

NANLITE

PavoSlim 60B/120B DMX REFERENCE GUIDE

This DMX reference guide has been compiled according to the rigorous testing of Nanlite product. Product designs are subject to change without prior notice. The latest version of the DMX reference guide for this product is downloadable at www.nanlite.com.

CCT 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-------|---------------------------------|-------|
| 1 | 0-255 | 0-100 | DIMMER 0.0% to 100.0% | |
| 2 | 0-255 | 0-100 | CCT 2700K - 6500K | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------------------------------|---|--|-------|
| 3 | 0 - 3 4 5 6 7-255 | 0 - 1.2 1.6 2.0 2.4 2.7 - 100 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 4 - 5 | | | RESERVED | |

ULTIMATE DMX 8bit - CCT MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|---------------------------|-------------------------|--|----------------|
| 1 | 0-255 | 0-100 | DIMMER 0.0% to 100.0% | |
| 2 | 0-63 64-127 128-255 | 0-25 26-50 51-100 | MODE CCT EFFECT RESERVED | 0 ≤ value ≤ 63 |
| 3 | 0-255 | 0-100 | CCT 2700K - 6500K | |
| 4-10 | | | N/A | |

ULTIMATE DMX 8bit - EFFECT MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|---|---|---|-----------------------|
| 1 | 0-255 | 0-100 | DIMMER 0.0% to 100.0% | |
| 2 | 0-63 64-127 128-255 | 0-25 26-50 51-100 | MODE CCT EFFECT RESERVED | 64 ≤ value ≤ 127 |
| 3 | 0-18 19-36 37-54 55-72 73-90 91-108 109-126 127-144 145-162 163-180 181-198 199-216 217-255 | 0-7 8-14 15-21 22-28 29-35 36-42 43-50 51-57 58-64 65-71 72-78 79-85 86-100 | EFFECT MODE CCT LOOP INT LOOP FLASH PULSE STORM TV PAPARAZZI CANDLE/FIRE BAD BULB FIREWORK EXPLOSION WELDING RESERVED | |
| 4 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #1 | See DMX Effects chart |
| 5 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #2 | See DMX Effects chart |
| 6 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #3 | See DMX Effects chart |
| 7 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #4 | See DMX Effects chart |

ULTIMATE DMX 8bit - EFFECT MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-------|--------------------------|-----------------------|
| 8 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #5 | See DMX Effects chart |
| 9 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #6 | See DMX Effects chart |
| 10 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #7 | See DMX Effects chart |

DMX EFFECT CHART

| EFFECT | CCT LOOP 0 ≤ value ≤ 18 | | | |
|-------------------|--|-----------------------------------|---|-------------------------------------|
| CH4/PARAMETER #1 | CCT HIGH | | | |
| CH5/PARAMETER #2 | CCT LOW | | | |
| CH6/PARAMETER #3 | SPEED | | | |
| CH7/PARAMETER #4 | CYCLE:ONE WAY = 0-85(0%-33%) CYCLE:TWO WAY = 86-170(34%-66%) CYCLE:REVERSE = 171-255(67%-100%) | | | |
| CH8/PARAMETER #5 | ADD-ON:OFF = 0-63(0%-25%) | ADD-ON:FLASH = 64-127(26%-50%) | ADD-ON:RANDOM FLASH = 128-191(51%-75%) | ADD-ON:PULSE = 192-255(76%-100%) |
| CH9/PARAMETER #6 | N/A | INTERVALS | SPEED | PULSES/MIN |
| CH10/PARAMETER #7 | N/A | FLASH RATIO | N/A | N/A |

DMX EFFECT CHART

| EFFECT | INT LOOP 19 ≤ value ≤ 36 | | | |
|-------------------|--|-----------------------------------|---|-------------------------------------|
| CH4/PARAMETER #1 | DIM LOW | | | |
| CH5/PARAMETER #2 | CCT | | | |
| CH6/PARAMETER #3 | SPEED | | | |
| CH7/PARAMETER #4 | CYCLE:ONE WAY = 0-85(0%-33%) CYCLE:TWO WAY = 86-170(34%-66%) CYCLE:REVERSE = 171-255(67%-100%) | | | |
| CH8/PARAMETER #5 | ADD-ON:OFF = 0-63(0%-25%) | ADD-ON:FLASH = 64-127(26%-50%) | ADD-ON:RANDOM FLASH = 128-191(51%-75%) | ADD-ON:PULSE = 192-255(76%-100%) |
| CH9/PARAMETER #6 | N/A | INTERVALS | SPEED | PULSES/MIN |
| CH10/PARAMETER #7 | N/A | PULSES/MIN | N/A | N/A |

DMX EFFECT CHART

| EFFECT | FLASH 37 ≤ value ≤ 54 | |
|-------------------|----------------------------|-------------------------------|
| CH4/PARAMETER #1 | CCT | |
| CH5/PARAMETER #2 | INTERVALS | |
| CH6/PARAMETER #3 | FLASH RATIO | |
| CH7/PARAMETER #4 | PAUSE: OFF = 0-127(0%-50%) | PAUSE: ON = 128-255(51%-100%) |
| CH8/PARAMETER #5 | N/A | |
| CH9/PARAMETER #6 | N/A | |
| CH10/PARAMETER #7 | N/A | |

DMX EFFECT CHART

| EFFECT | PULSE 55 ≤ value ≤ 72 |
|-------------------|--------------------------|
| CH4/PARAMETER #1 | CCT |
| CH5/PARAMETER #2 | PULSES/MIN |
| CH6/PARAMETER #3 | N/A |
| CH7/PARAMETER #4 | N/A |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

DMX EFFECT CHART

| EFFECT | STORM 73 ≤ value ≤ 90 | | |
|-------------------|-------------------------------|-------------------------------------|------------------------------------|
| CH4/PARAMETER #1 | CCT | | |
| CH5/PARAMETER #2 | FLASH TIMES HIGH | | |
| CH6/PARAMETER #3 | FLASH TIMES LOW | | |
| CH7/PARAMETER #4 | TRIGGER: AUTO = 0-127(0%-50%) | TRIGGER: MANUAL = 128-255(51%-100%) | |
| CH8/PARAMETER #5 | INTERVAL HIGH | Trigger: OFF = 0-127(0%-50%) | Trigger: ON = 128-255(51%-100%) |
| CH9/PARAMETER #6 | INTERVAL LOW | N/A | |
| CH10/PARAMETER #7 | PAUSE: OFF = 0-127(0%-50%) | PAUSE: ON = 128-255(51%-100%) | N/A |

DMX EFFECT CHART

| EFFECT | TV 91 ≤ value ≤ 108 |
|-------------------|------------------------|
| CH4/PARAMETER #1 | DIM LOW |
| CH5/PARAMETER #2 | CCT |
| CH6/PARAMETER #3 | CCT SHIFT |
| CH7/PARAMETER #4 | SPEED |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

DMX EFFECT CHART

| EFFECT | PAPARAZZI 109 ≤ value ≤ 126 |
|-------------------|--------------------------------|
| CH4/PARAMETER #1 | CCT |
| CH5/PARAMETER #2 | SPEED |
| CH6/PARAMETER #3 | N/A |
| CH7/PARAMETER #4 | N/A |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

DMX EFFECT CHART

| EFFECT | CANDLE/FIRE 127 ≤ value ≤ 144 |
|-------------------|---|
| CH4/PARAMETER #1 | DIM LOW |
| CH5/PARAMETER #2 | CCT |
| CH6/PARAMETER #3 | CCT SHIFT |
| CH7/PARAMETER #4 | SPEED |
| CH8/PARAMETER #5 | FLICKER: OFF = 0-127(0%-50%) FLICKER: ON = 128-255(51%-100%) |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

DMX EFFECT CHART

| EFFECT | BAD BULB 145 ≤ value ≤ 162 |
|-------------------|-------------------------------|
| CH4/PARAMETER #1 | CCT |
| CH5/PARAMETER #2 | INTENSITY |
| CH6/PARAMETER #3 | SPEED |
| CH7/PARAMETER #4 | N/A |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

DMX EFFECT CHART

| EFFECT | FIREWORK 163 ≤ value ≤ 180 |
|-------------------|--------------------------------------|
| CH4/PARAMETER #1 | CCT |
| CH5/PARAMETER #2 | CCT SHIFT |
| CH6/PARAMETER #3 | SPEED |
| CH7/PARAMETER #4 | DECAY |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

DMX EFFECT CHART

| EFFECT | EXPLOSION 181 ≤ value ≤ 198 | |
|-------------------|---------------------------------------|---|
| CH4/PARAMETER #1 | CCT | |
| CH5/PARAMETER #2 | DECAY | |
| CH6/PARAMETER #3 | TRIGGER: AUTO = 0-127(0%-50%) | TRIGGER: MANUAL = 128-255(51%-100%) |
| CH7/PARAMETER #4 | SPEED | Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%) |
| CH8/PARAMETER #5 | N/A | |
| CH9/PARAMETER #6 | N/A | |
| CH10/PARAMETER #7 | N/A | |

DMX EFFECT CHART

| EFFECT | WELDING 199 ≤ value ≤ 216 |
|-------------------|---|
| CH4/PARAMETER #1 | DIM LOW |
| CH5/PARAMETER #2 | CCT |
| CH6/PARAMETER #3 | SPEED |
| CH7/PARAMETER #4 | PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%) |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |

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