

# ROOT PAR TW

7 X 4 W CW + WW PAR SPOTLIGHT

DMX CONTROL TABLE - FIRMWARE VERSION 1.1 AND LATER



<b>1 CH Mode (preselect color in stand-alone mode Direct or CCT)</b>					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%

<b>2 CH Mode</b>					
Ch.	Function	Values			
1	Cold White	000	-	255	0% to 100%
2	Warm White	000	-	255	0% to 100%

<b>3 CH 1 Mode (preselect color in stand-alone mode Direct or CCT)</b>					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Strobe functions	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	022	Ramp up/down, slow -> fast
		023	-	033	Ramp up/down random, slow->fast
		034	-	045	Ramp up, slow -> fast
		046	-	056	Ramp up random, slow -> fast
		057	-	068	Ramp down, slow -> fast
		069	-	079	Ramp down random, slow -> fast
		080	-	102	Random Strobe effect, slow -> fast
		103	-	127	Strobe Break effect, 5s....1s (short burst with break)
3	Sound (triggers Strobe)	128	-	250	Strobe slow -> fast <1Hz - 20Hz
		251	-	255	Strobe open
		000	-	005	Sound Control Off
		006	-	255	Sound Control On, mic sensitivity low -> high

<b>3 CH 2 Mode</b>					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Strobe	000	-	005	Strobe open
		006	-	255	Strobe slow -> fast <1Hz - 20Hz

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3	Color Temperature	000	-	000	Warm White
		001		087	Warm White -> 3200K
		088	-	088	Halogen White (3200K)
		089	-	128	3200K-4000K
		129	-	129	Neutral White (4000K)
		130	-	169	4000K-5600K
		170	-	170	Studio White (5600K)
		171	-	210	5600K-6500K
		211	-	211	Daylight White (6500K)
		212	-	251	6500K -> Cold White
		252	-	255	Cold White

7 CH Mode					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Dimmer fine	000	-	255	0% to 100%
3	Strobe functions	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	022	Ramp up/down, slow -> fast
		023	-	033	Ramp up/down random, slow->fast
		034	-	045	Ramp up, slow -> fast
		046	-	056	Ramp up random, slow -> fast
		057	-	068	Ramp down, slow -> fast
		069	-	079	Ramp down random, slow -> fast
		080	-	102	Random Strobe effect, slow -> fast
		103	-	127	Strobe Break effect, 5s.....1s (short burst with break)
		128	-	250	Strobe slow -> fast <1Hz - 20Hz
251	-	255	Strobe open		

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4	Cold White	000	-	255	0% to 100%
5	Warm White	000	-	255	0% to 100%
6	"Color Temperature (overrides channel 4 + 5)"	000	-	008	Off
		009	-	009	Warm White
		010		087	Warm White -> 3200K
		088	-	088	Halogen White (3200K)
		089	-	128	3200K-4000K
		129	-	129	Neutral White (4000K)
		130	-	169	4000K-5600K
		170	-	170	Studio White (5600K)
		171	-	210	5600K-6500K
		211	-	211	Daylight White (6500K)
		212	-	251	6500K -> Cold White
252	-	255	Cold White		
7	"Sound (triggers Strobe)"	000	-	005	Sound Control Off
		006	-	255	Sound Control On, mic sensitivity low -> high

## 2 CH Mode with DMX-Delay Channel (preselect color in stand-alone mode Direct or CCT)

Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	DMX Delay	000	-	005	No Delay
		006	-	255	0,1s -> 2,0s

## 3 CH Mode with DMX-Delay Channel

Ch.	Function	Values			
1	Cold White	000	-	255	0% to 100%
2	Warm White	000	-	255	0% to 100%
3	DMX Delay	000	-	005	No Delay
		006	-	255	0,1s -> 2,0s

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## 4 CH 1 Mode with DMX-Delay Channel (preselect color in stand-alone mode Direct or CCT)

Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Strobe functions	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	022	Ramp up/down, slow -> fast
		023	-	033	Ramp up/down random, slow->fast
		034	-	045	Ramp up, slow -> fast
		046	-	056	Ramp up random, slow -> fast
		057	-	068	Ramp down, slow -> fast
		069	-	079	Ramp down random, slow -> fast
		080	-	102	Random Strobe effect, slow -> fast
		103	-	127	Strobe Break effect, 5s.....1s (short burst with break)
		128	-	250	Strobe slow -> fast <1Hz - 20Hz
		251	-	255	Strobe open
3	Sound (triggers Strobe)	000	-	005	Sound Control Off
		006	-	255	Sound Control On, mic sensitivity low -> high
4	DMX Delay	000	-	005	No Delay
		006	-	255	0,1s -> 2,0s

## 4 CH 2 Mode with DMX-Delay Channel

Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Strobe	000	-	005	Strobe open
		006	-	255	Strobe slow -> fast <1Hz - 20Hz
3	Color Temperature	000	-	000	Warm White
		001	-	087	Warm White -> 3200K
		088	-	088	Halogen White (3200K)
		089	-	128	3200K-4000K
		129	-	129	Neutral White (4000K)
		130	-	169	4000K-5600K
		170	-	170	Studio White (5600K)
		171	-	210	5600K-6500K
		211	-	211	Daylight White (6500K)
		212	-	251	6500K -> Cold White
		252	-	255	Cold White
4	DMX Delay	000	-	005	No Delay
		006	-	255	0,1s -> 2,0s

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8 CH Mode with DMX-Delay Channel					
Ch.	Funciti	Values			
1	Dimmer	000	-	255	0% to 100%
2	Dimmer fine	000	-	255	0% to 100%
3	Strobe functions	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	022	Ramp up/down, slow -> fast
		023	-	033	Ramp up/down random, slow->fast
		034	-	045	Ramp up, slow -> fast
		046	-	056	Ramp up random, slow -> fast
		057	-	068	Ramp down, slow -> fast
		069	-	079	Ramp down random, slow -> fast
		080	-	102	Random Strobe effect, slow -> fast
		103	-	127	Strobe Break effect, 5s.....1s (short burst with break)
		128	-	250	Strobe slow -> fast <1Hz - 20Hz
		251	-	255	Strobe open
4	Cold White	000	-	255	0% to 100%
5	Warm White	000	-	255	0% to 100%
6	Color Temperature (overrides channel 4 + 5)	000	-	008	Off
		009	-	009	Warm White
		010		087	Warm White -> 3200K
		088	-	088	Halogen White (3200K)
		089	-	128	3200K-4000K
		129	-	129	Neutral White (4000K)
		130	-	169	4000K-5600K
		170	-	170	Studio White (5600K)
		171	-	210	5600K-6500K
		211	-	211	Daylight White (6500K)
		212	-	251	6500K -> Cold White
		252	-	255	Cold White
7	Sound (triggers Strobe)	000	-	005	Sound Control Off
		006	-	255	Sound Control On, mic sensitivity low -> high
8	DMX Delay	000	-	005	No Delay
		006	-	255	0,1s -> 2,0s