	.
234	LED built-in 201					
235	LED built-in 202					
236	LED built-in 203					
237-255	LED built-in 204 (main built-in)					

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217CH	179CH	97CH	21CH			
10	10	10	10	LED built-in speed	0-127	fast to slow
					128	stop
					129-255	reverse slow to fast
11	11	11	11	LED built-in delay	0-255	fast to slow
12	12	12	12	Background color	0	no function
					1-2	2700K(R=156, G=118, B=0, W=63)
					3-4	3200K(R=156, G=141, B=5, W=89)
					5-6	4200K(R=156, G=141, B=14, W=255)
					7-8	5600K(R=156, G=207, B=54, W=255)
					9-10	8000K(R=130, G=255, B=96, W=255)
					11	Blue (R=0, G=0, B=255, W=0)
					12-48	R=0, G+, B=255, W=0
					49	Cyan (R=0, G=255, B=255, W=0)
					50-86	R=0, G=255, B-, W=0
					87	Green (R=0, G=255, B=0, W=0)
					88-124	R+, G=255, B=0, W=0
					125	Yellow (R=255, G=255, B=0, W=0)
					126-162	R=255, G-, B=0, W=0
					163	Red (R=255, G=0, B=0, W=0)
					164-200	R=255, G=0, B+, W=0
					201	Magenta (R=255, G=0, B=255, W=0)
					202-238	R-, G=0, B=255, W=0
239	Blue (R=0, G=0, B=255, W=0)					
240-247	Color fade, fast to slow					
248-255	Color jump, fast to slow					
13	13	13	13	Background color dimmer	0-255	0-100%
14	14			Background color dimmer 16bit	0-255	0-100%
15	15	14	14	Dimmer	0-255	0-100%
16	16			Dimmer 16bit	0-255	0-100%
17	17	15	15	Strobe	0-19	off
					20-24	on
					25-64	strobe 1, fast to slow
					65-69	on
					70-84	strobe 2 (fast on, slow off), fast to slow
					85-89	on
					90-104	strobe 3 (slow on, fast off), fast to slow
					105-109	on
					110-124	strobe 4 (random), fast to slow
					125-129	on
					130-144	strobe 5 (random fast on, slow off), fast to slow
					145-149	on
					150-164	strobe 6 (random slow on, fast off), fast to slow
					165-169	on
					170-184	strobe 7 (pulse strobe), fast to slow
					185-189	on
					190-204	strobe 8 (random pulse strobe), fast to slow
					205-209	on
210-224	strobe 9 (fade), fast to slow					
225-229	on					
230-244	strobe 10 (pulse strobe), fast to slow					
245-255	on					
18	18	16	16	Zoom	0-255	from small to big

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Single Mode

Mode/Channel				Channel Name	DMX	Function
217CH	179CH	97CH	21CH			
19	19	17	17	Control	0-9	no function
					10-14	pan/tilt blackout
					15-19	reserved
					20-24	color mixing RGBW
					25-29	color mixing CMY
					30-49	reserved
					50-54	pan reset
					55-59	tilt reset
					60-64	zoom reset
					65-69	reserved
					70-74	all reset
					75-119	reserved
					120-124	fan ECO
					125-129	fan FULL
					130-134	fan AUTO
					135-139	dimmer fast mode
140-144	dimmer smooth mode					
145-255	no function					
20	20	18	18	R(C) all	0-255	0-100%
21	21			R(C) all 16bit	0-255	0-100%
22	22	19	19	G(M) all	0-255	0-100%
23	23			G(M) all 16bit	0-255	0-100%
24	24	20	20	B(Y) all	0-255	0-100%
25	25			B(Y) all 16bit	0-255	0-100%
26	26	21	21	W all	0-255	0-100%
27	27			W all 16bit	0-255	0-100%
28				Dimmer 1	0-255	0-100%
29				Dimmer 1 16bit	0-255	0-100%
30	28	22		R(C)1	0-255	0-100%
31	29			R(C)1 16bit	0-255	0-100%
32	30	23		G(M)1	0-255	0-100%
33	31			G(M)1 16bit	0-255	0-100%
34	32	24		B(Y)1	0-255	0-100%
35	33			B(Y)1 16bit	0-255	0-100%
36	34	25		W1	0-255	0-100%
37	35			W1 16bit	0-255	0-100%
38				Dimmer 2	0-255	0-100%
39				Dimmer 2 16bit	0-255	0-100%
40	36	26		R(C)2	0-255	0-100%
41	37			R(C)2 16bit	0-255	0-100%
42	38	27		G(M)2	0-255	0-100%
43	39			G(M)2 16bit	0-255	0-100%
44	40	28		B(Y)2	0-255	0-100%
45	41			B(Y)2 16bit	0-255	0-100%
46	42	29		W2	0-255	0-100%
47	43			W2 16bit	0-255	0-100%
208				Dimmer 19	0-255	0-100%
209				Dimmer 19 16bit	0-255	0-100%
210	172	94		R(C)19	0-255	0-100%
211	173			R(C)19 16bit	0-255	0-100%
212	174	95		G(M)19	0-255	0-100%
213	175			G(M)19 16bit	0-255	0-100%
214	176	96		B(Y)19	0-255	0-100%



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Mode/Channel				Channel Name	DMX	Function
217CH	179CH	97CH	21CH			
215	177			B(Y)19 16bit	0-255	0-100%
216	178	97		W19	0-255	0-100%
217	179			W19 16bit	0-255	0-100%

CT3 WASH-DMX CHART

Dual Mode movement section



Mode/Channel			Channel Name	DMX	Function
27CH	21CH	9CH			
1	1	1	Pan	0-255	0-540
2	2	2	Pan 16bit	0-255	16bit adjustable
3	3	3	Tilt	0-255	0-270
4	4	4	Tilt 16bit	0-255	16bit adjustable
5	5	5	Pan/Tilt speed	0-255	fast to slow
6	6		CTC	0	no function
				1-255	from 19000K to 2700K
7	7		Color	0	no function
				1-2	2700K(R=156, G=118, B=0, W=63)
				3-4	3200K(R=156, G=141, B=5, W=89)
				5-6	4200K(R=156, G=141, B=14, W=255)
				7-8	5600K(R=156, G=207, B=54, W=255)
				9-10	8000K(R=130, G=255, B=96, W=255)
				11	Blue (R=0, G=0, B=255, W=0)
				12-48	R=0, G+, B=255, W=0
				49	Cyan (R=0, G=255, B=255, W=0)
				50-86	R=0, G=255, B-, W=0
				87	Green (R=0, G=255, B=0, W=0)
				88-124	R+, G=255, B=0, W=0
				125	Yellow (R=255, G=255, B=0, W=0)
				126-162	R=255, G-, B=0, W=0
				163	Red (R=255, G=0, B=0, W=0)
				164-200	R=255, G=0, B+, W=0
				201	Magenta (R=255, G=0, B=255, W=0)
				202-238	R-, G=0, B=255, W=0
				239	Blue (R=0, G=0, B=255, W=0)
				240-247	Color fade, fast to slow
248-255	Color jump, fast to slow				
8	8		Pattern	0	no function
				1	pattern 1
				2	pattern 2
				3	pattern 3
			
				253	pattern 253
				254	pattern 254
				255	pattern 255
9	9		LED built-in	0-15	no function
				16	LED built-in 1
				17	LED built-in 2
				18	LED built-in 3
				.	.
				.	.
				.	.
				114	LED built-in 99
				115	LED built-in 100
				116	LED built-in 101
117-135	LED built-in 102 (main built-in)				
136	LED built-in 103				

CT3 WASH-DMX CHART

Dual Mode movement section



Mode/Channel			Channel Name	DMX	Function
27CH	21CH	9CH			
9	9		LED built-in	137	LED built-in 104
				138	LED built-in 105
				.	.
				.	.
				.	.
				234	LED built-in 201
				235	LED built-in 202
				236	LED built-in 203
237-255	LED built-in 204 (main built-in)				
10	10		LED built-in speed	0-127	fast to slow
				128	stop
				129-255	reverse slow to fast
11	11		LED built-in delay	0-255	fast to slow
12	12		Background color	0	no function
				1-2	2700K(R=156, G=118, B=0, W=63)
				3-4	3200K(R=156, G=141, B=5, W=89)
				5-6	4200K(R=156, G=141, B=14, W=255)
				7-8	5600K(R=156, G=207, B=54, W=255)
				9-10	8000K(R=130, G=255, B=96, W=255)
				11	Blue (R=0, G=0, B=255, W=0)
				12-48	R=0, G+, B=255, W=0
				49	Cyan (R=0, G=255, B=255, W=0)
				50-86	R=0, G=255, B-, W=0
				87	Green (R=0, G=255, B=0, W=0)
				88-124	R+, G=255, B=0, W=0
				125	Yellow (R=255, G=255, B=0, W=0)
				126-162	R=255, G-, B=0, W=0
				163	Red (R=255, G=0, B=0, W=0)
				164-200	R=255, G=0, B+, W=0
				201	Magenta (R=255, G=0, B=255, W=0)
				202-238	R-, G=0, B=255, W=0
239	Blue (R=0, G=0, B=255, W=0)				
240-247	Color fade, fast to slow				
248-255	Color jump, fast to slow				
13	13		Background color dimmer	0-255	0-100%
14			Background color dimmer 16bit	0-255	0-100%
15	14	6	Dimmer	0-255	0-100%
16			Dimmer 16bit	0-255	0-100%
17	15	7	Strobe	0-19	off
				20-24	on
				25-64	strobe 1, fast to slow
				65-69	on
				70-84	strobe 2 (fast on, slow off), fast to slow
				85-89	on
				90-104	strobe 3 (slow on, fast off), fast to slow
				105-109	on

CT3 WASH-DMX CHART

Dual Mode movement section



Mode/Channel			Channel Name	DMX	Function
27CH	21CH	9CH			
17	15	7	Strobe	110-124	strobe 4 (random), fast to slow
				125-129	on
				130-144	strobe 5 (random fast on, slow off), fast to slow
				145-149	on
				150-164	strobe 6 (random slow on, fast off), fast to slow
				165-169	on
				170-184	strobe 7 (pulse strobe), fast to slow
				185-189	on
				190-204	strobe 8 (random pulse strobe), fast to slow
				205-209	on
				210-224	strobe 9 (fade), fast to slow
				225-229	on
				230-244	strobe 10 (pulse strobe), fast to slow
				245-255	on
18	16	8	Zoom	0-255	from big to small
19	17	9	Control	0-9	no function
				10-14	pan/tilt blackout
				15-19	reserved
				20-24	color mixing RGBW
				25-29	color mixing CMY
				30-49	reserved
				50-54	pan reset
				55-59	tilt reset
				60-64	zoom reset
				65-69	reserved
				70-74	all reset
				75-119	reserved
				120-124	fan ECO
				125-129	fan FULL
				130-134	fan AUTO
				135-139	dimmer fast mode
140-144	dimmer smooth mode				
145-255	no function				
20	18		R(C) all	0-255	0-100%
21			R(C) all 16bit	0-255	0-100%
22	19		G(M) all	0-255	0-100%
23			G(M) all 16bit	0-255	0-100%
24	20		B(Y) all	0-255	0-100%
25			B(Y) all 16bit	0-255	0-100%
26	21		W all	0-255	0-100%
27			W all 16bit	0-255	0-100%



CT3 WASH-DMX CHART

Dual Mode LED section

Mode/Channel			Channel Name	DMX	Function
152CH	76CH	57CH			
1	1	1	R(C)1	0-255	0-100%
2			R(C)1 16bit	0-255	0-100%
3	2	2	G(M)1	0-255	0-100%
4			G(M)1 16bit	0-255	0-100%
5	3	3	B(Y)1	0-255	0-100%
6			B(Y)1 16bit	0-255	0-100%
7	4		W1	0-255	0-100%
8			W1 16bit	0-255	0-100%
9	5	4	R(C)2	0-255	0-100%
10			R(C)2 16bit	0-255	0-100%
11	6	5	G(M)2	0-255	0-100%
12			G(M)2 16bit	0-255	0-100%
13	7	6	B(Y)2	0-255	0-100%
14			B(Y)2 16bit	0-255	0-100%
15	8		W2	0-255	0-100%
16			W2 16bit	0-255	0-100%
.			.		
.			.		
.			.		
.			.		
145	73	55	R(C)19	0-255	0-100%
146			R(C)19 16bit	0-255	0-100%
147	74	56	G(M)19	0-255	0-100%
148			G(M)19 16bit	0-255	0-100%
149	75	57	B(Y)19	0-255	0-100%
150			B(Y)19 16bit	0-255	0-100%
151	76		W19	0-255	0-100%
152			W19 16bit	0-255	0-100%