

# DMX CHANNELS/VALUES/FUNCTIONS

## MODES

The MDF2 has 4 DMX Channel Modes: 3, 5, 7 and 10.

<b>CH03 Channel Mode</b>			
<b>Channel</b>	<b>Trait</b>	<b>Value</b>	<b>Function</b>
CH1	Red LED's	0	Red Off
		1-255	Red from 0 – 100%
CH2	Green LED's	0	Green Off
		1-255	Green from 0 – 100%
CH3	Blue LED's	0	Blue Off
		1-255	Blue from 0 – 100%

<b>CH05 Channel Mode</b>			
<b>Channel</b>	<b>Trait</b>	<b>Value</b>	<b>Function</b>
CH1	Red LED's	0	Red Off
		1-255	Red from 0 – 100%
CH2	Green LED's	0	Green Off
		1-255	Green from 0 – 100%
CH3	Blue LED's	0	Blue Off
		1-255	Blue from 0 – 100%
CH4	Master Dimmer	0-255	Master Dimmer 0 – 100%
CH5	Master Dimmer Fine	0-255	Master Fine 16-bit Dimming 0 – 100%

# DMX CHANNELS/VALUES/FUNCTIONS

<b>CH07 Channel Mode</b>			
<b>Channel</b>	<b>Trait</b>	<b>Value</b>	<b>Function</b>
CH1	Red LED's	0	Red Off
		1-255	Red 0 – 100%
CH2	Green LED's	0	Green Off
		1-255	Green 0 – 100%
CH3	Blue LED's	0	Blue Off
		1-255	Blue 0 – 100%
CH4	Color Macros	0	No Effect
		1-255	32 Color Macros (see Color Macro Chart) <b>(see Color Macro Chart page 28)</b>
CH5	Strobe	0-31	OFF
		32-63	ON
		64-95	Variable Strobe Slow to Fast
		96-127	ON
		128-159	Strobe Pulse Effect Slow to Fast
		160-191	ON
		192-223	Random Strobe Slow to Fast
		224-255	ON
CH6	Master Dimmer	0-255	Master Dimmer 0 – 100%
CH7	Master Dimmer Fine	0-255	Master Fine 16-bit Dimming 0 – 100%

# DMX CHANNELS/VALUES/FUNCTIONS

<b>CH10 Channel Mode</b>			
<b>Channel</b>	<b>Trait</b>	<b>Value</b>	<b>Function</b>
CH1	Red LED's	0	Red Off
		1-255	Red 0 – 100%
CH2	Green LED's	0	Green Off
		1-255	Green 0 – 100%
CH3	Blue LED's	0	Blue Off
		1-255	Blue 0 – 100%
CH4	Color Macros	0	No Effect
		1-255	32 Color Macros (see Color Macro Chart page 28)
CH5	Strobe	0-31	OFF
		32-63	ON
		64-95	Variable Strobe Slow to Fast
		96-127	ON
		128-159	Strobe Pulse Effect Slow to Fast
		160-191	ON
		192-223	Random Strobe Slow to Fast
224-255	ON		
CH6	Master Dimmer	0-255	Master Dimmer 0 – 100%
CH7	Master Dimmer Fine	0-255	Master Fine 16-bit Dimming 0 – 100%
CH8	Dimming Speed	141-255	Dimming Speed Fast to Slow
CH9	Internal Programs	0-10	Maintain
		11-60	Random Color Change
		61-110	Color Jump
		111-160	Color Gradient
		161-210	Color Pulse
211-255	Sound Control		
CH10	Program Speed and Sound Mic Sensitivity	0-255	Color Change Speed Control Slow to Fast and Sound Sensitivity Less to More (Use with CH9)

# COLOR MACROS

## COLOR MACRO VALUES FOR CH07 AND CH10 MODES

OFF = 0

<b>DMX VALUES 1-7 (R02 BASTARD AMBER)</b>	
Red	255
Green	206
Blue	143

<b>DMX VALUES 56-63 (R36 MEDIUM PINK)</b>	
Red	234
Green	139
Blue	171

<b>DMX VALUES 112-119 (R361 HEMSLEY BLUE)</b>	
Red	0
Green	142
Blue	208

<b>DMX VALUES 8-15 (R04 MEDIUM AMBER)</b>	
Red	254
Green	177
Blue	153

<b>DMX VALUES 64-71 (R339 BROADWAY PINK)</b>	
Red	224
Green	5
Blue	97

<b>DMX VALUES 120-127 (R362 TIPTON BLUE)</b>	
Red	52
Green	148
Blue	209

<b>DMX VALUES 16-23 (R09 PALE AMBER GOLD)</b>	
Red	254
Green	192
Blue	138

<b>DMX VALUES 72-79 (R344 FOLLIES PINK)</b>	
Red	175
Green	77
Blue	173

<b>DMX VALUES 128-135 (R64 LIGHT STEEL BLUE)</b>	
Red	1
Green	134
Blue	201

<b>DMX VALUES 24-31 (R316 GALLO GOLD)</b>	
Red	254
Green	165
Blue	98

<b>DMX VALUES 80-87 (R52 LIGHT LAVENDER)</b>	
Red	119
Green	130
Blue	199

<b>DMX VALUES 136-143 (R67 LIGHT SKY BLUE)</b>	
Red	0
Green	145
Blue	212

<b>DMX VALUES 32-39 (R21 GOLDEN AMBER)</b>	
Red	254
Green	121
Blue	0

<b>DMX VALUES 88-95 (R54 SPECIAL LAVENDER)</b>	
Red	147
Green	164
Blue	212

<b>DMX VALUES 144-151 (R68 SKY BLUE)</b>	
Red	0
Green	121
Blue	192

<b>DMX VALUES 40-47 (R26 LIGHT RED)</b>	
Red	176
Green	17
Blue	0

<b>DMX VALUES 96-103 (R57 LAVENDER)</b>	
Red	88
Green	2
Blue	163

<b>DMX VALUES 152-159 (R69 BRILLIANT BLUE)</b>	
Red	0
Green	129
Blue	184

<b>DMX VALUES 48-55 (R27 MEDIUM RED)</b>	
Red	96
Green	0
Blue	11

<b>DMX VALUES 104-111 (R59 INDIGO)</b>	
Red	0
Green	38
Blue	86

# COLOR MACROS

## COLOR MACRO VALUES FOR CH07 AND CH10 MODES

OFF = 0

DMX VALUES 160-167 (R76 LIGHT GREEN BLUE)		DMX VALUES 208-215 (R91 PRIMARY GREEN)	
Red	0	Red	0
Green	83	Green	46
Blue	115	Blue	35

  

DMX VALUES 168-175 (R79 BRIGHT BLUE)		DMX VALUES 216-223 (L200 DOUBLE CTB)	
Red	0	Red	8
Green	97	Green	107
Blue	166	Blue	222

  

DMX VALUES 176-183 (R80 PRIMARY BLUE)		DMX VALUES 224-231 (L201 FULL CTB)	
Red	1	Red	107
Green	100	Green	156
Blue	167	Blue	231

  

DMX VALUES 184-191 (R382 CONGO BLUE)		DMX VALUES 232-239 (L202 1/2 CTB)	
Red	0	Red	165
Green	40	Green	198
Blue	86	Blue	247

  

DMX VALUES 192-199 (R87 PALE YELLOW GREEN)		DMX VALUES 240-247 (L119 DARK BLUE)	
Red	209	Red	0
Green	219	Green	0
Blue	182	Blue	189

  

DMX VALUES 200-207 (R89 MOSS GREEN)		DMX VALUES 248-255 (WHITE)	
Red	42	Red	255
Green	165	Green	255
Blue	85	Blue	255