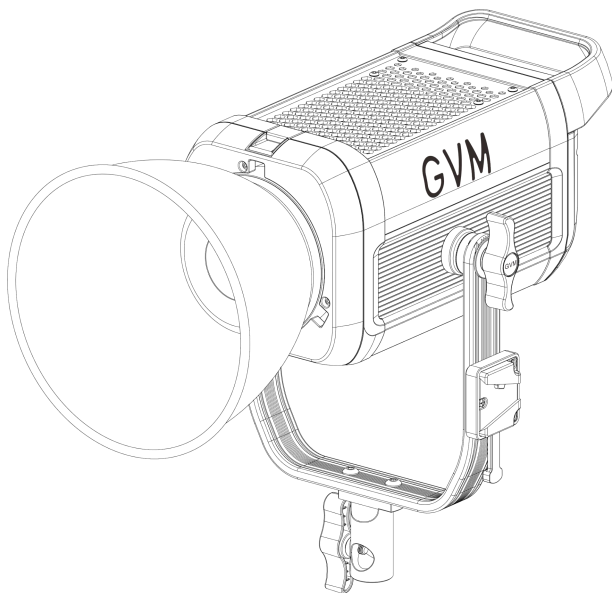




GVM-PRO-SD300C

DMX CHANNEL CHART

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Mode 1: CCT&RGB 8-bit			
Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-255	CCT(2000K-10000K)	Color temperature
3	0-255	G/M(-50-50)	Green / Magenta offset
4	0-255	CCT<-->RGB	Cross color change
5	0-255	Red light(0-255)	Red light intensity
6	0-255	Green light(0-255)	Green light intensity
7	0-255	Blue light(0-255)	Blue light intensity

Mode 2: CCT&HSI 8-bit			
Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-255	CCT(2000K-10000K)	Color temperature
3	0-255	G/M(-50-50)	Green / Magenta offset
4	0-255	CCT<-->HSI	Cross color change
5	0-255	HUE(0°-360°)	Hue
6	0-255	SAT(0%-100%)	Saturation

Mode 3: CCT 8-bit			
Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-255	CCT(2000K-10000K)	Color temperature
3	0-255	G/M(-50-50)	Green / Magenta offset

Mode 4: RGB 8-bit

Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-255	Red light(0-255)	Red light intensity
3	0-255	Green light(0-255)	Green light intensity
4	0-255	Blue light(0-255)	Blue light intensity

Mode 5: HSI 8-bit

Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-255	HUE(0°-360°)	Hue
3	0-255	SAT(0%-100%)	Saturation

Mode 6: Source 8-bit

Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-255	Tungsten, HMI5600, HMI6000, StudioLamps, SodiumLamp, Halogen, ArcLamp, Candle, Sunset/Sunrise, Daylight, OvercastSky, CFL Cool White, Reserve	Type of light source

Mode 7: GEL 8-bit				
Aisle	Value	Function		Note
1	0-255	INT(0.0%-100.0%)		Light intensity
2	0-126 127-255	CP-L CP-R		Color gel type
3	0-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95-99 100-104 105-109 110-114 115-119 120-124 125-129 130-134 135-139 140-144 145-149 150-255	L002 Rose Pink L007 Pale Yellow L019 Fire L021 Gold Amber L025 Sunset Red L026 Bright Red L036 Medium pink L046 Dark Magenta L058 Lavender L079 Just Blue L089 Moss Green L102 Light Amber L113 Magenta L120 Deep Blue L124 Dark Green L128 Bright Pink L131 Marine Blue L140 Summer Blue L143 Pale Navy Blue L201 Full CTB L202 1/2 CTB L203 1/4 CTB L204 Full CTO L205 1/2 CTO L206 1/4 CTO L701 Provence L723 Virgin Blue L738 JAS Green L748 Seedy Pink L795 Magical Magenta Reserve	R23 Orange R26 Light Red R41 Salmon R42 Deep Salmon R44 Middle Rose R47 Light Rose Purple R65 Daylight Blue R83 Medium Blue R89 Moss Green R92 Turquoise R99 Chocolate R310 Daffodil R318 Mayan Sun R325 Henna Sky R333 Blush Pink R364 Blue Bell R375 Cerulean Blue R378 Alice Blue R2001 VS Red R2002 VS Orange R2003 VS Yellow R2004 VS Green R2007 VS Blue R3220 Double Blue R4490 90 Green R4590 90 Yellow R4690 90 Red R4790 90 Magenta R4890 90 Pink R4990 90 Lavender Reserve	CP-L color gel number and CP-R color gel number.
4	0-126 127-255	Color temperature 3200K Color temperature 5600K		Type of light source

Mode 8: FX 8-bit			
Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-129 130-139 140-149 150-159 160-255	"Lightning" "CCI Loop" "Candlen" "Bad Bulb" "TV" "Paparazzi" "Explosion" "Pulsing" "Disco" "Cop Car" "Party" "Hue Loop" "Fireworks" "Fire Engine" "Ambulance" "SOS" Reserve	Light effect presets.
3	0-255	CCT(2000K-10000K)/ SAT(0%-100%)/HUE(0°-360°)	Color temperature / Saturation
4	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-255	Rate=1 Rate=2 Rate=3 Rate=4 Rate=5 Rate=6 Rate=7 Rate=8 Rate=9 Rate=10 Random Reserve	Effect speed

Mode 9: All modes 8-bit			
Aisle	Value	Function	Note
1	0-255	INT(0.0%-100.0%)	Light intensity
2	0-9 10-19 20-29 30-39 40-49 50-59 60-255	CCT HSI GEL RGB Source FX Reserve	Mode selection
3-5	Please see the light mode parameter table below.		

Light mode parameter CCT			
Aisle	Value	Function	Note
3	0-255	CCT(2000K-10000K)	Color temperature
4	0-255	G/M(-50-50)	Green / Magenta offset

Light mode parameter HSI			
Aisle	Value	Function	Note
3	0-255	HUE(0°-360°)	Hue
4	0-255	SAT(0%-100%)	Saturation

Light mode parameter GEL				
Aisle	Value	Function		Note
3	0-126 127-255	CP-L CP-R		Color gel type
4	0-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95-99 100-104 105-109 110-114 115-119 120-124 125-129 130-134 135-139 140-144 145-149 150-255	L002 Rose Pink L007 Pale Yellow L019 Fire L021 Gold Amber L025 Sunset Red L026 Bright Red L036 Medium pink L046 Dark Magenta L058 Lavender L079 Just Blue L089 Moss Green L102 Light Amber L113 Magenta L120 Deep Blue L124 Dark Green L128 Bright Pink L131 Marine Blue L140 Summer Blue L143 Pale Navy Blue L201 Full CTB L202 1/2 CTB L203 1/4 CTB L204 Full CTO L205 1/2 CTO L206 1/4 CTO L701 Provence L723 Virgin Blue L738 JAS Green L748 Seedy Pink L795 Magical Magenta Reserve	R23 Orange R26 Light Red R41 Salmon R42 Deep Salmon R44 Middle Rose R47 Light Rose Purple R65 Daylight Blue R83 Medium Blue R89 Moss Green R92 Turquoise R99 Chocolate R310 Daffodil R318 Mayan Sun R325 Henna Sky R333 Blush Pink R364 Blue Bell R375 Cerulean Blue R378 Alice Blue R2001 VS Red R2002 VS Orange R2003 VS Yellow R2004 VS Green R2007 VS Blue R3220 Double Blue R4490 90 Green R4590 90 Yellow R4690 90 Red R4790 90 Magenta R4890 90 Pink R4990 90 Lavender Reserve	CP-L color gel number and CP-R color gel number.
5	0-126 127-255	Color temperature 3200K Color temperature 5600K		Type of light source

Light mode parameter RGB			
Aisle	Value	Function	Note
3	0-255	Red light(0-255)	Red light intensity
4	0-255	Green light(0-255)	Green light intensity
5	0-255	Blue light(0-255)	Blue light intensity

Light mode parameter Source			
Aisle	Value	Function	Note
3	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-255	Tungsten, HMI5600, HMI6000, StudioLamps, SodiumLamp, Halogen, ArcLamp, Candle, Sunset/Sunrise, Daylight, OvercastSky, CFL Cool White, Reserve	Type of light source

Light mode parameter FX			
Aisle	Value	Function	Note
3	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-129 130-139 140-149 150-159 160-255	"Lightning" "CCI Loop" "Candlen" "Bad Bulbl" "TV" "Paparazzi" "Explosion" "Pulsing" "Disco" "Cop Car" "Party" "Hue Loop" "Fireworks" "Fire Engine" "Ambulance" "SOS" Reserve	Light effect presets.

4	0-255	CCT(2000K-10000K)/ SAT(0%-100%)/HUE(0°-360°)	Color temperature /Saturation
5	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-255	Rate=1 Rate=2 Rate=3 Rate=4 Rate=5 Rate=6 Rate=7 Rate=8 Rate=9 Rate=10 Random Reserve	Effect speed

Mode 10: CCT&RGB 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3	4	0-65535	CCT(2000K-10000K)	Color temperature
5	6	0-65535	G/M(-50-50)	Green / Magenta offset
7		0-255	CCT<-->RGB	Cross color change
8	9	0-65535	Red light(0-255)	Red light intensity
10	11	0-65535	Green light(0-255)	Green light intensity
12	13	0-65535	Blue light(0-255)	Blue light intensity

Mode 11: CCT&HSI 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3	4	0-65535	CCT(2000K-10000K)	Color temperature
5	6	0-65535	G/M(-50-50)	Green / Magenta offset
7		0-255	CCT<-->HSI	Cross color change
8	9	0-65535	HUE(0°-360°)	Hue
10	11	0-65535	SAT(0%-100%)	Saturation

Mode 12: CCT 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3	4	0-65535	CCT(2000K-10000K)	Color temperature
5	6	0-65535	G/M(-50-50)	Green / Magenta offset

Mode 13: RGB 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3	4	0-65535	Red light(0-255)	Red light intensity
5	6	0-65535	Green light(0-255)	Green light intensity
7	8	0-65535	Blue light(0-255)	Blue light intensity

Mode 14: HSI 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3	4	0-65535	HUE(0°-360°)	Hue
5	6	0-65535	SAT(0%-100%)	Saturation

Mode 15: Source 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3		0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-255	Tungsten, HMI5600, HMI6000, StudioLamps, SodiumLamp, Halogen, ArcLamp, Candle, Sunset/Sunrise, Daylight, OvercastSky, CFL Cool White, Reserve	Type of light source

Mode 16: GEL 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3		0-126 127-255	CP-L CP-R	Color gel type
4		0-4 L002 Rose Pink 5-9 L007 Pale Yellow 10-14 L019 Fire 15-19 L021 Gold Amber 20-24 L025 Sunset Red 25-29 L026 Bright Red 30-34 L036 Medium pink 35-39 L046 Dark Magenta 40-44 L058 Lavender 45-49 L079 Just Blue 50-54 L089 Moss Green 55-59 L102 Light Amber 60-64 L113 Magenta 65-69 L120 Deep Blue 70-74 L124 Dark Green 75-79 L128 Bright Pink 80-84 L131 Marine Blue 85-89 L140 Summer Blue 90-94 L143 Pale Navy Blue 95-99 L201 Full CTB 100-104 L202 1/2 CTB 105-109 L203 1/4 CTB 110-114 L204 Full CTO 115-119 L205 1/2 CTO 120-124 L206 1/4 CTO 125-129 L701 Provence 130-134 L723 Virgin Blue 135-139 L738 JAS Green 140-144 L748 Seedy Pink 145-149 L795 Magical Magenta 150-255 Reserve	R23 Orange R26 Light Red R41 Salmon R42 Deep Salmon R44 Middle Rose R47 Light Rose Purple R65 Daylight Blue R83 Medium Blue R89 Moss Green R92 Turquoise R99 Chocolate R310 Daffodil R318 Mayan Sun R325 Henna Sky R333 Blush Pink R364 Blue Bell R375 Cerulean Blue R378 Alice Blue R2001 VS Red R2002 VS Orange R2003 VS Yellow R2004 VS Green R2007 VS Blue R3220 Double Blue R4490 90 Green R4590 90 Yellow R4690 90 Red R4790 90 Magenta R4890 90 Pink R4990 90 Lavender Reserve	CP-L color gel number and CP-R color gel number.
5		0-126 127-255	Color temperature 3200K Color temperature 5600K	Type of light source

Mode 17: FX 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3		0-9	"OFF"	Light effect presets.
		10-19	"Lightning"	
		20-29	"CCI Loop"	
		30-39	"Candlen"	
		40-49	"Bad Bulb"	
		50-59	"TV"	
		60-69	"Paparazzi"	
		70-79	"Explosion"	
		80-89	"Pulsing"	
		90-99	"Disco"	
		100-109	"Cop Car"	
		110-119	"Party"	
		120-129	"Hue Loop"	
		130-255	Reserve	
4	5	0-65535	CCT(2000K-10000K)/ SAT(0%-100%)/HUE(0°-360°)	Color temperature / Saturation
6		0-9	Rate=1	Effect speed
		10-19	Rate=2	
		20-29	Rate=3	
		30-39	Rate=4	
		40-49	Rate=5	
		50-59	Rate=6	
		60-69	Rate=7	
		70-79	Rate=8	
		80-89	Rate=9	
		90-99	Rate=10	
		100-109	Random	
		110-255	Reserve	

Mode 18: All modes 16-bit

Aisle		Value	Function	Note
Aisle	Value			
1	2	0-65535	INT(0.0%-100.0%)	Light intensity
3	0-9	CCT	Mode selection	
	10-19	HSI		
	20-29	GEL		
	30-39	RGB		
	40-49	Source		
	50-59	FX		
	60-255	Reserve		
4-9		Please see the light mode parameter table below.		

Light mode parameter CCT

Aisle		Value	Function	Note
Aisle	Value			
4	5	0-65535	CCT(2000K-10000K)	Color temperature
6	7	0-65535	G/M(-50-50)	Green / Magenta offset

Light mode parameter HSI

Aisle		Value	Function	Note
Aisle	Value			
4	5	0-65535	HUE(0°-360°)	Hue
6	7	0-65535	SAT(0%-100%)	Saturation

Light mode parameter GEL				
Aisle		Value	Function	Note
Aisle	Value			
4	0-126 127-255	CP-L CP-R		Color gel type
5	0-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95-99 100-104 105-109 110-114 115-119 120-124 125-129 130-134 135-139 140-144 145-149 150-255	L002 Rose Pink L007 Pale Yellow L019 Fire L021 Gold Amber L025 Sunset Red L026 Bright Red L036 Medium pink L046 Dark Magenta L058 Lavender L079 Just Blue L089 Moss Green L102 Light Amber L113 Magenta L120 Deep Blue L124 Dark Green L128 Bright Pink L131 Marine Blue L140 Summer Blue L143 Pale Navy Blue L201 Full CTB L202 1/2 CTB L203 1/4 CTB L204 Full CTO L205 1/2 CTO L206 1/4 CTO L701 Provence L723 Virgin Blue L738 JAS Green L748 Seedy Pink L795 Magical Magenta Reserve	R23 Orange R26 Light Red R41 Salmon R42 Deep Salmon R44 Middle Rose R47 Light Rose Purple R65 Daylight Blue R83 Medium Blue R89 Moss Green R92 Turquoise R99 Chocolate R310 Daffodil R318 Mayan Sun R325 Henna Sky R333 Blush Pink R364 Blue Bell R375 Cerulean Blue R378 Alice Blue R2001 VS Red R2002 VS Orange R2003 VS Yellow R2004 VS Green R2007 VS Blue R3220 Double Blue R4490 90 Green R4590 90 Yellow R4690 90 Red R4790 90 Magenta R4890 90 Pink R4990 90 Lavender Reserve	CP-L color gel number and CP-R color gel number.
6	0-126 127-255	Color temperature 3200K Color temperature 5600K		Type of light source

Light mode parameter RGB				
Aisle		Value	Function	Note
Aisle	Value			
4	5	0-65535	Red light(0-255)	Red light intensity
6	7	0-65535	Green light(0-255)	Green light intensity
8	9	0-65535	Blue light(0-255)	Blue light intensity

Light mode parameter					Source
Aisle		Value	Function	Note	
Aisle	Value				
4	0-9	Tungsten,	Type of light source		
	10-19	HMI5600,			
	20-29	HMI6000,			
	30-39	StudioLamps,			
	40-49	SodiumLamp,			
	50-59	Halogen,			
	60-69	ArcLamp,			
	70-79	Candle,			
	80-89	Sunset/Sunrise,			
	90-99	Daylight,			
	100-109	OvercastSky,			
	110-119	CFL Cool White,			
	120-255	Reserve			

Light mode parameter FX				
Aisle		Value	Function	Note
Aisle	Value			
4		0-9	"OFF"	Light effect presets.
		10-19	"Lightning"	
		20-29	"CCI Loop"	
		30-39	"Candlen"	
		40-49	"Bad Bulbl"	
		50-59	"TV"	
		60-69	"Paparazzi"	
		70-79	"Explosion"	
		80-89	"Pulsing"	
		90-99	"Disco"	
		100-109	"Cop Car"	
		110-119	"Party"	
		120-129	"Hue Loop"	
		130-255	Reserve	
5	6	0-65535	CCT(2000K-10000K)/ SAT(0%-100%)/HUE(0°-360°)	Color temperature / Saturation
7		0-9	Rate=1	Effect speed
		10-19	Rate=2	
		20-29	Rate=3	
		30-39	Rate=4	
		40-49	Rate=5	
		50-59	Rate=6	
		60-69	Rate=7	
		70-79	Rate=8	
		80-89	Rate=9	
		90-99	Rate=10	
		100-109	Random	
		110-255	Reserve	

GVM

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