

# DMX CHANNEL FUNCTIONS AND VALUES

## DMX Channel Values / Functions (64 DMX Channels)

Supports Software Versions:  $\geq 1.01$

Features subject to change without any prior written notice.

\*Pixel control of effects depends on Flip system menu settings and/or Cell Order DMX values.

NOTE: For all modes without Dim Mode and Control channels, use these system menu values: Dimmer Delay Time = 0.1s | Dimmer Curve = Linear

MODE / CHANNEL							Cell#	Default	VALUE	FUNCTION
1Ch	2Ch	Basic	Cells 8bit	Cells 16bit	Extended 4 Cell	Extended All				
		1			1	1		50		<b>STROBE</b>
									0-31	Closed
									32-63	Open
									64-95	Strobe (Slow → Fast)
									96-127	Open
									128-159	Pulse (Slow → Fast)
									160-191	Open
									192-223	Random (Slow → Fast)
		224-255	Open							
1		2			2	2		0		<b>MASTER INTENSITY</b>
									0-255	Close → Open
		3			3	3		0		<b>MASTER INTENSITY FINE</b>
									0-255	Close → Open
		4			4	4		0		<b>DIM MODES</b>
									0-20	Standard
									21-40	Stage
									41-60	TV
									61-80	Architectural
									81-100	Theater
									101-120	Stage 2
										<b>DIMMER DELAY TIME</b>
									121	0s
									122	0.1s (default)
									123	0.2s
									124	0.3s
									125	0.4s
									126	0.5s
									127	0.6s
									128	0.7s
									129	0.8s
									130	0.9s
									131	1.0s
									132	1.5s
		133	2.0s							
		134	3.0s							
		135	4.0s							
		136	5.0s							
		137	6.0s							
		138	7.0s							
		139	8.0s							
		140	9.0s							
		141	10s							
		142-255	Default							

MODE / CHANNEL							Cell#	Default	VALUE	FUNCTION
1Ch	2Ch	Basic	Cells 8bit	Cells 16bit	Extended 4 Cell	Extended All				
										<b>CONTROL</b>
									0-10	Idle
										<b>CHANGE CELL ORDER (hold 3s)</b>
									11-15	Standard
									16-20	Inverted
									21-25	Rotated
									26-30	Snake
									31-35	Snake Inverted
									36-40	Snake Rotated
									41-100	Idle
										<b>CHANGE REFRESH RATE (Hz) (instant)</b>
									101-105	900
									106-110	1000
									111-115	1100
									116-120	1200 (default)
									131-125	1300
									126-130	1400
		5			5	5			131-135	1500
									136-140	2500
									141-145	4000
									146-150	5000
									151-160	10000
									161-165	15000
									166-170	20000
									171-175	25000
									175-200	Idle
										<b>DIMMER CURVES(hold 3s)</b>
									201-210	Linear (default)
									211-220	Square
									221-230	Square
									231-240	S-Curve
										<b>DTW MODE</b>
									241-245	Dim to Warm Enabled (default)
									246-250	Dim to Warm Disabled
									251-255	Idle
										<b>WHITE</b>
	1	6					ALL	255	0-255	Close → Open
										<b>AMBER</b>
	2	7					ALL	255	0-255	Close → Open

MODE / CHANNEL							Cell#	Default	VALUE	FUNCTION
1Ch	2Ch	Basic	Cells 8bit	Cells 16bit	Extended 4 Cell	Extended All				
			1	1	6	6	1	255	0-255	<b>WHITE</b> 0 → 100%
				2				255	0-255	<b>WHITE FINE</b> 0 → 100%
			2	3	7	7		255	0-255	<b>AMBER</b> 0 → 100%
				4				255	0-255	<b>AMBER FINE</b> 0 → 100%
			3	5	8	8	2	255	0-255	<b>WHITE</b> 0 → 100%
				6				255	0-255	<b>WHITE FINE</b> 0 → 100%
			4	7	9	9		255	0-255	<b>AMBER</b> 0 → 100%
				8				255	0-255	<b>AMBER FINE</b> 0 → 100%
			5	9	10	10	3	255	0-255	<b>WHITE</b> 0 → 100%
				10				255	0-255	<b>WHITE FINE</b> 0 → 100%
			6	11	11	11		255	0-255	<b>AMBER</b> 0 → 100%
				12				255	0-255	<b>AMBER FINE</b> 0 → 100%
			7	13	12	12	4	255	0-255	<b>WHITE</b> 0 → 100%
				14				255	0-255	<b>WHITE FINE</b> 0 → 100%
			8	15	13	13		255	0-255	<b>AMBER</b> 0 → 100%
				16				255	0-255	<b>AMBER FINE</b> 0 → 100%

MODE / CHANNEL							Cell#	Default	VALUE	FUNCTION
1Ch	2Ch	Basic	Cells 8bit	Cells 16bit	Extended 4 Cell	Extended All				
			9	17		14	5	255	0-255	WHITE 0 → 100%
				18				255	0-255	WHITE FINE 0 → 100%
			10	19		15		255	0-255	AMBER 0 → 100%
				20				255	0-255	AMBER FINE 0 → 100%
			11	21		16		255	0-255	WHITE 0 → 100%
				22			6	255	0-255	WHITE FINE 0 → 100%
			12	23		17		255	0-255	AMBER 0 → 100%
				24				255	0-255	AMBER FINE 0 → 100%
			13	25		18		255	0-255	WHITE 0 → 100%
				26			7	255	0-255	WHITE FINE 0 → 100%
			14	27		19		255	0-255	AMBER 0 → 100%
				28				255	0-255	AMBER FINE 0 → 100%
			15	29		20		255	0-255	WHITE 0 → 100%
				30			8	255	0-255	WHITE FINE 0 → 100%
			16	31		21		255	0-255	AMBER 0 → 100%
				32				255	0-255	AMBER FINE 0 → 100%
								255	0-255	WHITE 0 → 100%

MODE / CHANNEL							Cell#	Default	VALUE	FUNCTION	
1Ch	2Ch	Basic	Cells 8bit	Cells 16bit	Extended 4 Cell	Extended All					
			17	33		22	9	255		<b>WHITE</b>	
				34				255	0-255	0 → 100%	<b>WHITE FINE</b>
			18	35		23		255	0-255	0 → 100%	<b>AMBER</b>
				36				255	0-255	0 → 100%	<b>AMBER FINE</b>
			19	37		24	10	255		<b>WHITE</b>	
				38				255	0-255	0 → 100%	<b>WHITE FINE</b>
			20	39		25		255	0-255	0 → 100%	<b>AMBER</b>
				40				255	0-255	0 → 100%	<b>AMBER FINE</b>
			21	41		26	11	255		<b>WHITE</b>	
				42				255	0-255	0 → 100%	<b>WHITE FINE</b>
			22	43		27		255	0-255	0 → 100%	<b>AMBER</b>
				44				255	0-255	0 → 100%	<b>AMBER FINE</b>
			23	45		28	12	255		<b>WHITE</b>	
				46				255	0-255	0 → 100%	<b>WHITE FINE</b>
			24	47		29		255	0-255	0 → 100%	<b>AMBER</b>
				48				255	0-255	0 → 100%	<b>AMBER FINE</b>

MODE / CHANNEL							Cell#	Default	VALUE	FUNCTION	
1Ch	2Ch	Basic	Cells 8bit	Cells 16bit	Extended 4 Cell	Extended All					
			25	49		30	13	255	0-255	WHITE 0 → 100%	
				50				255	0-255	WHITE FINE 0 → 100%	
			26	51		31		255	0-255	AMBER 0 → 100%	
				52				255	0-255	AMBER FINE 0 → 100%	
			27	53		32		14	255	0-255	WHITE 0 → 100%
				54					255	0-255	WHITE FINE 0 → 100%
			28	55		33	255		0-255	AMBER 0 → 100%	
				56			255		0-255	AMBER FINE 0 → 100%	
			29	57		34	15	255	0-255	WHITE 0 → 100%	
				58				255	0-255	WHITE FINE 0 → 100%	
			30	59		35		255	0-255	AMBER 0 → 100%	
				60				255	0-255	AMBER FINE 0 → 100%	
			31	61		36	16	255	0-255	WHITE 0 → 100%	
				62				255	0-255	WHITE FINE 0 → 100%	
			32	63		37		255	0-255	AMBER 0 → 100%	
				64				255	0-255	AMBER FINE 0 → 100%	