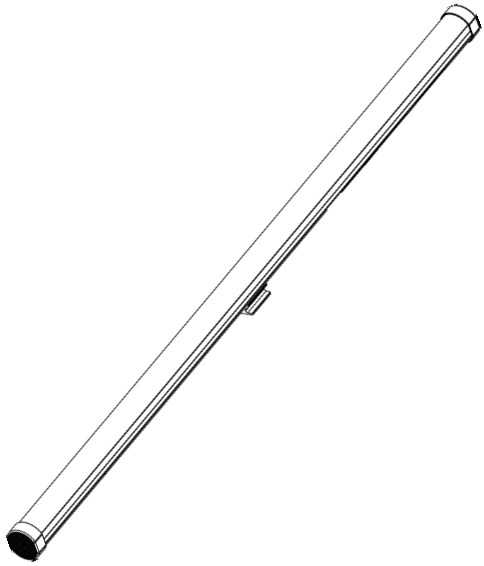
GVM



GVM-PRO-BD45R

DMX Channel Table

V1

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Mode 2：CCT&HSI 8-bit PIXEL=33 1
Mode 3：CCT 8-bit PIXEL=33 1
Mode 4：RGB 8-bit PIXEL=33 1
Mode 5：HSI 8-bit PIXEL=33 2
Mode 6：CCT&RGB 8-bit PIXEL=11 2
Mode 7：CCT&HSI 8-bit PIXEL=11 3
Mode 8：CCT 8-bit PIXEL=11 3
Mode 9：RGB 8-bit PIXEL=11 4
Mode 10：HSI 8-bit PIXEL=11 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
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CCT&RGB 8-bit PIXEL=33			
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=33			
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=33			
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=33			
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=33			
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=11			
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=11			
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=11			
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=11			
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=11			
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%)	
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->RGB	PIXEL1
5	0-255	R(0-255)	
6	0-255	G(0-255)	
7	0-255	B(0-255)	
8	0-255	INT(0%-100%)	
9	0-255	CCT(2700K-10000K)	
10	0-255	GM(-50-50)	
11	0-255	CCT<-->RGB	PIXEL2
12	0-255	R(0-255)	
13	0-255	G(0-255)	
14	0-255	B(0-255)	
15	0-255	INT(0%-100%)	
16	0-255	CCT(2700K-10000K)	
17	0-255	GM(-50-50)	
18	0-255	CCT<-->RGB	PIXEL3
19	0-255	R(0-255)	
20	0-255	G(0-255)	
21	0-255	B(0-255)	
.	0-255	INT(0%-100%)	
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
.	0-255	CCT<-->RGB	PIXELn(3<n<11)
.	0-255	R(0-255)	
.	0-255	G(0-255)	
.	0-255	B(0-255)	
71	0-255	INT(0%-100%)	
72	0-255	CCT(2700K-10000K)	
73	0-255	GM(-50-50)	
74	0-255	CCT<-->RGB	PIXEL11
75	0-255	R(0-255)	
76	0-255	G(0-255)	
77	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%)	
.	0-255	INT(0%-100%)	PIXELn(3<n<11)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
.	0-255	CCT<-->HSI	
.	0-255	HUE(0°-360°)	
.	0-255	SAT(0%-100%)	
61	0-255	INT(0%-100%)	PIXEL11
62	0-255	CCT(2700K-10000K)	
63	0-255	GM(-50-50)	
64	0-255	CCT<-->HSI	
65	0-255	HUE(0°-360°)	
66	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)	
.	0-255	INT(0%-100%)	PIXELn(3<n<11)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
31	0-255	INT(0%-100%)	PIXEL11
32	0-255	CCT(2700K-10000K)	
33	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)	
.	0-255	INT(0%-100%)	PIXELn(3<n<11)
.	0-255	R(0-255)	
.	0-255	G(0-255)	
.	0-255	B(0-255)	
41	0-255	INT(0%-100%)	PIXEL11
42	0-255	R(0-255)	
43	0-255	G(0-255)	
44	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%)	
.	0-255	INT(0%-100%)	PIXELn(3<n<11)
.	0-255	HUE(0°-360°)	
.	0-255	SAT(0%-100%)	
31	0-255	INT(0%-100%)	PIXEL11
32	0-255	HUE(0°-360°)	
33	0-255	SAT(0%-100%)	

CCT&RGB 8-bit PIXEL=1			
Channel	**Value**	**Function**	**Description**
1	0-255	INT(0%-100%)	
2	0-255	CCT(2700K-10000K)	
3	0-255	GM(-50-50)	
4	0-255	CCT<-->RGB	PIXEL1
5	0-255	R(0-255)	
6	0-255	G(0-255)	
7	0-255	B(0-255)	
8	0-255	INT(0%-100%)	
9	0-255	CCT(2700K-10000K)	
10	0-255	GM(-50-50)	
11	0-255	CCT<-->RGB	PIXEL2
12	0-255	R(0-255)	
13	0-255	G(0-255)	
14	0-255	B(0-255)	
15	0-255	INT(0%-100%)	
16	0-255	CCT(2700K-10000K)	
17	0-255	GM(-50-50)	
18	0-255	CCT<-->RGB	PIXEL3
19	0-255	R(0-255)	
20	0-255	G(0-255)	
21	0-255	B(0-255)	
.	0-255	INT(0%-100%)	
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
.	0-255	CCT<-->RGB	PIXELn(3<n<33)
.	0-255	R(0-255)	
.	0-255	G(0-255)	
.	0-255	B(0-255)	
225	0-255	INT(0%-100%)	
226	0-255	CCT(2700K-10000K)	
227	0-255	GM(-50-50)	
228	0-255	CCT<-->RGB	PIXEL33
229	0-255	R(0-255)	
230	0-255	G(0-255)	
231	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<33)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
.	0-255	CCT<-->HSI	
.	0-255	HUE(0°-360°)	
.	0-255	SAT(0%-100%)	
193	0-255	INT(0%-100%)	PIXEL33
194	0-255	CCT(2700K-10000K)	
195	0-255	GM(-50-50)	
196	0-255	CCT<-->HSI	
197	0-255	HUE(0°-360°)	
198	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<33)
.	0-255	CCT(2700K-10000K)	
.	0-255	GM(-50-50)	
97	0-255	INT(0%-100%)	PIXEL33
98	0-255	CCT(2700K-10000K)	
99	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<33)
.	0-255	R(0-255)	
.	0-255	G(0-255)	
.	0-255	B(0-255)	
129	0-255	INT(0%-100%)	PIXEL33
130	0-255	R(0-255)	
131	0-255	G(0-255)	
132	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<33)
.	0-255	HUE(0°-360°)	
.	0-255	SAT(0%-100%)	
97	0-255	INT(0%-100%)	PIXEL33
98	0-255	HUE(0°-360°)	
99	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 5-9 10-14 15-19 ... 165-169 170-255	COLORS: CCT COLORS: HSI COLORS: 2 COLORS: 3 ... COLORS: 33 Reserved	Color Mode
7	0-4 5-9 10-14 15-19 ... 160-164 165-255	PIXELS=1 PIXELS=2 PIXELS=3 PIXELS=4 ... PIXELS=33 Reserved	Rolling Pixels
8	0-255	CCT(2700K-10000K)	COLORS=CCT
		HUE(0°-360°)	COLORS=HSI
		HUE min(0°-360°)	COLORS=2-33
9	0-255	GM(-50-50)	COLORS=CCT
		SAT(0%-100%)	COLORS=HSI
		HUE max(0°-360°)	COLORS=2-33

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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