



# Electro Storm XT26

DMX Profile Specification

Controller Firmware V1.0

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### Mode 1: CCT 8-bit

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%
4	245 - 255	97 - 100		Full Plus Green
	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 OFF)</b>				
8	0 - 63	0 - 25	Fan Mode	Smart
	64 - 127	26 - 50		High
	128 - 191	51 - 75		Medium
	192 - 255	76 - 100		Silent
9	0 - 63	0 - 25	Dimming Curve	Linear
	64 - 127	26 - 50		S - curve
	128 - 191	51 - 75		Exp

	192 - 255	76 - 100		Log
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**Mode 2: FX 8-bit**

Channel	Value	Percent	Function	
<b>1</b>	0 - 255	0 - 100	<b>Intensity</b>	0 - 100%
<b>2</b>	0 - 9	0 - 4	<b>Lightning</b>	Loop
	10 - 69	5 - 27		Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	<b>Explosion</b>	Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	<b>Other Effects</b>	Loop
70 - 255	28 - 100	Stop		
<b>3</b>	0 - 9	0 - 4	<b>Effect Selection</b>	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
<b>4</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>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°
<b>Function Configuration (Defaults to OFF)</b>				
<b>8</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>	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

### **Mode 3: CCT & FX 8-bit**

<b>Channel</b>	<b>Value</b>	<b>Percent</b>	<b>Function</b>	
<b>1</b>	0 - 255	0 - 100	<b>Intensity</b>	0 - 100%
<b>2</b>	0 - 255	0 - 100	<b>CCT</b>	2700K - 6500K
<b>3</b>	0 - 10	0 - 4	<b>Green / Magenta</b>	Neutral / No Effect

	11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	5 - 8 9 - 47 48 - 57 58 - 96 97 - 100		Full Minus Green -99% - -1% Neutral / No Effect 1% - 99% Full Plus Green
<b>4</b>	0 - 255	0 - 100	<b>CCT - FX</b>	Crossfade to FX
<b>5</b>	0 - 9 10 - 69 70 - 255	0 - 4 5 - 27 28 - 100	<b>Lightning</b>	Loop Trigger Stop
	0 - 69 70 - 255	0 - 27 28 - 100	<b>Explosion</b>	Trigger Stop
	0 - 69 70 - 255	0 - 27 28 - 100	<b>Other Effects</b>	Loop Stop
<b>6</b>	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 255	0 - 4 5 - 8 8 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 100	<b>Effect Selection</b>	Paparazzi Fireworks Faulty bulb Lightning TV Pulsing Strobe Explosion Fire Reserved
<b>7</b>	0 - 19 20 - 39 40 - 59 60 - 79 80 - 99	0 - 7 8 - 15 16 - 23 24 - 31 32 - 39	<b>Frequency</b>	1 2 3 4 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 OFF)</b>				
<b>11</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>12</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

#### **Mode 4: CCT 16-bit**

<b>Channel</b>	<b>Value</b>	<b>Percent</b>	<b>Function</b>	
<b>1 - 2</b>	0 - 65535	0 - 100	<b>Intensity</b>	0 - 100%
<b>3 - 4</b>	0 - 65535	0 - 100	<b>CCT</b>	2700K - 6500K

<b>5 - 6</b>	0 - 4587	0 - 7	<b>Green / Magenta</b>	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
<b>7</b>	0 - 19	0 - 7	<b>Strobe</b>	NO Effect
	20 - 255	8 - 100		1Hz - 25Hz
<b>Motorized Accessories (Defaults to ON)</b>				
<b>8</b>	0 - 19	0 - 7	<b>Zoom-rough</b>	NO Effect
	20 - 255	8 - 100		18° - 50°
<b>9</b>	0 - 255	0 - 100	<b>Zoom-fine</b>	0° - 1.5°
<b>10</b>	0 - 19	0 - 7	<b>Pan-rough</b>	NO Effect
	20 - 255	8 - 100		0° - 360°
<b>11</b>	0 - 255	0 - 100	<b>Pan-fine</b>	0° - 3°
<b>12</b>	0 - 19	0 - 7	<b>Tilt</b>	NO Effect
	20 - 255	8 - 100		-135° - 135°
<b>13</b>	0 - 255	0 - 100	<b>Tilt-fine</b>	0° - 3°
<b>Function Configuration (Defaults to OFF)</b>				
<b>14</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>15</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



**Mode 5: FX 16-bit**

Channel	Value	Percent	Function	
<b>1</b>	0 - 65535	0 - 100	<b>Intensity</b>	0 - 100%
<b>2</b>	0 - 9	0 - 4	<b>Lightning</b>	Loop
	10 - 69	5 - 27		Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	<b>Explosion</b>	Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	<b>Other Effects</b>	Loop
70 - 255	28 - 100	Stop		
<b>3</b>	0 - 9	0 - 4	<b>Effect Selection</b>	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>4</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>5</b>	0 - 19	0 - 7	<b>Zoom-rough</b>	NO Effect
	20 - 255	8 - 100		18° - 50°
<b>6</b>	0 - 255	0 - 100	<b>Zoom-fine</b>	0° - 1.5°
<b>7</b>	0 - 19	0 - 7	<b>Pan-rough</b>	NO Effect
	20 - 255	8 - 100		0° - 360°
<b>8</b>	0 - 255	0 - 100	<b>Pan-fine</b>	0° - 3°
<b>9</b>	0 - 19	0 - 7	<b>Tilt</b>	NO Effect
	20 - 255	8 - 100		-135° - 135°
<b>10</b>	0 - 255	0 - 100	<b>Tilt-fine</b>	0° - 3°
<b>Function Configuration (Defaults to OFF)</b>				
<b>11</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>12</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

### **Mode 6: CCT & FX 16-bit**

<b>Channel</b>	<b>Value</b>	<b>Percent</b>	<b>Function</b>	
<b>1 - 2</b>	0 - 65535	0 - 100	<b>Intensity</b>	0 - 100%
<b>3 - 4</b>	0 - 65535	0 - 100	<b>CCT</b>	2700K - 6500K

<b>5 - 6</b>	0 - 4587	0 - 7	<b>Green / Magenta</b>	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
<b>7</b>	0 - 255	0 - 100	<b>CCT - FX</b>	Crossfade to FX
<b>8</b>	0 - 9	0 - 4	<b>Lightning</b>	Loop
	10 - 69	5 - 27		Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	<b>Explosion</b>	Trigger
	70 - 255	28 - 100		Stop
	0 - 69	0 - 27	<b>Other Effects</b>	Loop
70 - 255	28 - 100	Stop		
<b>9</b>	0 - 9	0 - 4	<b>Effect Selection</b>	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 (Defaults to ON)</b>				
<b>11</b>	0 - 19	0 - 7	<b>Zoom-rough</b>	NO Effect
	20 - 255	8 - 100		18° - 50°
<b>12</b>	0 - 255	0 - 100	<b>Zoom-fine</b>	0° - 1.5°
<b>13</b>	0 - 19	0 - 7	<b>Pan-rough</b>	NO Effect
	20 - 255	8 - 100		0° - 360°
<b>14</b>	0 - 255	0 - 100	<b>Pan-fine</b>	0° - 3°
<b>15</b>	0 - 19	0 - 7	<b>Tilt</b>	NO Effect
	20 - 255	8 - 100		-135° - 135°
<b>16</b>	0 - 255	0 - 100	<b>Tilt-fine</b>	0° - 3°
<b>Function Configuration (Defaults to OFF)</b>				
<b>17</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>	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