

QUICK REFERENCE GUIDE



onAir IP Panel 1

DMX Values

16Ch

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Fine red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Fine green 1	000 ⇔ 255	0–100%
5	Blue 1	000 ⇔ 255	0–100%
6	Fine blue 1	000 ⇔ 255	0–100%
7	White 1	000 ⇔ 255	0–100%
8	Fine white 1	000 ⇔ 255	0–100%
9	Red 2	000 ⇔ 255	0–100%
10	Fine red 2	000 ⇔ 255	0–100%
11	Green 2	000 ⇔ 255	0–100%
12	Fine green 2	000 ⇔ 255	0–100%
13	Blue 2	000 ⇔ 255	0–100%
14	Fine blue 2	000 ⇔ 255	0–100%
15	White 2	000 ⇔ 255	0–100%
16	Fine white 2	000 ⇔ 255	0–100%

15Ch2

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	White 1	000 ⇔ 255	0–100%
6	Red 2	000 ⇔ 255	0–100%
7	Green 2	000 ⇔ 255	0–100%
8	Blue 2	000 ⇔ 255	0–100%
9	White 2	000 ⇔ 255	0–100%
10	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

Channel	Function	Value	Percent/Setting
11	Color temperature	000 ⇄ 005	No function
		006 ⇄ 012	2800K
		013 ⇄ 019	2900K
		020 ⇄ 026	3000K
		027 ⇄ 033	3100K
		034 ⇄ 040	3200K
		041 ⇄ 047	3300K
		048 ⇄ 054	3400K
		055 ⇄ 061	3500K
		062 ⇄ 068	3600K
		069 ⇄ 075	3700K
		076 ⇄ 082	3800K
		083 ⇄ 089	3900K
		090 ⇄ 096	4000K
		097 ⇄ 103	4100K
		104 ⇄ 110	4200K
		111 ⇄ 117	4300K
		118 ⇄ 124	4400K
		125 ⇄ 131	4500K
		132 ⇄ 138	4600K
		139 ⇄ 145	4700K
		146 ⇄ 152	4800K
		153 ⇄ 159	4900K
		160 ⇄ 166	5000K
		167 ⇄ 173	5100K
		174 ⇄ 180	5200K
		181 ⇄ 187	5300K
188 ⇄ 194	5400K		
195 ⇄ 201	5500K		
202 ⇄ 208	5600K		
209 ⇄ 215	5700K		
216 ⇄ 222	6000K		
223 ⇄ 229	6500K		
230 ⇄ 236	7000K		
237 ⇄ 243	7500K		
244 ⇄ 255	8000K		
12	Hue	000 ⇄ 001	0
		002 ⇄ 255	-25+25

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Channel	Function	Value	Percent/Setting
13	Effect macros	000 ⇔ 010	No function
		011 ⇔ 039	Color chase
		040 ⇔ 068	Police car
		069 ⇔ 096	Firetruck
		097 ⇔ 125	Fire
		126 ⇔ 154	Clouds
		155 ⇔ 182	Fireworks
		183 ⇔ 211	Paparazzi
		212 ⇔ 240	Lightning
		241 ⇔ 255	No function
14	Effect macro speed	000 ⇔ 255	Speed, slow to fast
15	Control	000 ⇔ 007	No function
		008 ⇔ 015	Reset dimmer
		016 ⇔ 023	Red shift on
		024 ⇔ 031	Red shift off
		032 ⇔ 039	S-curve dimmer
		040 ⇔ 047	Linear dimmer
		048 ⇔ 055	Square dimmer
		056 ⇔ 063	Inverse square dimmer
		064 ⇔ 071	Dimmer mode off
		072 ⇔ 079	Dimmer mode 1 (fast)
		080 ⇔ 087	Dimmer mode 2
		088 ⇔ 095	Dimmer mode 3 (slow)
		096 ⇔ 103	Fan mode auto
		104 ⇔ 111	Fan mode on
		112 ⇔ 119	Fan mode off
		120 ⇔ 127	Fan mode silent
128 ⇔ 255	Reserved for future use		

15Ch1

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Fine red	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Fine green	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Fine blue	000 ⇔ 255	0–100%
9	White	000 ⇔ 255	0–100%
10	Fine white	000 ⇔ 255	0–100%
11	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast

Channel	Function	Value	Percent/Setting
12	Color temperature	000 ⇄ 005	No function
		006 ⇄ 012	2800K
		013 ⇄ 019	2900K
		020 ⇄ 026	3000K
		027 ⇄ 033	3100K
		034 ⇄ 040	3200K
		041 ⇄ 047	3300K
		048 ⇄ 054	3400K
		055 ⇄ 061	3500K
		062 ⇄ 068	3600K
		069 ⇄ 075	3700K
		076 ⇄ 082	3800K
		083 ⇄ 089	3900K
		090 ⇄ 096	4000K
		097 ⇄ 103	4100K
		104 ⇄ 110	4200K
		111 ⇄ 117	4300K
		118 ⇄ 124	4400K
		125 ⇄ 131	4500K
		132 ⇄ 138	4600K
		139 ⇄ 145	4700K
		146 ⇄ 152	4800K
		153 ⇄ 159	4900K
		160 ⇄ 166	5000K
		167 ⇄ 173	5100K
		174 ⇄ 180	5200K
181 ⇄ 187	5300K		
188 ⇄ 194	5400K		
195 ⇄ 201	5500K		
202 ⇄ 208	5600K		
209 ⇄ 215	5700K		
216 ⇄ 222	6000K		
223 ⇄ 229	6500K		
230 ⇄ 236	7000K		
237 ⇄ 243	7500K		
244 ⇄ 255	8000K		
13	Hue	000 ⇄ 001	0
		002 ⇄ 255	-25--+25
14	Effect macros	000 ⇄ 010	No function
		011 ⇄ 039	Color chase
		040 ⇄ 068	Police car
		069 ⇄ 096	Firetruck
		097 ⇄ 125	Fire
		126 ⇄ 154	Clouds
		155 ⇄ 182	Fireworks
		183 ⇄ 211	Paparazzi
212 ⇄ 240	Lightning		
241 ⇄ 255	No function		
15	Effect macro speed	000 ⇄ 255	Speed, slow to fast

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11Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
7	Color temperature	000 ⇔ 005	No function
		006 ⇔ 012	2800K
		013 ⇔ 019	2900K
		020 ⇔ 026	3000K
		027 ⇔ 033	3100K
		034 ⇔ 040	3200K
		041 ⇔ 047	3300K
		048 ⇔ 054	3400K
		055 ⇔ 061	3500K
		062 ⇔ 068	3600K
		069 ⇔ 075	3700K
		076 ⇔ 082	3800K
		083 ⇔ 089	3900K
		090 ⇔ 096	4000K
		097 ⇔ 103	4100K
		104 ⇔ 110	4200K
		111 ⇔ 117	4300K
		118 ⇔ 124	4400K
		125 ⇔ 131	4500K
		132 ⇔ 138	4600K
		139 ⇔ 145	4700K
		146 ⇔ 152	4800K
		153 ⇔ 159	4900K
		160 ⇔ 166	5000K
167 ⇔ 173	5100K		
174 ⇔ 180	5200K		
181 ⇔ 187	5300K		
188 ⇔ 194	5400K		
195 ⇔ 201	5500K		
202 ⇔ 208	5600K		
209 ⇔ 215	5700K		
216 ⇔ 222	6000K		
223 ⇔ 229	6500K		
230 ⇔ 236	7000K		
237 ⇔ 243	7500K		
244 ⇔ 255	8000K		
8	Hue	000 ⇔ 001	0
		002 ⇔ 255	-25–+25

Channel	Function	Value	Percent/Setting
9	Effect macros	000 ⇔ 010	No function
		011 ⇔ 039	Color chase
		040 ⇔ 068	Police car
		069 ⇔ 096	Firetruck
		097 ⇔ 125	Fire
		126 ⇔ 154	Clouds
		155 ⇔ 182	Fireworks
		183 ⇔ 211	Paparazzi
		212 ⇔ 240	Lightning
		241 ⇔ 255	No function
10	Effect macro speed	000 ⇔ 255	Speed, slow to fast
11	Control	000 ⇔ 007	No function
		008 ⇔ 015	Reset dimmer
		016 ⇔ 023	Red shift on
		024 ⇔ 031	Red shift off
		032 ⇔ 039	S-curve dimmer
		040 ⇔ 047	Linear dimmer
		048 ⇔ 055	Square dimmer
		056 ⇔ 063	Inverse square dimmer
		064 ⇔ 071	Dimmer mode off
		072 ⇔ 079	Dimmer mode 1 (fast)
		080 ⇔ 087	Dimmer mode 2
		088 ⇔ 095	Dimmer mode 3 (slow)
		096 ⇔ 103	Fan mode auto
		104 ⇔ 111	Fan mode on
		112 ⇔ 119	Fan mode off
		120 ⇔ 127	Fan mode silent
		128 ⇔ 255	Reserved for future use

10Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	White 1	000 ⇔ 255	0–100%
6	Red 2	000 ⇔ 255	0–100%
7	Green 2	000 ⇔ 255	0–100%
8	Blue 2	000 ⇔ 255	0–100%
9	White 2	000 ⇔ 255	0–100%
10	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast

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8Ch2

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Fine red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Fine green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Fine blue	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%
8	Fine white	000 ⇔ 255	0–100%

8Ch1

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Green 1	000 ⇔ 255	0–100%
3	Blue 1	000 ⇔ 255	0–100%
4	White 1	000 ⇔ 255	0–100%
5	Red 2	000 ⇔ 255	0–100%
6	Green 2	000 ⇔ 255	0–100%
7	Blue 2	000 ⇔ 255	0–100%
8	White 2	000 ⇔ 255	0–100%

6Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

5Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Fine dimmer	000 ⇄ 255	0–100%
3	Color temperature	000 ⇄ 005	No function
		006 ⇄ 012	2800K
		013 ⇄ 019	2900K
		020 ⇄ 026	3000K
		027 ⇄ 033	3100K
		034 ⇄ 040	3200K
		041 ⇄ 047	3300K
		048 ⇄ 054	3400K
		055 ⇄ 061	3500K
		062 ⇄ 068	3600K
		069 ⇄ 075	3700K
		076 ⇄ 082	3800K
		083 ⇄ 089	3900K
		090 ⇄ 096	4000K
		097 ⇄ 103	4100K
		104 ⇄ 110	4200K
		111 ⇄ 117	4300K
		118 ⇄ 124	4400K
		125 ⇄ 131	4500K
		132 ⇄ 138	4600K
		139 ⇄ 145	4700K
		146 ⇄ 152	4800K
		153 ⇄ 159	4900K
160 ⇄ 166	5000K		
167 ⇄ 173	5100K		
174 ⇄ 180	5200K		
181 ⇄ 187	5300K		
188 ⇄ 194	5400K		
195 ⇄ 201	5500K		
202 ⇄ 208	5600K		
209 ⇄ 215	5700K		
216 ⇄ 222	6000K		
223 ⇄ 229	6500K		
230 ⇄ 236	7000K		
237 ⇄ 243	7500K		
244 ⇄ 255	8000K		
4	Hue	000 ⇄ 001	0
		002 ⇄ 255	-25–+25
5	Strobe	000 ⇄ 010	No function
		011 ⇄ 255	Strobe, slow to fast

4Ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0–100%
2	Green	000 ⇄ 255	0–100%
3	Blue	000 ⇄ 255	0–100%
4	White	000 ⇄ 255	0–100%

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3Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Color temperature	000 ⇔ 005	No function
		006 ⇔ 012	2800K
		013 ⇔ 019	2900K
		020 ⇔ 026	3000K
		027 ⇔ 033	3100K
		034 ⇔ 040	3200K
		041 ⇔ 047	3300K
		048 ⇔ 054	3400K
		055 ⇔ 061	3500K
		062 ⇔ 068	3600K
		069 ⇔ 075	3700K
		076 ⇔ 082	3800K
		083 ⇔ 089	3900K
		090 ⇔ 096	4000K
		097 ⇔ 103	4100K
		104 ⇔ 110	4200K
		111 ⇔ 117	4300K
		118 ⇔ 124	4400K
		125 ⇔ 131	4500K
		132 ⇔ 138	4600K
		139 ⇔ 145	4700K
		146 ⇔ 152	4800K
		153 ⇔ 159	4900K
		160 ⇔ 166	5000K
167 ⇔ 173	5100K		
174 ⇔ 180	5200K		
181 ⇔ 187	5300K		
188 ⇔ 194	5400K		
195 ⇔ 201	5500K		
202 ⇔ 208	5600K		
209 ⇔ 215	5700K		
216 ⇔ 222	6000K		
223 ⇔ 229	6500K		
230 ⇔ 236	7000K		
237 ⇔ 243	7500K		
244 ⇔ 255	8000K		
3	Hue	000 ⇔ 001	0
		002 ⇔ 255	-25–+25

1Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (color set through display menu)