

DMX512 CONFIGURATION

TABLE 1. 16-BIT CHANNEL MODE

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	Intensity high	0-65535	16-bit control of dimming
2	Intensity low		
3	Zoom	0-65535	Zoom control ,0-100% (Narrow -> Wide)

TABLE 1. 16-BIT CHANNEL MODE

CHANNEL	FUNCTION	VALUE	DESCRIPTION
4	Red high	0-65535	16-bit control of color
5	Red low		
6	Green high	0-65535	16-bit control of color
7	Green low		
8	Blue high	0-65535	16-bit control of color
9	Blue low		
10	White high	0-65535	16-bit control of color
11	White low		

TABLE 1. 16-BIT CHANNEL MODE

CHANNEL	FUNCTION	VALUE	DESCRIPTION
12	Color preset	000-068	Channel OFF
		069-070	CF_0_Color OFF
		071-072	CF_1_White 10000K
		073-074	CF_2_White 8000K
		075-076	CF_3_White 6500K
		077-078	CF_4_White 5600K
		079-080	CF_5_White 5000K
		081-082	CF_6_White 4500K
		083-084	CF_7_White 4000K
		085-086	CF_8_White 3200
		087-088	CF_9_White 3000K
		089-090	CF_10_White 2700K
		091-092	CF_11_Moroccan Pink
		093-094	CF_12_Pink
		095-096	CF_13_Flesh Pink
		097-098	CF_14_Bright Rose
		099-100	CF_15_Follies Pink
		101-102	CF_16_Fuchsia Pink
		103-104	CF_17_Surprise Pink
		105-106	CF_18_Congo Blue
		107-108	CF_19_Blue
		109-110	CF_20_Virgin Blue
		111-112	CF_21_Midnight Maya
		113-114	CF_22_Dluble C.T Blue
		115-116	CF_23_Slate Blue
		117-118	CF_24_Regal Blue
		119-120	CF_25_Fullt C.T Blue
		121-122	CF_26_Steel Blue
		123-124	CF_27_Lighter Blue
		125-126	CF_28_Cyan
		127-128	CF_29_Marine Blue
		129-130	CF_30_Soft Green
		131-132	CF_31_Moss Green
		133-134	CF_32_Green
		135-136	CF_33_Fem Green
		137-138	CF_34_JAS Green
		139-140	CF_35_Pale Green
		141-142	CF_36_Spring Yellow
		143-144	CF_37_Yellow
		145-146	CF_38_Deep Amber
		147-148	CF_39_Chrome Orange
		149-150	CF_40_Orange
		151-152	CF_41_Magenta
		153-154	CF_42_Flame Red
		155-156	CF_43_Purple
		157-187	Rotate CW Fast Slow
		188-208	Rotate CCW Fast Slow
		209-229	Random Color Fast Slow
		230-255	Channel off
13	Strobe speed	000-255	0.5 Hz to 30Hz
14	Strobe speed	000-005	Open
		006-010	Closed
		011-015	Normal Strobe
		016-020	Random Strobe
		021-025	Random Sync
		026-255	Reserved Values
15	Control channel	000-005	Idle(Default)
		006-010	Full Luminaire ReCal
		011-015	Reserved Values
		016-020	Reserved Values
		021-025	Fixture Shutdow
		026-030	Display - Menu ON
		031-035	Display - Menu OFF

TABLE 2. 8-BIT CHANNEL MODE

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	Intensity	0-65535	16-bit control of dimming
2	Zoom	0-65535	Zoom control ,0-100% (Narrow -> Wide)
3	Red	0-65535	16-bit control of color
4	Green	0-65535	16-bit control of color
5	Blue	0-65535	16-bit control of color
6	White	0-65535	16-bit control of color
7	Color preset	000-068 Channel OFF 069-070 CF_0_Color OFF 071-072 CF_1_White 10000K 073-074 CF_2_White 8000K 075-076 CF_3_White 6500K 077-078 CF_4_White 5600K 079-080 CF_5_White 5000K 081-082 CF_6_White 4500K 083-084 CF_7_White 4000K 085-086 CF_8_White 3200 087-088 CF_9_White 3000K 089-090 CF_10_White 2700K 091-092 CF_11_Moroccan Pink 093-094 CF_12_Pink 095-096 CF_13_Flesh Pink 097-098 CF_14_Bright Rose 099-100 CF_15_Follies Pink 101-102 CF_16_Fuchsia Pink 103-104 CF_17_Surprise Pink 105-106 CF_18_Congo Blue 107-108 CF_19_Blue 109-110 CF_20_Virgin Blue 111-112 CF_21_Midnight Maya 113-114 CF_22_Dluble C.T Blue 115-116 CF_23_Slate Blue 117-118 CF_24_Regal Blue 119-120 CF_25_Fullt C.T Blue 121-122 CF_26_Steel Blue 123-124 CF_27_Lighter Blue 125-126 CF_28_Cyan 127-128 CF_29_Marine Blue 129-130 CF_30_Soft Green 131-132 CF_31_Moss Green 133-134 CF_32_Green 135-136 CF_33_Fem Green 137-138 CF_34_JAS Green 139-140 CF_35_Pale Green 141-142 CF_36_Spring Yellow 143-144 CF_37_Yellow 145-146 CF_38_Deep Amber 147-148 CF_39_Chrome Orange 149-150 CF_40_Orange 151-152 CF_41_Magenta 153-154 CF_42_Flame Red 155-156 CF_43_Purple 157-187 Rotate CW Fast Slow 188-208 Rotate CCW Fast Slow 209-229 Random Color Fast Slow 230-255 Channel off	
8	Strobe speed	000-255	0.5Hz to 30Hz
9	Strobe speed	000-005 Open 006-010 Closed 011-015 Normal Strobe 016-020 Random Strobe 021-025 Random Sync 026-255 Reserved Values	

TABLE 2. 8-BIT CHANNEL MODE

CHANNEL	FUNCTION	VALUE	DESCRIPTION
10	Control channel	000-005	Idle(Default)
		006-010	Full Luminaire ReCal
		011-015	Reserved Values
		016-020	Reserved Values
		021-025	Fixture Shutdow
		026-030	Display - Menu ON
		031-035	Display - Menu OFF
		036-040	Dimming Curve Linear
		041-045	Dimming Curve S-Curve
		046-050	Dimming Curve Square Curve (Default)**
		051-055	Reserved Values
		056-060	Reserved Values
		061-065	Dimmer Snap On
		066-070	Dimmer Snap Off (Default)
		071-075	Reserved Values
		076-080	Reserved Values
		081-085	Standard Mode
		086-090	Studio Mode
		091-100	Fan On (Default)
		101-110	Fan Auto
		111-255	Reserved Values

TABLE 3. 8-BIT COLOR MODE

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	Zoom	000-255	16-bit control of dimming
2	Red	0-65535	Zoom control, 0-100% (narrow -> wide)
3	Green	0-65535	16-bit control of color
4	Blue	0-65535	16-bit control of color
5	White	0-65535	16-bit control of color