

**NANLITE**

*Forza 720B*  
DMX REFERENCE GUIDE

Guangdong NanGuang Photo&Video Systems Co., Ltd

# CATALOG

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## CCT 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	<b>DIMMER</b> 0.0% - 100.0%	
2	0-255	0-100	CCT	2700K - 6500K
3	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

## CCT 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	<b>DIMMER</b> 0.0% - 100.0%	
3-4	0-65535	0-100	CCT	2700K - 6500K
5	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

## ULTIMATE DMX 8bit - CCT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	<b>DIMMER</b> 0.0% - 100.0%	
2	0-63 64-127 128-255	0-25 26-50 51-100	<b>MODE</b> DAYLIGHT EFFECT RESERVED	$0 \leq \text{value} \leq 63$
3	0-255	0-100	CCT	2700K-6500K
4-10			N/A	
11	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

## ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	<b>DIMMER</b> 0.0% - 100.0%	
2	0-63 64-127 128-255	0-25 26-50 51-100	<b>MODE</b> DAYLIGHT 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	<b>EFFECT MODE</b> CCT LOOP INT LOOP FLASH PULSE STORM TV PAPARAZZI CANDLE/FIRE BAD BULB FIREWORK EXPLOSION WELDING RESERVED	

## ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
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
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
11	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

## 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	FLASH RATIO	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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