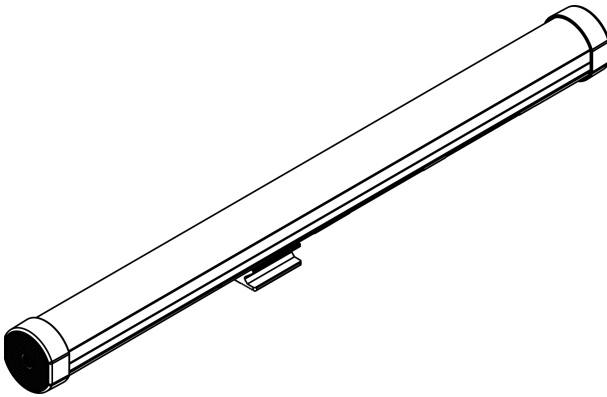


GVM



GVM-PRO-BD25R

DMX Channel Table

Content

Mode 1: CCT&RGB 8-bit PIXEL=15	1
Mode 2: CCT&HSI 8-bit PIXEL=15	1
Mode 3: CCT 8-bit PIXEL=15	1
Mode 4: RGB 8-bit PIXEL=15	1
Mode 5: HSI 8-bit PIXEL=15	2
Mode 6: CCT&RGB 8-bit PIXEL=5	2
Mode 7: CCT&HSI 8-bit PIXEL=5	3
Mode 8: CCT 8-bit PIXEL=5	3
Mode 9: RGB 8-bit PIXEL=5	4
Mode 10: HSI 8-bit PIXEL=5	4
Mode 11: CCT&RGB 8-bit PIXEL=3	5
Mode 12: CCT&HSI 8-bit PIXEL=3	6
Mode 13: CCT 8-bit PIXEL=3	7
Mode 14: RGB 8-bit PIXEL=3	8
Mode 15: HSI 8-bit PIXEL=3	9
Mode 16: CCT&RGB 8-bit PIXEL=1	10
Mode 17: CCT&HSI 8-bit PIXEL=1	11
Mode 18: CCT 8-bit PIXEL=1	12
Mode 19: RGB 8-bit PIXEL=1	13
Mode 20: HSI 8-bit PIXEL=1	14
Mode 21: EFFECT 8-bit	15
Mode 22: PIXEL FX 8-bit	16
Mode 23: PIXEL: Rolling	16
Mode 24: PIXEL: Rainbow	16
Mode 25: PIXEL: BlockGame	16
Mode 26: PIXEL: PinPong	16
Mode 27: PIXEL: Wave	16
Mode 28: PIXEL: Meteor	16

CCT&RGB 8-bit PIXEL=15

Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->RGB	Crossfade to Color
5	0-255	R(0-255)	Red
6	0-255	G(0-255)	Green
7	0-255	B(0-255)	Blue

CCT&HSI 8-bit PIXEL=15

Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->HSI	Crossfade to Color
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	Saturation

CCT 8-bit PIXEL=15

Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	

RGB 8-bit PIXEL=15

Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-255	R(0-255)	Red
3	0-255	G(0-255)	Green
4	0-255	B(0-255)	Blue

HSI 8-bit PIXEL=15			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-255	HUE(0°-360°)	
3	0-255	SAT(0%-100%)	Saturation

CCT&RGB 8-bit PIXEL=5			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->RGB	
5	0-255	R(0-255)	
6	0-255	G(0-255)	
7	0-255	B(0-255)	
8	0-255	INT(0%-100%)	PIXEL2
9	0-255	CCT(2700K-10000K)	
10	0-255	GM(-50-50)	
11	0-255	CCT<-->RGB	
12	0-255	R(0-255)	
13	0-255	G(0-255)	
14	0-255	B(0-255)	
15	0-255	INT(0%-100%)	PIXEL3
16	0-255	CCT(2700K-10000K)	
17	0-255	GM(-50-50)	
18	0-255	CCT<-->RGB	
19	0-255	R(0-255)	
20	0-255	G(0-255)	
21	0-255	B(0-255)	

CCT&HSI 8-bit PIXEL=5			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->HSI	
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	
7	0-255	INT(0%-100%)	PIXEL2
8	0-255	CCT(2700K-10000K)	
9	0-255	GM(-50-50)	
10	0-255	CCT<-->HSI	
11	0-255	HUE(0°-360°)	
12	0-255	SAT(0%-100%)	
13	0-255	INT(0%-100%)	PIXEL3
14	0-255	CCT(2700K-10000K)	
15	0-255	GM(-50-50)	
16	0-255	CCT<-->HSI	
17	0-255	HUE(0°-360°)	
18	0-255	SAT(0%-100%)	

CCT 8-bit PIXEL=5			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	INT(0%-100%)	PIXEL2
5	0-255	CCT(2700K-10000K)	
6	0-255	GM(-50-50)	
7	0-255	INT(0%-100%)	PIXEL3
8	0-255	CCT(2700K-10000K)	
9	0-255	GM(-50-50)	

RGB 8-bit PIXEL=5			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	R(0-255)	
3	0-255	G(0-255)	
4	0-255	B(0-255)	
5	0-255	INT(0%-100%)	PIXEL2
6	0-255	R(0-255)	
7	0-255	G(0-255)	
8	0-255	B(0-255)	
9	0-255	INT(0%-100%)	PIXEL3
10	0-255	R(0-255)	
11	0-255	G(0-255)	
12	0-255	B(0-255)	

HSI 8-bit PIXEL=5			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	HUE(0°-360°)	
3	0-255	SAT(0%-100%)	
4	0-255	INT(0%-100%)	PIXEL2
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	
7	0-255	INT(0%-100%)	PIXEL3
8	0-255	HUE(0°-360°)	
9	0-255	SAT(0%-100%)	

CCT&RGB 8-bit PIXEL=3			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->RGB	
5	0-255	R(0-255)	
6	0-255	G(0-255)	
7	0-255	B(0-255)	
8	0-255	INT(0%-100%)	PIXEL2
9	0-255	CCT(2700K-10000K)	
10	0-255	GM(-50-50)	
11	0-255	CCT<-->RGB	
12	0-255	R(0-255)	
13	0-255	G(0-255)	
14	0-255	B(0-255)	
15	0-255	INT(0%-100%)	PIXEL3
16	0-255	CCT(2700K-10000K)	
17	0-255	GM(-50-50)	
18	0-255	CCT<-->RGB	
19	0-255	R(0-255)	
20	0-255	G(0-255)	
21	0-255	B(0-255)	
22	0-255	INT(0%-100%)	PIXEL4
23	0-255	CCT(2700K-10000K)	
24	0-255	GM(-50-50)	
25	0-255	CCT<-->RGB	
26	0-255	R(0-255)	
27	0-255	G(0-255)	
28	0-255	B(0-255)	
29	0-255	INT(0%-100%)	PIXEL5
30	0-255	CCT(2700K-10000K)	
31	0-255	GM(-50-50)	
32	0-255	CCT<-->RGB	
33	0-255	R(0-255)	
34	0-255	G(0-255)	
35	0-255	B(0-255)	

CCT&HSI 8-bit PIXEL=3			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->HSI	
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	
7	0-255	INT(0%-100%)	PIXEL2
8	0-255	CCT(2700K-10000K)	
9	0-255	GM(-50-50)	
10	0-255	CCT<-->HSI	
11	0-255	HUE(0°-360°)	
12	0-255	SAT(0%-100%)	
13	0-255	INT(0%-100%)	PIXEL3
14	0-255	CCT(2700K-10000K)	
15	0-255	GM(-50-50)	
16	0-255	CCT<-->HSI	
17	0-255	HUE(0°-360°)	
18	0-255	SAT(0%-100%)	
19	0-255	INT(0%-100%)	PIXEL4
20	0-255	CCT(2700K-10000K)	
21	0-255	GM(-50-50)	
22	0-255	CCT<-->HSI	
23	0-255	HUE(0°-360°)	
24	0-255	SAT(0%-100%)	
25	0-255	INT(0%-100%)	PIXEL5
26	0-255	CCT(2700K-10000K)	
27	0-255	GM(-50-50)	
28	0-255	CCT<-->HSI	
29	0-255	HUE(0°-360°)	
30	0-255	SAT(0%-100%)	

CCT 8-bit PIXEL=3			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	INT(0%-100%)	PIXEL2
5	0-255	CCT(2700K-10000K)	
6	0-255	GM(-50-50)	
7	0-255	INT(0%-100%)	PIXEL3
8	0-255	CCT(2700K-10000K)	
9	0-255	GM(-50-50)	
10	0-255	INT(0%-100%)	PIXEL4
11	0-255	CCT(2700K-10000K)	
12	0-255	GM(-50-50)	
13	0-255	INT(0%-100%)	PIXEL5
14	0-255	CCT(2700K-10000K)	
15	0-255	GM(-50-50)	

RGB 8-bit PIXEL=3			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	R(0-255)	
3	0-255	G(0-255)	
4	0-255	B(0-255)	
5	0-255	INT(0%-100%)	PIXEL2
6	0-255	R(0-255)	
7	0-255	G(0-255)	
8	0-255	B(0-255)	
9	0-255	INT(0%-100%)	PIXEL3
10	0-255	R(0-255)	
11	0-255	G(0-255)	
12	0-255	B(0-255)	
13	0-255	INT(0%-100%)	PIXEL4
14	0-255	R(0-255)	
15	0-255	G(0-255)	
16	0-255	B(0-255)	
17	0-255	INT(0%-100%)	PIXEL5
18	0-255	R(0-255)	
19	0-255	G(0-255)	
20	0-255	B(0-255)	

HSI 8-bit PIXEL=3			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	HUE(0°-360°)	
3	0-255	SAT(0%-100%)	
4	0-255	INT(0%-100%)	PIXEL2
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	
7	0-255	INT(0%-100%)	PIXEL3
8	0-255	HUE(0°-360°)	
9	0-255	SAT(0%-100%)	
10	0-255	INT(0%-100%)	PIXEL4
11	0-255	HUE(0°-360°)	
12	0-255	SAT(0%-100%)	
13	0-255	INT(0%-100%)	PIXEL5
14	0-255	HUE(0°-360°)	
15	0-255	SAT(0%-100%)	

CCT&RGB 8-bit PIXEL=1			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->RGB	
5	0-255	R(0-255)	
6	0-255	G(0-255)	
7	0-255	B(0-255)	
8	0-255	INT(0%-100%)	PIXEL2
9	0-255	CCT(2700K-10000K)	
10	0-255	GM(-50-50)	
11	0-255	CCT<-->RGB	
12	0-255	R(0-255)	
13	0-255	G(0-255)	
14	0-255	B(0-255)	
15	0-255	INT(0%-100%)	PIXEL3
16	0-255	CCT(2700K-10000K)	
17	0-255	GM(-50-50)	
18	0-255	CCT<-->RGB	
19	0-255	R(0-255)	
20	0-255	G(0-255)	
21	0-255	B(0-255)	
.	0-255	INT(0%-100%)	PIXELn(3<n<15)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
.	0-255	CCT<-->RGB	
.	0-255	R(0-255)	
.	0-255	G(0-255)	
.	0-255	B(0-255)	
99	0-255	INT(0%-100%)	PIXEL15
100	0-255	CCT(2700K-10000K)	
101	0-255	GM(-50-50)	
102	0-255	CCT<-->RGB	
103	0-255	R(0-255)	
104	0-255	G(0-255)	
105	0-255	B(0-255)	

CCT&HSI 8-bit PIXEL=1			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->HSI	
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	
7	0-255	INT(0%-100%)	PIXEL2
8	0-255	CCT(2700K-10000K)	
9	0-255	GM(-50-50)	
10	0-255	CCT<-->HSI	
11	0-255	HUE(0°-360°)	
12	0-255	SAT(0%-100%)	
13	0-255	INT(0%-100%)	PIXEL3
14	0-255	CCT(2700K-10000K)	
15	0-255	GM(-50-50)	
16	0-255	CCT<-->HSI	
17	0-255	HUE(0°-360°)	
18	0-255	SAT(0%-100%)	
.	0-255	INT(0%-100%)	PIXELn(3<n<15)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
.	0-255	CCT<-->HSI	
.	0-255	HUE(0°-360°)	
.	0-255	SAT(0%-100%)	
85	0-255	INT(0%-100%)	PIXEL15
86	0-255	CCT(2700K-10000K)	
87	0-255	GM(-50-50)	
88	0-255	CCT<-->HSI	
89	0-255	HUE(0°-360°)	
90	0-255	SAT(0%-100%)	

CCT 8-bit PIXEL=1			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	INT(0%-100%)	PIXEL2
5	0-255	CCT(2700K-10000K)	
6	0-255	GM(-50-50)	
7	0-255	INT(0%-100%)	PIXEL3
8	0-255	CCT(2700K-10000K)	
9	0-255	GM(-50-50)	
.	0-255	INT(0%-100%)	PIXELn(3<n<15)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
43	0-255	INT(0%-100%)	PIXEL15
44	0-255	CCT(2700K-10000K)	
45	0-255	GM(-50-50)	

RGB 8-bit PIXEL=1			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	R(0-255)	
3	0-255	G(0-255)	
4	0-255	B(0-255)	
5	0-255	INT(0%-100%)	PIXEL2
6	0-255	R(0-255)	
7	0-255	G(0-255)	
8	0-255	B(0-255)	
9	0-255	INT(0%-100%)	PIXEL3
10	0-255	R(0-255)	
11	0-255	G(0-255)	
12	0-255	B(0-255)	
.	0-255	INT(0%-100%)	PIXELn(3<n<15)
.	0-255	R(0-255)	
.	0-255	G(0-255)	
.	0-255	B(0-255)	
57	0-255	INT(0%-100%)	PIXEL15
58	0-255	R(0-255)	
59	0-255	G(0-255)	
60	0-255	B(0-255)	

HSI 8-bit PIXEL=1			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	PIXEL1
2	0-255	HUE(0°-360°)	
3	0-255	SAT(0%-100%)	
4	0-255	INT(0%-100%)	PIXEL2
5	0-255	HUE(0°-360°)	
6	0-255	SAT(0%-100%)	
7	0-255	INT(0%-100%)	PIXEL3
8	0-255	HUE(0°-360°)	
9	0-255	SAT(0%-100%)	
.	0-255	INT(0%-100%)	PIXELn(3<n<15)
.	0-255	HUE(0°-360°)	
.	0-255	SAT(0%-100%)	
43	0-255	INT(0%-100%)	PIXEL15
44	0-255	HUE(0°-360°)	
45	0-255	SAT(0%-100%)	

EFFECT 8-bit			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-119 120-129 130-255	"OFF", "Lightning", "CCT Loop", "Candle", "Bad Bulb", "TV", "Paparazzi", "Explosion", "Pulsing", "Disco", "Cop Car", "Party", "Hue Loop" Reserved	EFFECT Type
3	0-127 128-255	Loop Stop	Control
4	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-255	SPD=1 SPD=2 SPD=3 SPD=4 SPD=5 SPD=6 SPD=7 SPD=8 SPD=9 SPD=10 Reserved	Speed
5	0-255	NA	Valid when type is: "CCT Loop"
	0-255	CCT(2700K-10000K)	Valid when type is: "Lightning", "Candle", "Bad Bulb", "TV", "Paparazzi", "Explosion", "Pulsing"
	0-255	SAT(0%-100%)	Valid when type is: "Disco", "Party", "Hue Loop"

PIXEL FX 8-bit			
Channel	Value	Function	Description
1	0-255	INT(0%-100%)	Intensity
2	0-9 10-19 20-29 30-39 40-49 50-59 60-69	"Rolling", "Rainbow", "BlockGame", "PingPong", "Wave", "Meteor" Reserved	PIXEL FX Type
3	0-127 128-255	ST=0 Stop ST=1 Run	FX Status
4	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-255	SPD=1 SPD=2 SPD=3 SPD=4 SPD=5 SPD=6 SPD=7 SPD=8 SPD=9 SPD=10 Reserved	Speed
5	0-127 128-255	Dir=0 Left Dir=1 Right	Direction
6-9	See PIXEL FX Parameter Tables in Following Pages		

PIXEL FX: Rolling			
Channel	Value	Function	Description
6	0-4	COLORS: CCT	Color Mode
	5-9	COLORS: HSI	
	10-14	COLORS: 2	
	15-19	COLORS: 3	
	...	...	
	165-169	COLORS: 15	
7	170-255	Reserved	Rolling Pixels
	0-4	PIXELS=1	
	5-9	PIXELS=2	
	10-14	PIXELS=3	
	15-19	PIXELS=4	
	...	...	
8	0-255	70-74	PIXELS=15
		75-255	Reserved
9	0-255	CCT(2700K-10000K)	COLORS=CCT
		HUE(0°-360°)	COLORS=HSI
		HUE min(0°-360°)	COLORS=2-15
9	0-255	GM(-50-50)	COLORS=CCT
		SAT(0%-100%)	COLORS=HSI
		HUE max(0°-360°)	COLORS=2-15

PIXEL FX: Rainbow			
Channel	Value	Function	Description
6-9		NA	

PIXEL FX: BlockGame			
Channel	Value	Function	Description
6	0-255	Forward HUE(0°-360°)	
7	0-255	Forward SAT(0%-100%)	
8	0-255	Background HUE(0°-360°)	
9	0-255	Background SAT(0%-100%)	

PIXEL FX: PingPong			
Channel	Value	Function	Description
6	0-255	Forward HUE(0°-360°)	
7	0-255	Forward SAT(0%-100%)	
8	0-255	Background HUE(0°-360°)	
9	0-255	Background SAT(0%-100%)	

PIXEL FX: Wave			
Channel	Value	Function	Description
6	0-255	Forward HUE(0°-360°)	
7	0-255	Forward SAT(0%-100%)	
8	0-255	Background HUE(0°-360°)	
9	0-255	Background SAT(0%-100%)	

PIXEL FX: Meteor			
Channel	Value	Function	Description
6	0-255	HUE(0°-360°)	
7	0-255	SAT(0%-100%)	
8	0-255	NA	
9	0-255	NA	

GVM

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