

# ZENIT® Z180 G2

## PROFESSIONAL ZOOM PAR IP65

### DMX CONTROL TABLE



3CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Color Temperature	000	-	255	7200K - 3200K	Color Temperature
3	Zoom	000	-	255	narrow to wide	Zoom

4CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	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	
3	Color Macro & Color Jumping & Color Fading	251	-	255	Strobe open	Color Macro
		000	-	005	Color off	
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
		128	-	191	Color Jumping Speed slow -> fast / Color 1 -> 12	
		192	-	255	Color Fading Speed slow -> fast / Color 1 -> 12	
4	Zoom	000	-	255	narrow to wide	Zoom

5CH Mode						
Ch.	Function	Values			Sub-Group	
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue
4	White	000	-	255	0% to 100%	White
5	Zoom	000	-	255	narrow to wide	Zoom

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### DMX CONTROL TABLE



9CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe Functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	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	Red	000	-	255	0% to 100%	Red
4	Green	000	-	255	0% to 100%	Green
5	Blue	000	-	255	0% to 100%	Blue
6	White	000	-	255	0% to 100%	White
7	Color Macro & Color Jumping & Color Fading (overrides RGBW)	000	-	005	Color off	Color Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
126	-	127	Color Jumping Stop			
		128	-	191	Color Jumping Speed slow -> fast / Color 1 -> 12	
		192	-	255	Color Fading Speed slow -> fast / Color 1 -> 12	
8	Zoom	000	-	255	narrow to wide	Zoom
9	Device Settings (please read remark 1*)	000	-	005	no function	Device Settings
		006	-	027	Dimmer Response LED (Hold 3s)	
		028	-	049	Dimmer Response Halogen (Hold 3s)	
		050	-	060	Fan Auto (Hold 5s)	
		061	-	071	Fan Silent (Hold 5s)	
		072	-	082	Zoomrange Standard (Hold 5s)	
		083	-	093	Zoomrange Extended (Hold 5s)	
		094	-	115	PWM Frequency 800 Hz (Hold 5s)	
		116	-	137	PWM Frequency 1200 Hz (Hold 5s)	
		138	-	159	PWM Frequency 2000 Hz (Hold 5s)	
		160	-	181	PWM Frequency 3600 Hz (Hold 5s)	
		182	-	203	PWM Frequency 12 kHz (Hold 5s)	
		204	-	225	PWM Frequency 25 kHz (Hold 5s)	
		226	-	247	Zoom Reset (Hold 5s)	
		248	-	255	no function	

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### DMX CONTROL TABLE



10CH Mode						
Ch.	Function	Values			Sub-Group	
1	Red	000	-	255	0% to 100%	Red
2	Red fine	000	-	255	0% to 100%	
3	Green	000	-	255	0% to 100%	Green
4	Green fine	000	-	255	0% to 100%	
5	Blue	000	-	255	0% to 100%	Blue
6	Blue fine	000	-	255	0% to 100%	
7	White	000	-	255	0% to 100%	White
8	White fine	000	-	255	0% to 100%	
9	Zoom	000	-	255	narrow to wide	Zoom
10	Zoom fine	000	-	255	narrow to wide	

11CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	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	Red	000	-	255	0% to 100%	Red
4	Green	000	-	255	0% to 100%	Green
5	Blue	000	-	255	0% to 100%	Blue
6	White	000	-	255	0% to 100%	White
7	Color Macro & Color Jumping & Color Fading (overrides RGBW)	000	-	005	Color off	Color Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
128	-	191	Color Jumping Speed slow -> fast / Color 1 -> 12			
192	-	255	Color Fading Speed slow -> fast / Color 1 -> 12			
8	Color Temperature Correction (affects RGBW and Color Macros)	000	-	005	off	Color Temperature Correction
		006	-	255	cold -> warm	
9	Zoom	000	-	255	narrow to wide	Zoom

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### DMX CONTROL TABLE



10	Set Dimmer Curve	000	-	005	no function	Set Dimmer Curve
		006	-	063	Linear Dimmer Curve	
		064	-	127	Exponential	
		128	-	191	Logarithmic	
		192	-	255	S-Curve Dimmer Curve	
11	Device Settings (please read remark 1*)	000	-	005	no function	Device Settings
		006	-	027	Dimmer Response LED (Hold 3s)	
		028	-	049	Dimmer Response Halogen (Hold 3s)	
		050	-	060	Fan Auto (Hold 5s)	
		061	-	071	Fan Silent (Hold 5s)	
		072	-	082	Zoomrange Standard (Hold 5s)	
		083	-	093	Zoomrange Extended (Hold 5s)	
		094	-	115	PWM Frequency 800 Hz (Hold 5s)	
		116	-	137	PWM Frequency 1200 Hz (Hold 5s)	
		138	-	159	PWM Frequency 2000 Hz (Hold 5s)	
		160	-	181	PWM Frequency 3600 Hz (Hold 5s)	
		182	-	203	PWM Frequency 12 kHz (Hold 5s)	
		204	-	225	PWM Frequency 25 kHz (Hold 5s)	
		226	-	247	Zoom Reset (Hold 5s)	
		248	-	255	no function	

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## PROFESSIONAL ZOOM PAR IP65

### DMX CONTROL TABLE



17CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe Functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	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	Red	000	-	255	0% to 100%	Red
5	Red fine	000	-	255	0% to 100%	Green
6	Green	000	-	255	0% to 100%	
7	Green fine	000	-	255	0% to 100%	Blue
8	Blue	000	-	255	0% to 100%	
9	Blue fine	000	-	255	0% to 100%	White
10	White	000	-	255	0% to 100%	
11	White fine	000	-	255	0% to 100%	Color Macro
12	Color Macro & Color Jumping & Color Fading (overrides RGBW)	000	-	005	Color off	
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
128	-	191	Color Jumping Speed slow -> fast / Color 1 -> 12			
192	-	255	Color Fading Speed slow -> fast / Color 1 -> 12			
13	Color Temperature Correction (affects RGBW and Color Macros)	000	-	005	off	Color Temperature Correction
		006	-	255	cold -> warm	
14	Zoom	000	-	255	narrow to wide	Zoom
15	Zoom fine	000	-	255	narrow to wide	
16	Set Dimmer Curve	000	-	005	no function	Set Dimmer Curve
		006	-	063	Linear Dimmer Curve	
		064	-	127	Exponential Dimmer Curve	
		128	-	191	Logarithmic Dimmer Curve	
		192	-	255	S-Curve Dimmer Curve	