



# **Electro Storm XT26**

DMX Profile Specification

Controller Firmware V1.2

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## Mode 1: CCT 8-bit (4 - 9 Channels)

Channel	Value	Percent	Function		
1	0 - 255	0 - 100	Intensity	0 - 100%	
2	0 - 255	0 - 100	CCT	2700K - 6500K	
3	0 - 10	0 - 4	Green / Magenta	Neutral / No Effect	
	11 - 20	5 - 8		Full Minus Green	
	21 - 119	9 - 47		-99% - -1%	
	120 - 145	48 - 57		Neutral / No Effect	
	146 - 244	58 - 96		1% - 99%	
	245 - 255	97 - 100		Full Plus Green	
4	0 - 19	0 - 7	Strobe	NO Effect	
	20 - 255	8 - 100		1Hz - 25Hz	
<b>Motorized Accessories (Defaults to ON)</b>					
5	0 - 19	0 - 7	Zoom	NO Effect	
	20 - 255	8 - 100		18° - 50°	
6	0 - 19	0 - 7	Pan	NO Effect	
	20 - 255	8 - 100		0° - 360°	
7	0 - 19	0 - 7	Tilt	NO Effect	
	20 - 255	8 - 100		-135° - 135°	
<b>Function Configuration (Defaults to ON)</b>					
8	5	0 - 63	0 - 25	Fan Mode	Smart
		64 - 127	26 - 50		High
		128 - 191	51 - 75		Medium
		192 - 255	76 - 100		Silent
9	6	0 - 63	0 - 25	Dimming Curve	Linear
		64 - 127	26 - 50		S - curve
		128 - 191	51 - 75		Exp
		192 - 255	76 - 100		Log

**Motorized Accessories ON**

**Motorized Accessories OFF**

## Mode 2: FX 8-bit (4 - 9 Channels)

Channel	Value	Percent	Function	
1	0 - 255	0 - 100	Intensity	0 - 100%
2	0 - 9	0 - 4	Lightning	Loop
	10 - 69	5 - 27		Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	Explosion	Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	Other Effects	Loop
70 - 255	28 - 100	Stop		
3	0 - 9	0 - 4	Effect Selection	Paparazzi
	10 - 19	5 - 8		Fireworks
	20 - 29	9-12		Faulty bulb
	30 - 39	13 - 16		Lightning
	40 - 49	17 - 20		TV
	50 - 59	21 - 24		Pulsing
	60 - 69	25 - 28		Strobe
	70 - 79	29 - 32		Explosion
	80 - 89	33 - 36		Fire
	90 - 255	37 - 100		Reserved
	4	0 - 19		0 - 7
20 - 39		8 - 15	2	
40 - 59		16 - 23	3	
60 - 79		24 - 31	4	
80 - 99		32 - 39	5	
100 - 119		40 - 47	6	
120 - 139		48 - 55	7	
140 - 159		56 - 63	8	
160 - 179		64 - 71	9	
180 - 199		72 - 79	10	
200 - 219		80 - 87	Random	
220 - 255		88 - 100	Reserved	

Motorized Accessories (Defaults to ON)					
<b>5</b>		0 - 19	0 - 7	<b>Zoom</b>	NO Effect
		20 - 255	8 - 100		18° - 50°
<b>6</b>		0 - 19	0 - 7	<b>Pan</b>	NO Effect
		20 - 255	8 - 100		0° - 360°
<b>7</b>		0 - 19	0 - 7	<b>Tilt</b>	NO Effect
		20 - 255	8 - 100		-135° - 135°
Function Configuration (Defaults to ON)					
<b>8</b>	<b>5</b>	0 - 63	0 - 25	<b>Fan Mode</b>	Smart
		64 - 127	26 - 50		High
		128 - 191	51 - 75		Medium
		192 - 255	76 - 100		Silent
<b>9</b>	<b>6</b>	0 - 63	0 - 25	<b>Dimming Curve</b>	Linear
		64 - 127	26 - 50		S - curve
		128 - 191	51 - 75		Exp
		192 - 255	76 - 100		Log

**Motorized Accessories ON**

**Motorized Accessories OFF**

### Mode 3: CCT & FX 8-bit (7 - 12 Channels)

Channel	Value	Percent	Function	
1	0 - 255	0 - 100	Intensity	0 - 100%
2	0 - 255	0 - 100	CCT	2700K - 6500K
3	0 - 10	0 - 4	Green / Magenta	Neutral / No Effect
	11 - 20	5 - 8		Full Minus Green
	21 - 119	9 - 47		-99% - -1%
	120 - 145	48 - 57		Neutral / No Effect
	146 - 244	58 - 96		1% - 99%
	245 - 255	97 - 100		Full Plus Green
4	0 - 255	0 - 100	CCT - FX	Crossfade to FX
5	0 - 9	0 - 4	Lightning	Loop
	10 - 69	5 - 27		Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	Explosion	Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	Other Effects	Loop
70 - 255	28 - 100	Stop		
6	0 - 9	0 - 4	Effect Selection	Paparazzi
	10 - 19	5 - 8		Fireworks
	20 - 29	8 - 12		Faulty bulb
	30 - 39	13 - 16		Lightning
	40 - 49	17 - 20		TV
	50 - 59	21 - 24		Pulsing
	60 - 69	25 - 28		Strobe
	70 - 79	29 - 32		Explosion
	80 - 89	33 - 36		Fire
	90 - 255	37 - 100		Reserved

<b>7</b>	0 - 19	0 - 7	<b>Frequency</b>	1
	20 - 39	8 - 15		2
	40 - 59	16 - 23		3
	60 - 79	24 - 31		4
	80 - 99	32 - 39		5
	100 - 119	40 - 47		6
	120 - 139	48 - 55		7
	140 - 159	56 - 63		8
	160 - 179	64 - 71		9
	180 - 199	72 - 79		10
	200 - 219	80 - 87		Random
	220 - 255	88 - 100		Reserved
	<b>Motorized Accessories (Defaults to ON)</b>			
<b>8</b>	0 - 19	0 - 7	<b>Zoom</b>	NO Effect
	20 - 255	8 - 100		18° - 50°
<b>9</b>	0 - 19	0 - 7	<b>Pan</b>	NO Effect
	20 - 255	8 - 100		0° - 360°
<b>10</b>	0 - 19	0 - 7	<b>Tilt</b>	NO Effect
	20 - 255	8 - 100		-135° - 135°
<b>Function Configuration (Defaults to ON)</b>				
<b>11</b>	<b>8</b>	0 - 63	<b>Fan Mode</b>	Smart
		64 - 127		High
		128 - 191		Medium
		192 - 255		Silent
<b>12</b>	<b>9</b>	0 - 63	<b>Dimming Curve</b>	Linear
		64 - 127		S - Curve
		128 - 191		Exp
		192 - 255		Log

**Motorized Accessories ON**

**Motorized Accessories OFF**

## Mode 4: CCT 16-bit (7 - 15 Channels)

Channel		Value	Percent	Function	
1 - 2		0 - 65535	0 - 100	Intensity	0 - 100%
3 - 4		0 - 65535	0 - 100	CCT	2700K - 6500K
5 - 6		0 - 4587	0 - 7	Green / Magenta	Neutral / No Effect
		4588 - 9830	8 - 15		Full Minus Green
		9831 - 30145	16 - 46		-99% - -1%
		30146 - 39976	47 - 61		Neutral / No Effect
		39977 - 60292	62 - 92		1% - 99%
7		0 - 19	0 - 7	Strobe	NO Effect
		20 - 255	8 - 100		1Hz - 25Hz
<b>Motorized Accessories (Defaults to ON)</b>					
8 - 9		0 - 19	0 - 7	Zoom-rough	NO Effect
		20 - 65535	8 - 100		18° - 50°
10 - 11		0 - 19	0 - 7	Pan-rough	NO Effect
		20 - 65535	8 - 100		0° - 360°
12 - 13		0 - 19	0 - 7	Tilt	NO Effect
		20 - 65535	8 - 100		-135° - 135°
<b>Function Configuration (Defaults to ON)</b>					
14	8	0 - 63	0 - 25	Fan Mode	Smart
		64 - 127	26 - 50		High
		128 - 191	51 - 75		Medium
		192 - 255	76 - 100		Silent
15	9	0 - 63	0 - 25	Dimming Curve	Linear
		64 - 127	26 - 50		S - Curve
		128 - 191	51 - 75		Exp
		192 - 255	76 - 100		Log

**Motorized Accessories ON**

**Motorized Accessories OFF**



## Mode 5: FX 16-bit (4 - 12 Channels)

Channel	Value	Percent	Function	
1	0 - 65535	0 - 100	<b>Intensity</b>	0 - 100%
2	0 - 9	0 - 4	<b>Lightning</b>	Loop Trigger Stop
	10 - 69	5 - 27		
	70 - 255	28 - 100		
	0 - 69	0 - 27	<b>Explosion</b>	Trigger Stop
	70 - 255	28 - 100		
	0 - 69	0 - 27	<b>Other Effects</b>	Loop Stop
70 - 255	28 - 100			
3	0 - 9	0 - 4	<b>Effect Selection</b>	Paparazzi Fireworks Faulty bulb Lightning TV Pulsing Strobe Explosion Fire Reserved
	10 - 19	5 - 8		
	20 - 29	8 - 12		
	30 - 39	13 - 16		
	40 - 49	17 - 20		
	50 - 59	21 - 24		
	60 - 69	25 - 28		
	70 - 79	29 - 32		
	80 - 89	33 - 36		
	90 - 255	37 - 100		
4	0 - 19	0 - 7	<b>Frequency</b>	1 2 3 4 5 6 7 8
	20 - 39	8 - 15		
	40 - 59	16 - 23		
	60 - 79	24 - 31		
	80 - 99	32 - 39		
	100 - 119	40 - 47		
	120 - 139	48 - 55		
	140 - 159	56 - 63		

		160 - 179 180 - 199 200 - 219 220 - 255	64 - 71 72 - 79 80 - 87 88 - 100		9 10 Random Reserved
<b>Motorized Accessories ON (Defaults to ON)</b>					
<b>5 - 6</b>		0 - 19 20 - 65535	0 - 7 8 - 100	<b>Zoom-rough</b>	NO Effect 18° - 50°
<b>7 - 8</b>		0 - 19 20 - 65535	0 - 7 8 - 100	<b>Pan-rough</b>	NO Effect 0° - 360°
<b>9 - 10</b>		0 - 19 20 - 65535	0 - 7 8 - 100	<b>Tilt</b>	NO Effect -135° - 135°
<b>Function Configuration ON (Defaults to ON)</b>					
<b>11</b>	<b>5</b>	0 - 63 64 - 127 128 - 191 192 - 255	0 - 25 26 - 50 51 - 75 76 - 100	<b>Fan Mode</b>	Smart High Medium Silent
<b>12</b>	<b>6</b>	0 - 63 64 - 127 128 - 191 192 - 255	0 - 25 26 - 50 51 - 75 76 - 100	<b>Dimming Curve</b>	Linear S - Curve Exp Log

**Motorized Accessories ON**

**Motorized Accessories OFF**

## Mode 6: CCT & FX 16-bit (10 - 18 Channels)

Channel	Value	Percent	Function	
1 - 2	0 - 65535	0 - 100	Intensity	0 - 100%
3 - 4	0 - 65535	0 - 100	CCT	2700K - 6500K
5 - 6	0 - 4587	0 - 7	Green / Magenta	Neutral / No Effect
	4588 - 9830	8 - 15		Full Minus Green
	9831 - 30145	16 - 46		-99% - -1%
	30146 - 39976	47 - 61		Neutral / No Effect
	39977 - 60292	62 - 92		1% - 99%
	60293 - 65535	93 - 100		Full Plus Green
7	0 - 255	0 - 100	CCT - FX	Crossfade to FX
8	0 - 9	0 - 4	Lightning	Loop
	10 - 69	5 - 27		Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	Explosion	Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27		Other Effects
70 - 255	28 - 100	Stop		
9	0 - 9	0 - 4	Effect Selection	Paparazzi
	10 - 19	5 - 8		Fireworks
	20 - 29	8 - 12		Faulty bulb
	30 - 39	13 - 16		Lightning
	40 - 49	17 - 20		TV
	50 - 59	21 - 24		Pulsing
	60 - 69	25 - 28		Strobe
	70 - 79	29 - 32		Explosion
	80 - 89	33 - 36		Fire
	90 - 255	37 - 100		Reserved

<b>10</b>	0 - 19	0 - 7	<b>Frequency</b>	1	
	20 - 39	8 - 15		2	
	40 - 59	16 - 23		3	
	60 - 79	24 - 31		4	
	80 - 99	32 - 39		5	
	100 - 119	40 - 47		6	
	120 - 139	48 - 55		7	
	140 - 159	56 - 63		8	
	160 - 179	64 - 71		9	
	180 - 199	72 - 79		10	
	200 - 219	80 - 87		Random	
	220 - 255	88 - 100		Reserved	
<b>Motorized Accessories ON (Defaults to ON)</b>					
<b>11 - 12</b>	0 - 19	0 - 7	<b>Zoom-rough</b>	NO Effect	
	20 - 65535	8 - 100		18° - 50°	
<b>13 - 14</b>	0 - 19	0 - 7	<b>Pan-rough</b>	NO Effect	
	20 - 65535	8 - 100		0° - 360°	
<b>15 - 16</b>	0 - 19	0 - 7	<b>Tilt</b>	NO Effect	
	20 - 65535	8 - 100		-135° - 135°	
<b>Function Configuration ON (Defaults to ON)</b>					
<b>17</b>	<b>19</b>	0 - 63	0 - 25	<b>Fan Mode</b>	Smart
		64 - 127	26 - 50		High
		128 - 191	51 - 75		Medium
		192 - 255	76 - 100		Silent
<b>18</b>	<b>20</b>	0 - 63	0 - 25	<b>Dimming Curve</b>	Linear
		64 - 127	26 - 50		S - Curve
		128 - 191	51 - 75		Exp
		192 - 255	76 - 100		Log

**Motorized Accessories ON**

**Motorized Accessories OFF**