

Manufacture Name: Film Gear Int. Ltd

Manufacture ID: 0x4142

Product Name:	Model ID:
Max4C	0x1905
V2 Max 9C	0x1911
SP V2 700C	0x1304
Zenith 900C / 1300C	0x1E02
Mega 900C / 1200C	0x2304

Version: V0.80 or above

DMX Mode:

- Mode 1 : 8-bit functional setting of CCT and RGBW
- Mode 2 : 8-bit functional setting of CCT
- Mode 3 : 8-bit functional setting of CCT and HSI
- Mode 4 : 8-bit functional setting of RGBW
- Mode 5 : 8-bit functional setting of H.S.I.
- Mode 6 : 16-bit functional setting of CCT and RGBW
- Mode 7 : 16-bit functional setting of CCT
- Mode 8 : 16-bit functional setting of CCT and H.S.I.
- Mode 9 : 16-bit functional setting of RGBW
- Mode 10 : 16-bit functional setting of H.S.I.
- Mode 11 : Coarse/Fine Tuning of CCT and RGBW
- Mode 12 : Coarse/Fine Tuning of CCT
- Mode 13 : Coarse/Fine Tuning of CCT and H.S.I
- Mode 14 : Coarse/Fine Tuning of RGBW
- Mode 15 : Coarse/Fine Tuning of H.S.I.
- Mode 16 : GEL, 8 bit resolution per function, base channels
- Mode 17 : GEL, 16 bit resolution per function, base channels
- Mode 18 : x,y Coordinates, 8 bit resolution per function
- Mode 19 : x,y Coordinates 16 bit resolution per function
- Mode 20 : Effects, 8 bit resolution per function
- Mode 21 : Effects, 16 bit resolution per function
- Mode 22 : 8-bit functional setting of Wall Control CCT/HSI
- Mode 23 : 8-bit functional setting of Column Control CCT/HSI
- Mode 24 : 8-bit functional setting of Row Control CCT/HSI
- Mode 25 : 8-bit functional setting of Individual Control CCT/HSI
- Mode 26 : 8-bit functional setting of Professional Column Control CCT/RGBW
- Mode 27 : 8-bit functional setting of Professional Row Control CCT/RGBW
- Mode 28 : 8-bit functional setting of Professional Individual Control CCT/RGBW
- Mode 29 : 16-bit functional setting of Professional Column Control CCT/RGBW
- Mode 30 : 16-bit functional setting of Professional Row Control CCT/RGBW
- Mode 31 : 16-bit functional setting of Professional Individual Control CCT/RGBW
- Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function
- Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 1 : 8-bit functional setting of CCT and RGBW

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust Red Color intensity
6	0 – 255	0 – 100	Adjust Green Color intensity
7	0 – 255	0 – 100	Adjust Blue Color intensity
8	0 – 255	0 – 100	Adjust White Color intensity
9	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 1 : 8-bit functional setting of CCT and RGBW

DMX Channel	Value	Percent	Function
10	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
11	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 129	32 - 50	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	130 - 149	51 - 58	Hold 3 sec. and keep to activate the Calibrate Color Mode
12	150 - 255	59 – 100	Normal Mode; Turn OFF "ALL Special Mode"
			Reserved for future use

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Mode 2 : 8-bit functional setting of CCT

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

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Mega 900C / 1200C 0x2304

Mode 2 : 8-bit functional setting of CCT

DMX Channel	Value	Percent	Function
5	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
6	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
7			Reserved for future use

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 3 : 8-bit functional setting of CCT and HSI

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust HUE (0~359)
6	0 – 255	0 – 100	Adjust Saturation (0~100%)
7	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

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Mega 900C / 1200C 0x2304

Mode 3 : 8-bit functional setting of CCT and HSI

DMX Channel	Value	Percent	Function
8	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
9	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
10			Reserved for future use

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Mode 4 : 8-bit functional setting of RGBW

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Adjust Red Color intensity
3	0 – 255	0 – 100	Adjust Green Color intensity
4	0 – 255	0 – 100	Adjust Blue Color intensity
5	0 – 255	0 – 100	Adjust White Color intensity
6	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

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Mode 4 : 8-bit functional setting of RGBW

DMX Channel	Value	Percent	Function
7	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
8	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
9			Reserved for future use

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Mode 5 : 8-bit functional setting of H.S.I.

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Adjust HUE (0~359)
3	0 – 255	0 – 100	Adjust Saturation (0~100%)
4	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 – 19	Quiet Mode
	50 – 99	20 – 39	Auto Mode
	100 – 150	40 – 59	Variable
	151 – 175	60 – 68	Full Speed
	176 – 200	69 – 78	Full Speed but Limited Output 80%
	201 – 225	79 – 88	Full Speed but Limited Output 60%
	226 – 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

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Mode 5 : 8-bit functional setting of H.S.I.

DMX Channel	Value	Percent	Function
5	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
6	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
7			Reserved for future use

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Mode 6 : 16-bit functional setting of CCT and RGBW

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (hi) 4 (lo)	0 –65535	0 – 100	Color Temp. (2700K~10000K)
5 (hi) 6 (lo)	Green / Magenta Adjustment		
	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (hi) 8 (lo)	0 –65535	0 – 100	Color Change Coefficient White --> Color
9 (hi) 10 (lo)	0 –65535	0 – 100	Adjust Red Color intensity
11 (hi) 12 (lo)	0 –65535	0 – 100	Adjust Green Color intensity
13 (hi) 14 (lo)	0 –65535	0 – 100	Adjust Blue Color intensity
15 (hi) 16 (lo)	0 –65535	0 – 100	Adjust White Color intensity

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Mode 6 : 16-bit functional setting of CCT and RGBW

DMX Channel	Value	Percent	Function
17	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
18	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
19	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
20			Reserved for future use

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Mode 7 : 16-bit functional setting of CCT

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (hi) 4 (lo)	0 –65535	0 – 100	Color Temp. (2700K~10000K)
5 (hi) 6 (lo)	Green / Magenta Adjustment		
	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

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Mode 7 : 16-bit functional setting of CCT

DMX Channel	Value	Percent	Function
8	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
9	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
10			Reserved for future use

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Mode 8 : 16-bit functional setting of CCT and H.S.I.

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (hi) 4 (lo)	0 –65535	0 – 100	Color Temp. (2700K~10000K)
5 (hi) 6 (lo)	Green / Magenta Adjustment		
	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (hi) 8 (lo)	0 –65535	0 – 100	Color Change Coefficient White --> Color
9 (hi) 10 (lo)	0 –65535	0 – 100	Adjust HUE (0~359)
11 (hi) 12 (lo)	0 –65535	0 – 100	Adjust Saturation (0~100%)
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

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Mode 8 : 16-bit functional setting of CCT and H.S.I.

DMX Channel	Value	Percent	Function
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 9 : 16-bit functional setting of RGBW

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (hi) 4 (lo)	0 –65535	0 – 100	Adjust Red Color intensity
5 (hi) 6 (lo)	0 –65535	0 – 100	Adjust Green Color intensity
7 (hi) 8 (lo)	0 –65535	0 – 100	Adjust Blue Color intensity
9 (hi) 10 (lo)	0 –65535	0 – 100	Adjust White Color intensity
11	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 9 : 16-bit functional setting of RGBW

DMX Channel	Value	Percent	Function
12	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
13	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
14			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 10 : 16-bit functional setting of H.S.I.

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (hi) 4 (lo)	0 –65535	0 – 100	Adjust HUE (0~359)
5 (hi) 6 (lo)	0 –65535	0 – 100	Adjust Saturation (0~100%)
7	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 10 : 16-bit functional setting of H.S.I.

DMX Channel	Value	Percent	Function
8	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
9	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
10			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 11 : Coarse/Fine Tuning of CCT and RGBW

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
	2	0 – 255	0 – 100
3	Adjust Color Temp.		
	0 – 255	0 – 100	Color Temp. (2700K~10000K)
	4	0 – 255	0 – 100
5	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
6	0 – 255	0 – 100	Color Change Coefficient White --> Color
7	Adjust Red		
	0 – 255	0 – 100	Adjust Red (0~100%)
	8	0 – 255	0 – 100
9	Adjust Green		
	0 – 255	0 – 100	Adjust Green (0~100%)
	10	0 – 255	0 – 100
11	Adjust Blue		
	0 – 255	0 – 100	Adjust Blue (0~100%)
	12	0 – 255	0 – 100
13	Adjust White		
	0 – 255	0 – 100	Adjust White (0~100%)
	14	0 – 255	0 – 100

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 11 : Coarse/Fine Tuning of CCT and RGBW

DMX Channel	Value	Percent	Function
15	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
16	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
17	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
18			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 12 : Coarse/Fine Tuning of CCT

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Fine Tune intensity (10%)
3	Adjust Color Temp.		
	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	0 – 255	0 – 100	Fine Tune Color Temp.
5	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
6	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 12 : Coarse/Fine Tuning of CCT

DMX Channel	Value	Percent	Function
7	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
8	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
9			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 13 : Coarse/Fine Tuning of CCT and H.S.I

DMX Channel	Value	Percent	Function
Master Intensity			
1	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Fine Tune intensity (10%)
Adjust Color Temp.			
3	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	0 – 255	0 – 100	Fine Tune Color Temp.
Green / Magenta Adjustment			
5	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
6	0 – 255	0 – 100	Color Change Coefficient White --> Color
Adjust HUE			
7	0 – 255	0 – 100	Adjust HUE (0~359)
8	0 – 255	0 – 100	Fine Tune HUE (10%)
Adjust Saturation			
9	0 – 255	0 – 100	Adjust Saturation (0~100%)
10	0 – 255	0 – 100	Fine Tune Saturation (10%)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 13 : Coarse/Fine Tuning of CCT and H.S.I

DMX Channel	Value	Percent	Function
11	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
12	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
13	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
14			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 14 : Coarse/Fine Tuning of RGBW

DMX Channel	Value	Percent	Function
Master Intensity			
1	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Fine Tune intensity (10%)
Adjust Red			
3	0 – 255	0 – 100	Adjust Red (0~100%)
4	0 – 255	0 – 100	Fine Tune Red (10%)
Adjust Green			
5	0 – 255	0 – 100	Adjust Green (0~100%)
6	0 – 255	0 – 100	Fine Tune Green (10%)
Adjust Blue			
7	0 – 255	0 – 100	Adjust Blue (0~100%)
8	0 – 255	0 – 100	Fine Tune Blue (10%)
Adjust White			
9	0 – 255	0 – 100	Adjust White (0~100%)
10	0 – 255	0 – 100	Fine Tune White (10%)
Fan control			
11	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 – 19	Quiet Mode
	50 – 99	20 – 39	Auto Mode
	100 – 150	40 – 59	Variable
	151 – 175	60 – 68	Full Speed
	176 – 200	69 – 78	Full Speed but Limited Output 80%
	201 – 225	79 – 88	Full Speed but Limited Output 60%
	226 – 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 14 : Coarse/Fine Tuning of RGBW

DMX Channel	Value	Percent	Function
12	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
13	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
14			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 15 : Coarse/Fine Tuning of H.S.I.

DMX Channel	Value	Percent	Function
Master Intensity			
1	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Fine Tune intensity (10%)
Adjust HUE			
3	0 – 255	0 – 100	Adjust HUE (0~359)
4	0 – 255	0 – 100	Fine Tune HUE (10%)
Adjust Saturation			
5	0 – 255	0 – 100	Adjust Saturation (0~100%)
6	0 – 255	0 – 100	Fine Tune Saturation (10%)
Fan control			
7	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 – 19	Quiet Mode
	50 – 99	20 – 39	Auto Mode
	100 – 150	40 – 59	Variable
	151 – 175	60 – 68	Full Speed
	176 – 200	69 – 78	Full Speed but Limited Output 80%
	201 – 225	79 – 88	Full Speed but Limited Output 60%
	226 – 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 15 : Coarse/Fine Tuning of H.S.I.

DMX Channel	Value	Percent	Function
8	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
9	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
10			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142*Model ID:* Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel	Value	Percent	Function
1	0 – 255	0 – 100	Master Intensity
2	Gel 1, CCT Selection		
	0 – 127	0 – 50	3.200 K
	128 – 255	51 – 100	5.600 K
3	Gel 1: Filter Class		
	0 – 12	0 – 4	CTB under Color Correction
	13 – 25	5 – 9	CTO under Color Correction
	26 – 38	10 – 14	CTS under Color Correction
	39 – 50	15 – 19	+/- Green under Color Correction
	51 – 61	20 – 24	Misc under Color Correction
	62 – 127	25 – 49	Reserved
	128 – 140	50 – 54	Red under Color Filter
	141 – 152	55 – 59	Orange under Color Filter
	153 – 165	60 – 64	Yellow under Color Filter
	166 – 178	65 – 69	Green under Color Filter
	179 – 191	70 – 74	Blue under Color Filter
	192 – 203	75 – 79	Purple under Color Filter
	204 – 255	80 – 100	Reserved
4	0 – 255	0 – 100	Gel 1: Filter Code
5	0 – 255	0 – 100	Cross Fade from Gel 1 to Gel2

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel	Value	Percent	Function
6	Gel 2, CCT Selection		
	0 – 127	0 – 50	3.200 K
	128 – 255	51 – 100	5.600 K
7	Gel 2: Filter Class		
	0 – 12	0 – 4	CTB under Color Correction
	13 – 25	5 – 9	CTO under Color Correction
	26 – 38	10 – 14	CTS under Color Correction
	39 – 50	15 – 19	+/- Green under Color Correction
	51 – 61	20 – 24	Misc under Color Correction
	62 – 127	25 – 49	Reserved
	128 – 140	50 – 54	Red under Color Filter
	141 – 152	55 – 59	Orange under Color Filter
	153 – 165	60 – 64	Yellow under Color Filter
	166 – 178	65 – 69	Green under Color Filter
	179 – 191	70 – 74	Blue under Color Filter
	192 – 203	75 – 79	Purple under Color Filter
	204 – 255	80 – 100	Reserved
8	0 – 255	0 – 100	Gel 2: Filter Code
9	Transition Type		
	0~41	0~16	Direct
	42~83	17~32	Through White Point
	84~125	33~49	Through Black Point
	126~167	50~65	Dissolve (A gradual transition from Color 1 to Color 2)
	168~209	66~82	Over White Point (Color 1 cross above CIE White Point to Color 2)
	210~255	83~100	Under White Point (Color 1 cross below CIE White Point to Color 2)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel	Value	Percent	Function
10	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
11	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
12	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
13			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for CTB under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 0 ~ 12	0 - 4	1	RCC3220	CTB Double
	5 - 7	2	RCC3202	CTB Full
	8 - 10	3	RCC3203	CTB 3/4
	11 - 12	4	RCC3204	CTB 1/2
	13 - 15	5	RCC3208	CTB 1/4
8 (for Gel 2) (Preset CH7: 0 ~ 12	16 - 17	6	RCC3216	CTB 1/8
	18 - 20	7	LCC0283	CTB 1-1/2
	21 - 22	8	LCC0201	CTB Full
	23 - 25	9	LCC0281	CTB 3/4
	26 - 27	10	LCC0202	CTB 1/2
	28 - 30	11	LCC0203	CTB 1/4
	31 - 33	12	LCC0218	CTB 1/8
	34 - 255	13 - 100		Reserved for future use

Filter code for CTO under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 13 ~ 25	0 - 4	1	RCC3407	CTO Full
	5 - 7	2	RCC3411	CTO 3/4
	8 - 10	3	RCC3408	CTO 1/2
	11 - 12	4	RCC3409	CTO 1/4
	13 - 15	5	RCC3410	CTO 1/8
8 (for Gel 2) (Preset CH7: 13 ~ 25	16 - 17	6	LCC0286	CTO 1-1/2
	18 - 20	7	LCC0208	CTO Full+6ND
	21 - 22	8	LCC0207	CTO Full+3ND
	23 - 25	9	LCC0206	CTO 1/4
	26 - 27	10	LCC0287	CTO Double
	28 - 30	11	LCC0204	CTO Full
	31 - 33	12	LCC0285	CTO 3/4
	34 - 35	13	LCC0205	CTO 1/2
	36 - 38	14	LCC0223	CTO 1/8
	39 - 255	15 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for CTS under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 26 ~ 38	0 - 4	1	RCC3441	CTS Full
	5 - 7	2	RCC3442	CTS 1/2
	8 - 10	3	RCC3443	CTS 1/4
	11 - 12	4	RCC3444	CTS 1/8
	13 - 15	5	LCC0441	CTS Full
8 (for Gel 2) (Preset CH7: 26 ~ 38	16 - 17	6	LCC0442	CTS 1/2
	18 - 20	7	LCC0443	CTS 1/4
	21 - 22	8	LCC0444	CTS 1/8
	23 - 255	9 - 100		Reserved for future use

Filter code for +/-Green under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 39 ~ 50	0 - 4	1	RCC3304	Plusgreen Full
	5 - 7	2	RCC3315	Plusgreen 1/2
	8 - 10	3	RCC3316	Plusgreen 1/4
	11 - 12	4	RCC3317	Plusgreen 1/8
	13 - 15	5	RCC3308	Minusgreen Full
8 (for Gel 2) (Preset CH7: 39 ~ 50	16 - 17	6	RCC3309	Minusgreen 3/4
	18 - 20	7	RCC3313	Minusgreen 1/2
	21 - 22	8	RCC3314	Minusgreen 1/4
	23 - 25	9	RCC3318	Minusgreen 1/8
	26 - 27	10	LCC0244	L.Plus Green
	28 - 30	11	LCC0245	Plus Green 1/2
	31 - 33	12	LCC0246	Plus Green 1/4
	34 - 35	13	LCC0278	Plus Green 1/8
	36 - 38	14	LCC0247	L. Minus Green
	39 - 40	15	LCC0248	Minus Green 1/2
	41 - 43	16	LCC0249	Minus Green 1/4
	44 - 45	17	LCC0279	Minus Green 1/8
	46 - 255	18 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142*Model ID:* Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Misc under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 51 ~ 61	0 - 4	1	RCC3102	Tough MT2
	5 - 7	2	RCC3106	Tough MTY
	8 - 10	3	RCC3107	Tough Y-1
	11 - 12	4	RCC3134	Tough MT
	13 - 15	5	RCC3150	Industrial Vapor
8 (for Gel 2) (Preset CH7: 51 ~ 61	16 - 17	6	RCC3152	Urban Vapor
	18 - 20	7	RCC3310	Fluoro Filter
	21 - 22	8	LCC0212	LCT Yellow (Y1)
	23 - 25	9	LCC0213	White Flame Green
	26 - 27	10	LCC0219	Fluo Green
	28 - 30	11	LCC0230	S.Corr LCT Yellow
	31 - 33	12	LCC0232	S Corr WF Green
	34 - 35	13	LCC0236	HMI (to Tungsten)
	36 - 38	14	LCC0237	CID (to Tungsten)
	39 - 40	15	LCC0238	CSI (to Tungsten)
	41 - 43	16	LCC0241	L.Flue 5700K
	44 - 45	17	LCC0242	L.Flue 4300K
	46 - 48	18	LCC0243	L.Flue 3600K
	49 - 255	19 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Red

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 128 ~ 140	0 - 4	1	RCA4615	Red 15
	5 - 7	2	RCA4630	Red 30
	8 - 10	3	RCA4660	Red 60
	11 - 12	4	RCA4690	Red 90
	13 - 15	5	RCA4815	Pink 15
8 (for Gel 2) (Preset CH7: 128 ~ 140	16 - 17	6	RCA4830	Pink 30
	18 - 20	7	RCA4860	Pink 60
	21 - 22	8	RCA4890	Pink 90
	23 - 25	9	RCC3102	Tough MT2
	26 - 27	10	RCL0021	Golden Amber
	28 - 30	11	RCL0026	Light Red
	31 - 33	12	RCL0033	No Color Pink
	34 - 35	13	RCL0034	Flesh Pink
	36 - 38	14	RCL0041	Salmon
	39 - 40	15	RCL0042	Deep Salmon
	41 - 43	16	RCL0044	Middle Rose
	44 - 45	17	RCL0318	Mayan Sun
	46 - 48	18	RCL0321	Soft Golden Amber
	49 - 50	19	RCL0325	Henna Sky
	51 - 53	20	RCL0333	Blush Pink
	54 - 55	21	RSS2001	VS-Red
	56 - 58	22	L700748	Seedy Pink
	59 - 61	23	L700779	Bastard Pink
	62 - 63	24	L700781	Terry Red
	64 - 66	25	L700790	Moroccan Pink
	67 - 68	26	L700794	Pretty n Pink
	69 - 71	27	L700795	Magical Magenta
	72 - 73	28	LCF0002	Rose Pink
	74 - 76	29	LCF0008	Dark Salmon
	77 - 78	30	LCF0019	Fire
	79 - 81	31	LCF0024	Scarlet
	82 - 84	32	LCF0025	Sunset Red
	85 - 86	33	LCF0026	Bright Red
	87 - 89	34	LCF0035	Light Pink

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel	Value	Percent	Function	
	90 – 91	35	LCF0036	Med. Pink
	92 – 94	36	LCF0046	Dark Magenta
	95 – 96	37	LCF0048	Rose Purple
	97 – 99	38	LCF0106	Primary Red
	100 – 101	39	LCF0107	Light Rose
	102 – 104	40	LCF0108	English Rose
	105 – 106	41	LCF0109	Light Salmon
	107 – 109	42	LCF0110	Middle Rose
	110 – 112	43	LCF0111	Dark Pink
	113 – 114	44	LCF0113	Magenta
	115 – 117	45	LCF0127	Smokey Pink
	118 – 119	46	LCF0128	Bright Pink
	120 – 122	47	LCF0148	Bright Rose
	123 – 124	48	LCF0151	Gold Tint
	125 – 127	49	LCF0153	Pale Salmon
	128 – 129	50	LCF0154	Pale Rose
	130 – 132	51	LCF0157	Pink
	133 – 135	52	LCF0164	Flame Red
	136 – 137	53	LCF0176	Loving Amber
	138 – 140	54	LCF0182	Light Red
	141 – 142	55	LCF0192	Flesh Pink
	143 – 145	56	LCF0332	S.Rose Pink
	146 – 147	57	LCS0705	Lily Frost
	148 – 150	58	LCS0749	Hampshire Rose
	151 – 152	59	LCS0750	Durham Frost
	153 – 155	60	L700789	Blood Red
	156 – 255	61 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Orange

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 141 ~ 152	0 - 4	1	RCL0002	Bastard Amber
	5 - 7	2	RCL0008	Pale Gold
	8 - 10	3	RCL0016	Light Amber
	11 - 12	4	RCL0017	Light Flame
	13 - 15	5	RCL0018	Flame
8 (for Gel 2) (Preset CH7: 141 ~ 152	16 - 17	6	RCL0023	Orange
	18 - 20	7	RCL0099	Chocolate
	21 - 22	8	RCL0302	Pale Bastard Amber
	23 - 25	9	RCL0316	Gallo Gold
	26 - 27	10	RSS2002	VS-Orange
	28 - 30	11	L600604	Full CT
	31 - 33	12	L600651	HI Sodium
	34 - 35	13	L600652	Urban Sodium
	36 - 38	14	L700747	Easy White
	39 - 40	15	L700773	Cardbox Amber
	41 - 43	16	L700776	Nectarine
	44 - 45	17	L700778	Millennium Gold
	46 - 48	18	LCF0004	Med.Bastard Amber
	49 - 50	19	LCF0009	Pale Amber Gold
	51 - 53	20	LCF0017	Surprise Peach
	54 - 55	21	LCF0021	Gold Amber
	56 - 58	22	LCF0022	Dark Amber
	59 - 61	23	LCF0105	Orange
	62 - 63	24	LCF0134	Golden Amber
	64 - 66	25	LCF0135	Deep Golden Amber
	67 - 68	26	LCF0147	Apricot
	69 - 71	27	LCF0152	Pale Gold
	72 - 73	28	LCF0156	Chocolate
	74 - 76	29	LCF0162	Bastard Amber
	77 - 78	30	LCF0179	Chrome Orange
	79 - 81	31	LCS0774	Soft Amber Key 1
	82 - 84	32	LCS0775	Soft Amber Key 2
	85 - 86	33	LCS0791	Moroccan Frost
	87 - 255	34 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Yellow

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 153 ~ 165	0 - 4	1	RCA4515	Yellow 15
	5 - 7	2	RCA4530	Yellow 30
	8 - 10	3	RCA4560	Yellow 60
	11 - 12	4	RCA4590	Yellow 90
	13 - 15	5	RCL0006	No Color Straw
8 (for Gel 2) (Preset CH7: 153 ~ 165	16 - 17	6	RCL0012	Straw
	18 - 20	7	RCL0310	Daffodil
	21 - 22	8	RSS2003	VS-Yellow
	23 - 25	9	L600650	Industry Sodium
	26 - 27	10	L600653	LO Sodium
	28 - 30	11	L700742	Bram Brown
	31 - 33	12	L700744	Dirty White
	34 - 35	13	L700746	Brown
	36 - 38	14	L700763	Wheat
	39 - 40	15	L700764	Sun Colour Straw
	41 - 43	16	L700765	L. Yellow
	44 - 45	17	LCF0010	Med. Yellow
	46 - 48	18	LCF0013	Straw Tint
	49 - 50	19	LCF0015	Deep Straw
	51 - 53	20	LCF0020	Med. Amber
	54 - 55	21	LCF0100	Spring Yellow
	56 - 58	22	LCF0101	Yellow
	59 - 61	23	LCF0102	Light Amber
	62 - 63	24	LCF0103	Straw
	64 - 66	25	LCF0104	Deep Amber
	67 - 68	26	LCF0159	No Color Straw
	69 - 255	27 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Green

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 166 ~ 178	0 - 4	1	RCA4390	Cyan 90
	5 - 7	2	RCA4415	Green 15
	8 - 10	3	RCA4430	Green 30
	11 - 12	4	RCA4460	Green 60
	13 - 15	5	RCA4490	Green 90
8 (for Gel 2) (Preset CH7: 166 ~ 178	16 - 17	6	RCL0087	Pale Yellow Green
	18 - 20	7	RCL0088	Light Green
	21 - 22	8	RCL0089	Moss Green
	23 - 25	9	RCL0091	Primary Green
	26 - 27	10	RCL0092	Turquoise
	28 - 30	11	RCL0093	Blue Green
	31 - 33	12	RSS2004	VS-Green
	34 - 35	13	RSS2005	VS-Cyan
	36 - 38	14	L700728	Steel Green
	39 - 40	15	L700730	Liberty Green
	41 - 43	16	L700731	Dirty Ice
	44 - 45	17	L700733	Damp Squib
	46 - 48	18	L700738	JAS Green
	49 - 50	19	LCF0088	Lime Green
	51 - 53	20	LCF0089	Moss Green
	54 - 55	21	LCF0090	Dark Yellow Green
	56 - 58	22	LCF0121	L. Green
	59 - 61	23	LCF0122	Fern Green
	62 - 63	24	LCF0124	Dark Green
	64 - 66	25	LCF0131	Marine Blue
	67 - 68	26	LCF0138	Pale Green
	69 - 71	27	LCF0139	Primary Green
	72 - 255	28 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Blue

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 179 ~ 191	0 - 4	1	RCA4215	Blue 15
	5 - 7	2	RCA4230	Blue 30
	8 - 10	3	RCA4260	Blue 60
	11 - 12	4	RCA4290	Blue 90
	13 - 15	5	RCA4307	Cyan 7
8 (for Gel 2) (Preset CH7: 179 ~ 191	16 - 17	6	RCA4315	Cyan 15
	18 - 20	7	RCA4330	Cyan 30
	21 - 22	8	RCA4360	Cyan 60
	23 - 25	9	RCL0060	No Color Blue
	26 - 27	10	RCL0062	Booster Blue
	28 - 30	11	RCL0065	Daylight Blue
	31 - 33	12	RCL0077	Green Blue
	34 - 35	13	RCL0080	Primary Blue
	36 - 38	14	RCL0083	Med. Blue
	39 - 40	15	RCL0360	Clearwater
	41 - 43	16	RCL0362	Tipton Blue
	44 - 45	17	RCL0364	Blue Bell
	46 - 48	18	RCL0365	Tharon Delft Blue
	49 - 50	19	RCL0375	Cerulean Blue
	51 - 53	20	RCL0376	Bermuda Blue
	54 - 55	21	RCL0378	Alice Blue
	56 - 58	22	RCL0381	Baldassari Blue
	59 - 61	23	RSS2006	VS-Azure
	62 - 63	24	RSS2007	VS-Blue
	64 - 66	25	RSS2008	VS-Indigo
	67 - 68	26	L600600	Arctic White
	69 - 71	27	L600601	Silver
	72 - 73	28	L600602	Platinum
	74 - 76	29	L600603	Moonlight White
	77 - 78	30	L700708	Cool Lavender
	79 - 81	31	L700710	Spir Sp Blue
	82 - 84	32	L700711	Cold Blue
	85 - 86	33	L700712	Bedford Blue
	87 - 89	34	L700714	Elysian Blue

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

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V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel	Value	Percent	Function	
	90 – 91	35	L700715	Cabana Blue
	92 – 94	36	L700716	Mik. Blue
	95 – 96	37	L700719	Colour Wash Blue
	97 – 99	38	L700721	Berry Blue
	100 – 101	39	L700723	Virgin Blue
	102 – 104	40	L700724	Ocean Blue
	105 – 106	41	L700725	Old Steel Blue
	107 – 109	42	LCC0200	CTB Double
	110 – 112	43	LCF0061	Mist Blue
	113 – 114	44	LCF0063	Pale Blue
	115 – 117	45	LCF0068	Sky Blue
	118 – 119	46	LCF0075	Evening Blue
	120 – 122	47	LCF0079	Just Blue
	123 – 124	48	LCF0085	Deeper Blue
	125 – 127	49	LCF0115	Peacock Blue
	128 – 129	50	LCF0117	Steel Blue
	130 – 132	51	LCF0118	Light Blue
	133 – 135	52	LCF0120	Deep Blue
	136 – 137	53	LCF0140	Summer Blue
	138 – 140	54	LCF0141	Bright Blue
	141 – 142	55	LCF0143	Pale Navy Blue
	143 – 145	56	LCF0144	No Color Blue
	146 – 147	57	LCF0161	Slate Blue
	148 – 150	58	LCF0165	Daylight Blue
	151 – 152	59	LCF0174	Dark Steel Blue
	153 – 155	60	LCF0195	Zenith Blue
	156 – 157	61	LCF0196	True Blue
	159 – 160	62	LCF0197	Alice Blue
	161 – 163	63	LCF0198	Palace Blue
	164 – 165	64	LCF0199	Regal Blue
	166 – 168	65	LCS0221	Blue Frost
	169 – 170	66	LCS0224	Daylite Blue Frost
	171 – 173	67	LCS0717	Shanklin Frost
	174 – 175	68	LCS0718	1/2 Shanklin Frost
	176 – 178	69	LCS0720	Dh Daylite Frost
	179 – 255	70 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 16 : GEL, 8 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Purple

DMX Channel	Value	Percentage	Gel Name	Gel Number
4 (for Gel 1) (Preset CH3: 192 ~ 203	0 - 4	1	RSS2010	VS-Magenta
	5 - 7	2	RSS2009	VS-Violet
	8 - 10	3	RCL0051	Surprise Pink
	11 - 12	4	RCL0047	Light Rose Purple
	13 - 15	5	RCL0037	Pale Rose Pink
8 (for Gel 2) (Preset CH7: 192 ~ 203	16 - 17	6	RCA4990	Lavender 90
	18 - 20	7	RCA4960	Lavender 60
	21 - 22	8	RCA4930	Lavender 30
	23 - 25	9	RCA4915	Lavender 15
	26 - 27	10	RCA4790	Magenta 90
	28 - 30	11	RCA4760	Magenta 60
	31 - 33	12	RCA4730	Magenta 30
	34 - 35	13	RCA4715	Magenta 15
	36 - 38	14	L700700	Perfect Lavender
	39 - 40	15	L700701	Provence
	41 - 43	16	L700702	Sp Pale Lavender
	44 - 45	17	L700703	Cold Lavender
	46 - 48	18	L700704	Lily
	49 - 50	19	L700706	King Fals Lavender
	51 - 53	20	L700709	Electric Lilac
	54 - 55	21	LCF0003	Lavender Tint
	56 - 58	22	LCF0052	Light Lavender
	59 - 61	23	LCF0053	Paler Lavender
	62 - 63	24	LCF0058	Lavender
	64 - 66	25	LCF0136	Pale Lavender
	67 - 68	26	LCF0137	Special Lavender
	69 - 71	27	LCF0142	Pale Violet
	72 - 73	28	LCF0169	Lilac Tint
	74 - 76	29	LCF0170	Deep Lavender
	77 - 78	30	LCF0180	Dark Lavender
	79 - 81	31	LCF0194	Surprise Pink
	82 - 255	32 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel	Value	Percent	Function
1 (hi)	0 - 65535	0 – 100	Master Intensity
3 (hi)	Gel 1, CCT Selection		
4 (lo)	0 - 32767	0 – 50	3.200 K
	32768 - 65535	51 – 100	5.600 K
5 (hi)	Gel 1: Filter Class		
6 (lo)	0 - 3327	0 – 4	CTB under Color Correction
	3328 - 6555	5 – 9	CTO under Color Correction
	6556 - 9983	10 – 14	CTS under Color Correction
	9984 - 13055	15 – 19	+/- Green under Color Correction
	13056 - 15871	20 – 24	Misc under Color Correction
	15872 - 32767	25 – 49	Reserved
	32768 - 36095	50 – 54	Red under Color Filter
	36096 - 39167	55 – 59	Orange under Color Filter
	39168 - 42495	60 – 64	Yellow under Color Filter
	42496 - 45823	65 – 69	Green under Color Filter
	45824 - 49151	70 – 74	Blue under Color Filter
	49152 - 52223	75 – 79	Purple under Color Filter
	52224 - 65535	80 – 100	Reserved
7 (hi)	0 - 65535	0 – 100	Gel 1: Filter Code
8 (lo)			
9 (hi)	0 - 65535	0 – 100	Cross Fade from Gel 1 to Gel2
10 (lo)			

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Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel	Value	Percent	Function
11 (hi)	Gel 2, CCT Selection		
12 (lo)	0 - 32767	0 – 50	3.200 K
	32768 - 65535	51 – 100	5.600 K
13 (hi)	Gel 2: Filter Class		
14 (lo)	0 - 3327	0 – 4	CTB under Color Correction
	3328 - 6555	5 – 9	CTO under Color Correction
	6556 - 9983	10 – 14	CTS under Color Correction
	9984 - 13055	15 – 19	+/- Green under Color Correction
	13056 - 15871	20 – 24	Misc under Color Correction
	15872 - 32767	25 – 49	Reserved
	32768 - 36095	50 – 54	Red under Color Filter
	36096 - 39167	55 – 59	Orange under Color Filter
	39168 - 42495	60 – 64	Yellow under Color Filter
	42496 - 45823	65 – 69	Green under Color Filter
	45824 - 49151	70 – 74	Blue under Color Filter
	49152 - 52223	75 – 79	Purple under Color Filter
	52224 - 65535	80 –100	Reserved
15 (hi)	0 - 65535	0 – 100	Gel 2: Filter Code
16 (lo)			
17	Transition Type		
	0 - 41	0~16	Direct
	42 - 83	17~32	Through White Point
	84 - 125	33~49	Through Black Point
	126 - 167	50~65	Dissolve (A gradual transition from Color 1 to Color 2)
	168 - 209	66~82	Over White Point (Color 1 cross above CIE White Point to Color 2)
	210 - 255	83~100	Under White Point (Color 1 cross below CIE White Point to Color 2)

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Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel	Value	Percent	Function
18	Fan control		
	0 - 9	0 - 3	As Fixture Setting
	10 - 49	4 - 19	Quiet Mode
	50 - 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 - 175	60 - 68	Full Speed
	176 - 200	69 - 78	Full Speed but Limited Output 80%
	201 - 225	79 - 88	Full Speed but Limited Output 60%
	226 - 249	89 - 97	Silent Mode (Limite Output to 80%)
	250 - 255	98 - 100	Reserved for future use
19	Call preset function (With the highest operational priority)		
	0 - 9	0 - 3	No Effect
	10 - 19	4 - 7	Call Preset Slot #1
	20 - 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 - 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 - 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 - 89	32 - 35	Call Preset Slot #8
	90 - 99	36 - 39	Call Preset Slot #9
	100 - 109	40 - 43	Call Preset Slot #10
	110 - 249	44 - 100	No Effect, Reserved for future use
20	Advance Control Mode		
	0 - 19	0 - 7	"Normal" Dimming Mode
	20 - 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 - 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 89	Hold 3 sec. and keep to activate the High Speed Mode
	80 - 229	28 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 - 100	Normal Mode; Turn OFF "ALL Special Mode"
21	0 - 255		Reserved for future use

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DMX Channel Value Percent Function

Filter code for CTB under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 0 – 3275	0 - 1279	1	RCC3220	CTB Double
	1280 - 2047	2	RCC3202	CTB Full
	2048 - 2815	3	RCC3203	CTB 3/4
	2816 - 3327	4	RCC3204	CTB 1/2
	3328 - 4095	5	RCC3208	CTB 1/4
15,16 (for Gel 2) (Preset CH13,14: 0– 3275	4096 - 4607	6	RCC3216	CTB 1/8
	4608 - 5375	7	LCC0283	CTB 1-1/2
	5376 - 5887	8	LCC0201	CTB Full
	5888 - 6655	9	LCC0281	CTB 3/4
	6656 - 7167	10	LCC0202	CTB 1/2
	7168 - 7935	11	LCC0203	CTB 1/4
	7936 - 8703	12	LCC0218	CTB 1/8
	8704 - 65535	13 - 100		Reserved for future use

Filter code for CTO under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 3276 –	0 - 1279	1	RCC3407	CTO Full
	1280 - 2047	2	RCC3411	CTO 3/4
	2048 - 2815	3	RCC3408	CTO 1/2
	2816 - 3327	4	RCC3409	CTO 1/4
	3328 - 4095	5	RCC3410	CTO 1/8
15,16 (for Gel 2) (Preset CH13,14: 3276 –	4096 - 4607	6	LCC0286	CTO 1-1/2
	4608 - 5375	7	LCC0208	CTO Full+6ND
	5376 - 5887	8	LCC0207	CTO Full+3ND
	5888 - 6655	9	LCC0206	CTO 1/4
	6656 - 7167	10	LCC0287	CTO Double
	7168 - 7935	11	LCC0204	CTO Full
	7936 - 8703	12	LCC0285	CTO 3/4
	8704 - 9215	13	LCC0205	CTO 1/2
	9216 - 9983	14	LCC0223	CTO 1/8
	9984 - 65535	15 - 100		Reserved for future use

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SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for CTS under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 6554 -	0 - 1279	1	RCC3441	CTS Full
	1280 - 2047	2	RCC3442	CTS 1/2
	2048 - 2815	3	RCC3443	CTS 1/4
	2816 - 3327	4	RCC3444	CTS 1/8
	3328 - 4095	5	LCC0441	CTS Full
15,16 (for Gel 2) (Preset CH13,14: 6554	4096 - 4607	6	LCC0442	CTS 1/2
	4608 - 5375	7	LCC0443	CTS 1/4
	5376 - 5887	8	LCC0444	CTS 1/8
	5888 - 65535	9 - 100		Reserved for future use

Filter code for +/-Green under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 9831 -	0 - 1279	1	RCC3304	Plusgreen Full
	1280 - 2047	2	RCC3315	Plusgreen 1/2
	2048 - 2815	3	RCC3316	Plusgreen 1/4
	2816 - 3327	4	RCC3317	Plusgreen 1/8
	3328 - 4095	5	RCC3308	Minusgreen Full
15,16 (for Gel 2) (Preset CH13,14: 9831	4096 - 4607	6	RCC3309	Minusgreen 3/4
	4608 - 5375	7	RCC3313	Minusgreen 1/2
	5376 - 5887	8	RCC3314	Minusgreen 1/4
	5888 - 6655	9	RCC3318	Minusgreen 1/8
	6656 - 7167	10	LCC0244	L.Plus Green
	7168 - 7935	11	LCC0245	Plus Green 1/2
	7936 - 8703	12	LCC0246	Plus Green 1/4
	8704 - 9215	13	LCC0278	Plus Green 1/8
	9216 - 9983	14	LCC0247	L. Minus Green
	9984 - 10495	15	LCC0248	Minus Green 1/2
	10496 - 11263	16	LCC0249	Minus Green 1/4
	11264 - 11775	17	LCC0279	Minus Green 1/8
	11776 - 65535	18 - 100		Reserved for future use

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Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Misc under Color Correction

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 13107 -	0 - 1279	1	RCC3102	Tough MT2
	1280 - 2047	2	RCC3106	Tough MTY
	2048 - 2815	3	RCC3107	Tough Y-1
	2816 - 3327	4	RCC3134	Tough MT
	3328 - 4095	5	RCC3150	Industrial Vapor
15,16 (for Gel 2) (Preset CH13,14: 13107 -	4096 - 4607	6	RCC3152	Urban Vapor
	4608 - 5375	7	RCC3310	Fluoro Ffilter
	5376 - 5887	8	LCC0212	LCT Yellow (Y1)
	5888 - 6655	9	LCC0213	White Flame Green
	6656 - 7167	10	LCC0219	Fluo Green
	7168 - 7935	11	LCC0230	S.Corr LCT Yellow
	7936 - 8703	12	LCC0232	S Corr WF Green
	8704 - 9215	13	LCC0236	HMI (to Tungsten)
	9216 - 9983	14	LCC0237	CID (to Tungsten)
	9984 - 10495	15	LCC0238	CSI (to Tungsten)
	10496 - 11263	16	LCC0241	L.Flue 5700K
	11264 - 11775	17	LCC0242	L.Flue 4300K
	11776 - 12543	18	LCC0243	L.Flue 3600K
	12544 - 65535	19 - 100		Reserved for future use

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Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Red

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 32768 –	0 - 1279	1	RCA4615	Red 15
	1280 - 2047	2	RCA4630	Red 30
	2048 - 2815	3	RCA4660	Red 60
	2816 - 3327	4	RCA4690	Red 90
15,16 (for Gel 2) (Preset CH13,14: 32768	3328 - 4095	5	RCA4815	Pink 15
	4096 - 4607	6	RCA4830	Pink 30
	4608 - 5375	7	RCA4860	Pink 60
	5376 - 5887	8	RCA4890	Pink 90
	5888 - 6655	9	RCC3102	Tough MT2
	6656 - 7167	10	RCL0021	Golden Amber
	7168 - 7935	11	RCL0026	Light Red
	7936 - 8703	12	RCL0033	No Color Pink
	8704 - 9215	13	RCL0034	Flesh Pink
	9216 - 9983	14	RCL0041	Salmon
	9984 - 10495	15	RCL0042	Deep Salmon
	10496 - 11263	16	RCL0044	Middle Rose
	11264 - 11775	17	RCL0318	Mayan Sun
	11776 - 12543	18	RCL0321	Soft Golden Amber
	12544 - 13055	19	RCL0325	Henna Sky
	13056 - 13823	20	RCL0333	Blush Pink
	13824 - 14335	21	RSS2001	VS-Red
	14336 - 15103	22	L700748	Seedy Pink
	15104 - 15871	23	L700779	Bastard Pink
	15872 - 16383	24	L700781	Terry Red
	16384 - 17151	25	L700790	Moroccan Pink
	17152 - 17663	26	L700794	Pretty n Pink
	17664 - 18431	27	L700795	Magical Magenta
	18432 - 18943	28	LCF0002	Rose Pink
	18944 - 19711	29	LCF0008	Dark Salmon
	19712 - 20223	30	LCF0019	Fire
	20224 - 20991	31	LCF0024	Scarlet
	20992 - 21759	32	LCF0025	Sunset Red
	21760 - 22271	33	LCF0026	Bright Red
	22272 - 23039	34	LCF0035	Light Pink

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Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel	Value	Percent	Function	
	23040 - 23551	35	LCF0036	Med. Pink
	23552 - 24319	36	LCF0046	Dark Magenta
	24320 - 24831	37	LCF0048	Rose Purple
	24832 - 25599	38	LCF0106	Primary Red
	25600 - 26111	39	LCF0107	Light Rose
	26112 - 26879	40	LCF0108	English Rose
	26880 - 27391	41	LCF0109	Light Salmon
	27392 - 28159	42	LCF0110	Middle Rose
	28160 - 28927	43	LCF0111	Dark Pink
	28928 - 29439	44	LCF0113	Magenta
	29440 - 30207	45	LCF0127	Smokey Pink
	30208 - 30719	46	LCF0128	Bright Pink
	30720 - 31487	47	LCF0148	Bright Rose
	31488 - 31999	48	LCF0151	Gold Tint
	32000 - 32767	49	LCF0153	Pale Salmon
	32768 - 33279	50	LCF0154	Pale Rose
	33280 - 34047	51	LCF0157	Pink
	34048 - 34815	52	LCF0164	Flame Red
	34816 - 35327	53	LCF0176	Loving Amber
	35328 - 36095	54	LCF0182	Light Red
	36096 - 36607	55	LCF0192	Flesh Pink
	36608 - 37375	56	LCF0332	S.Rose Pink
	37376 - 37887	57	LCS0705	Lily Frost
	37888 - 38655	58	LCS0749	Hampshire Rose
	38656 - 39167	59	LCS0750	Durham Frost
	39168 - 39935	60	L700789	Blood Red
	39936 - 65535	61 - 100		Reserved for future use

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DMX Channel Value Percent Function

Filter code for Orange

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 36045 -	0 - 1279	1	RCL0002	Bastard Amber
	1280 - 2047	2	RCL0008	Pale Gold
	2048 - 2815	3	RCL0016	Light Amber
	2816 - 3327	4	RCL0017	Light Flame
	3328 - 4095	5	RCL0018	Flame
15,16 (for Gel 2) (Preset CH13,14: 36045	4096 - 4607	6	RCL0023	Orange
	4608 - 5375	7	RCL0099	Chocolate
	5376 - 5887	8	RCL0302	Pale Bastard Amber
	5888 - 6655	9	RCL0316	Gallo Gold
	6656 - 7167	10	RSS2002	VS-Orange
	7168 - 7935	11	L600604	Full CT
	7936 - 8703	12	L600651	HI Sodium
	8704 - 9215	13	L600652	Urban Sodium
	9216 - 9983	14	L700747	Easy White
	9984 - 10495	15	L700773	Cardbox Amber
	10496 - 11263	16	L700776	Nectarine
	11264 - 11775	17	L700778	Millennium Gold
	11776 - 12543	18	LCF0004	Med.Bastard Amber
	12544 - 13055	19	LCF0009	Pale Amber Gold
	13056 - 13823	20	LCF0017	Surprise Peach
	13824 - 14335	21	LCF0021	Gold Amber
	14336 - 15103	22	LCF0022	Dark Amber
	15104 - 15871	23	LCF0105	Orange
	15872 - 16383	24	LCF0134	Golden Amber
	16384 - 17151	25	LCF0135	Deep Golden Amber
	17152 - 17663	26	LCF0147	Apricot
	17664 - 18431	27	LCF0152	Pale Gold
	18432 - 18943	28	LCF0156	Chocolate
	18944 - 19711	29	LCF0162	Bastard Amber
	19712 - 20223	30	LCF0179	Chrome Orange
	20224 - 20991	31	LCS0774	Soft Amber Key 1
	20992 - 21759	32	LCS0775	Soft Amber Key 2
	21760 - 22271	33	LCS0791	Moroccan Frost
	22272 - 65535	34 - 100		Reserved for future use

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DMX Channel Value Percent Function

Filter code for Yellow

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 39321 –	0 - 1279	1	RCA4515	Yellow 15
	1280 - 2047	2	RCA4530	Yellow 30
	2048 - 2815	3	RCA4560	Yellow 60
	2816 - 3327	4	RCA4590	Yellow 90
	3328 - 4095	5	RCL0006	No Color Straw
15,16 (for Gel 2) (Preset CH13,14: 39321	4096 - 4607	6	RCL0012	Straw
	4608 - 5375	7	RCL0310	Daffodil
	5376 - 5887	8	RSS2003	VS-Yellow
	5888 - 6655	9	L600650	Industry Sodium
	6656 - 7167	10	L600653	LO Sodium
	7168 - 7935	11	L700742	Bram Brown
	7936 - 8703	12	L700744	Dirty White
	8704 - 9215	13	L700746	Brown
	9216 - 9983	14	L700763	Wheat
	9984 - 10495	15	L700764	Sun Colour Straw
	10496 - 11263	16	L700765	L. Yellow
	11264 - 11775	17	LCF0010	Med. Yellow
	11776 - 12543	18	LCF0013	Straw Tint
	12544 - 13055	19	LCF0015	Deep Straw
	13056 - 13823	20	LCF0020	Med. Amber
	13824 - 14335	21	LCF0100	Spring Yellow
	14336 - 15103	22	LCF0101	Yellow
	15104 - 15871	23	LCF0102	Light Amber
	15872 - 16383	24	LCF0103	Straw
	16384 - 17151	25	LCF0104	Deep Amber
	17152 - 17663	26	LCF0159	No Color Straw
	17664 - 65535	27 - 100		Reserved for future use

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DMX Channel Value Percent Function

Filter code for Green

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 42598 -	0 - 1279	1	RCA4390	Cyan 90
	1280 - 2047	2	RCA4415	Green 15
	2048 - 2815	3	RCA4430	Green 30
	2816 - 3327	4	RCA4460	Green 60
	3328 - 4095	5	RCA4490	Green 90
15,16 (for Gel 2) (Preset CH13,14: 42598	4096 - 4607	6	RCL0087	Pale Yellow Green
	4608 - 5375	7	RCL0088	Light Green
	5376 - 5887	8	RCL0089	Moss Green
	5888 - 6655	9	RCL0091	Primary Green
	6656 - 7167	10	RCL0092	Turquoise
	7168 - 7935	11	RCL0093	Blue Green
	7936 - 8703	12	RSS2004	VS-Green
	8704 - 9215	13	RSS2005	VS-Cyan
	9216 - 9983	14	L700728	Steel Green
	9984 - 10495	15	L700730	Liberty Green
	10496 - 11263	16	L700731	Dirty Ice
	11264 - 11775	17	L700733	Damp Squib
	11776 - 12543	18	L700738	JAS Green
	12544 - 13055	19	LCF0088	Lime Green
	13056 - 13823	20	LCF0089	Moss Green
	13824 - 14335	21	LCF0090	Dark Yellow Green
	14336 - 15103	22	LCF0121	L. Green
	15104 - 15871	23	LCF0122	Fern Green
	15872 - 16383	24	LCF0124	Dark Green
	16384 - 17151	25	LCF0131	Marine Blue
	17152 - 17663	26	LCF0138	Pale Green
	17664 - 18431	27	LCF0139	Primary Green
	18432 - 65535	28 - 100		Reserved for future use

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Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Blue

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 45875 –	0 - 1279	1	RCA4215	Blue 15
	1280 - 2047	2	RCA4230	Blue 30
	2048 - 2815	3	RCA4260	Blue 60
	2816 - 3327	4	RCA4290	Blue 90
	3328 - 4095	5	RCA4307	Cyan 7
15,16 (for Gel 2) (Preset CH13,14: 45875	4096 - 4607	6	RCA4315	Cyan 15
	4608 - 5375	7	RCA4330	Cyan 30
	5376 - 5887	8	RCA4360	Cyan 60
	5888 - 6655	9	RCL0060	No Color Blue
	6656 - 7167	10	RCL0062	Booster Blue
	7168 - 7935	11	RCL0065	Daylight Blue
	7936 - 8703	12	RCL0077	Green Blue
	8704 - 9215	13	RCL0080	Primary Blue
	9216 - 9983	14	RCL0083	Med. Blue
	9984 - 10495	15	RCL0360	Clearwater
	10496 - 11263	16	RCL0362	Tipton Blue
	11264 - 11775	17	RCL0364	Blue Bell
	11776 - 12543	18	RCL0365	Tharon Delft Blue
	12544 - 13055	19	RCL0375	Cerulean Blue
	13056 - 13823	20	RCL0376	Bermuda Blue
	13824 - 14335	21	RCL0378	Alice Blue
	14336 - 15103	22	RCL0381	Baldassari Blue
	15104 - 15871	23	RSS2006	VS-Azure
	15872 - 16383	24	RSS2007	VS-Blue
	16384 - 17151	25	RSS2008	VS-Indigo
	17152 - 17663	26	L600600	Arctic White
	17664 - 18431	27	L600601	Silver
	18432 - 18943	28	L600602	Platinum
	18944 - 19711	29	L600603	Moonlight White
	19712 - 20223	30	L700708	Cool Lavender
	20224 - 20991	31	L700710	Spir Sp Blue
	20992 - 21759	32	L700711	Cold Blue
	21760 - 22271	33	L700712	Bedford Blue
	22272 - 23039	34	L700714	Elysian Blue

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel	Value	Percent	Function	
	23040 - 23551	35	L700715	Cabana Blue
	23552 - 24319	36	L700716	Mik. Blue
	24320 - 24831	37	L700719	Colour Wash Blue
	24832 - 25599	38	L700721	Berry Blue
	25600 - 26111	39	L700723	Virgin Blue
	26112 - 26879	40	L700724	Ocean Blue
	26880 - 27391	41	L700725	Old Steel Blue
	27392 - 28159	42	LCC0200	CTB Double
	28160 - 28927	43	LCF0061	Mist Blue
	28928 - 29439	44	LCF0063	Pale Blue
	29440 - 30207	45	LCF0068	Sky Blue
	30208 - 30719	46	LCF0075	Evening Blue
	30720 - 31487	47	LCF0079	Just Blue
	31488 - 31999	48	LCF0085	Deeper Blue
	32000 - 32767	49	LCF0115	Peacock Blue
	32768 - 33279	50	LCF0117	Steel Blue
	33280 - 34047	51	LCF0118	Light Blue
	34048 - 34815	52	LCF0120	Deep Blue
	34816 - 35327	53	LCF0140	Summer Blue
	35328 - 36095	54	LCF0141	Bright Blue
	36096 - 36607	55	LCF0143	Pale Navy Blue
	36608 - 37375	56	LCF0144	No Color Blue
	37376 - 37887	57	LCF0161	Slate Blue
	37888 - 38655	58	LCF0165	Daylight Blue
	38656 - 39167	59	LCF0174	Dark Steel Blue
	39168 - 39935	60	LCF0195	Zenith Blue
	39936 - 40703	61	LCF0196	True Blue
	40704 - 41215	62	LCF0197	Alice Blue
	41216 - 41983	63	LCF0198	Palace Blue
	41984 - 42795	64	LCF0199	Regal Blue
	42496 - 43263	65	LCS0221	Blue Frost
	43264 - 43775	66	LCS0224	Daylite Blue Frost
	43776 - 44543	67	LCS0717	Shanklin Frost
	44544 - 45055	68	LCS0718	1/2 Shanklin Frost
	45056 - 45823	69	LCS0720	Dh Daylite Frost
	45824 - 65535	70 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 17 : GEL, 16 bit resolution per function, base channels

DMX Channel Value Percent Function

Filter code for Purple

DMX Channel	Value	Percentage	Gel Name	Gel Number
7,8 (for Gel 1) (Preset CH5,6: 49152 -	0 - 1279	1	RSS2010	VS-Magenta
	1280 - 2047	2	RSS2009	VS-Violet
	2048 - 2815	3	RCL0051	Surprise Pink
	2816 - 3327	4	RCL0047	Light Rose Purple
	3328 - 4095	5	RCL0037	Pale Rose Pink
15,16 (for Gel 2) (Preset CH13,14: 49152	4096 - 4607	6	RCA4990	Lavender 90
	4608 - 5375	7	RCA4960	Lavender 60
	5376 - 5887	8	RCA4930	Lavender 30
	5888 - 6655	9	RCA4915	Lavender 15
	6656 - 7167	10	RCA4790	Magenta 90
	7168 - 7935	11	RCA4760	Magenta 60
	7936 - 8703	12	RCA4730	Magenta 30
	8704 - 9215	13	RCA4715	Magenta 15
	9216 - 9983	14	L700700	Perfect Lavender
	9984 - 10495	15	L700701	Provence
	10496 - 11263	16	L700702	Sp Pale Lavender
	11264 - 11775	17	L700703	Cold Lavender
	11776 - 12543	18	L700704	Lily
	12544 - 13055	19	L700706	King Fals Lavender
	13056 - 13823	20	L700709	Electric Lilac
	13824 - 14335	21	LCF0003	Lavender Tint
	14336 - 15103	22	LCF0052	Light Lavender
	15104 - 15871	23	LCF0053	Paler Lavender
	15872 - 16383	24	LCF0058	Lavender
	16384 - 17151	25	LCF0136	Pale Lavender
	17152 - 17663	26	LCF0137	Special Lavender
	17664 - 18431	27	LCF0142	Pale Violet
	18432 - 18943	28	LCF0169	Lilac Tint
	18944 - 19711	29	LCF0170	Deep Lavender
	19712 - 20223	30	LCF0180	Dark Lavender
	20224 - 20991	31	LCF0194	Surprise Pink
	20992 - 65535	32 - 100		Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 18 : x,y Coordinates, 8 bit resolution per function

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	X1 Coordinate (0.0 – 0.8)
3	0 – 255	0 – 100	Y1 Coordinate (0.0 – 0.8)
4	0 – 255	0 – 100	Cross Fade X1, Y1 → X2, Y2
5	0 – 255	0 – 100	X2 Coordinate (0.0 – 0.8)
6	0 – 255	0 – 100	Y2 Coordinate (0.0 – 0.8)
7	Transition Type		
	0~41	0~16	Direct
	42~83	17~32	Through White Point
	84~125	33~49	Through Black Point
	126~167	50~65	Dissolve (A gradual transition from Color 1 to Color 2)
	168~209	66~82	Over White Point (Color 1 cross above CIE White Point to Color 2)
	210~255	83~100	Under White Point (Color 1 cross below CIE White Point to Color 2)
8	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 – 19	Quiet Mode
	50 – 99	20 – 39	Auto Mode
	100 – 150	40 – 59	Variable
	151 – 175	60 – 68	Full Speed
	176 – 200	69 – 78	Full Speed but Limited Output 80%
	201 – 225	79 – 88	Full Speed but Limited Output 60%
	226 – 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 18 : x,y Coordinates, 8 bit resolution per function

DMX Channel	Value	Percent	Function
9	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
10	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
11			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 19 : x,y Coordinates 16 bit resolution per function

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (hi) 4 (lo)	0 –65535	0 – 100	X1 Coordinate (0.0 – 0.8)
5 (hi) 6 (lo)	0 –65535	0 – 100	Y1 Coordinate (0.0 – 0,8)
7	0 – 255	0 – 100	Cross Fade X1, Y1 → X2, Y2
8 (hi) 9 (lo)	0 –65535	0 – 100	X2 Coordinate (0.0 – 0.8)
10 (hi) 11 (lo)	0 –65535	0 – 100	Y2 Coordinate (0.0 – 0,8)
12	Transition Type		
	0~41	0~16	Direct
	42~83	17~32	Through White Point
	84~125	33~49	Through Black Point
	126~167	50~65	Dissolve (A gradual transition from Color 1 to Color 2)
	168~209	66~82	Over White Point (Color 1 cross above CIE White Point to Color 2)
	210~255	83~100	Under White Point (Color 1 cross below CIE White Point to Color 2)
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
250 – 255	98 – 100	Reserved for future use	

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 19 : x,y Coordinates 16 bit resolution per function

DMX Channel	Value	Percent	Function
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	Effect Selection		
	0 – 9	0 – 4	No Effect
	10 – 19	5 – 7	Party
	20 – 29	8 – 11	Candle
	30 – 39	12 – 15	Clouds Passing
	40 – 49	16 – 19	Club
	50 – 59	20 – 23	Color Chase
	60 – 69	24 – 27	Explosion
	70 – 79	28 – 31	Fire
	80 – 89	32 – 35	Fireworks
	90 – 99	36 – 39	Flu.Flicker
	100 – 109	40 – 43	Lightning
	110 – 119	44 – 47	Paparazzi
	120 – 129	48 – 51	Police Car
	130 – 139	52 – 55	Process
	140 – 149	56 – 58	Pulsing
	150 – 159	59 – 62	Strobe
	160 – 169	63 – 66	TV
	170 – 179	67 – 70	Welding
	180 – 189	71 – 74	Rotate
	190 – 255	75 – 100	Reserved for future use (No Effect)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

DMX Channel	Value	Percent	Function
3	0 – 255	0 – 100	Effect Parameter 1 (Like PARTY, SPEED)
4	0 – 255	0 – 100	Effect Parameter 2 (Like PARTY , SATURATION)
5	0 – 255	0 – 100	Effect Parameter 3
6	0 – 255	0 – 100	Effect Parameter 4
7	0 – 255	0 – 100	Effect Parameter 5
8	0 – 255	0 – 100	Effect Parameter 6
9	0 – 255	0 – 100	Effect Parameter 7
10	0 – 255	0 – 100	Effect Parameter 8
11	0 – 255	0 – 100	Effect Parameter 9
12	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
14	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
15			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Party Effect				
Preset: Ch2: 10-19				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	0 – 255	0 – 100	Saturation

Candle				
Preset: Ch2: 20-29				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Color Temperature		
		0 – 84	0 – 33	1400 ~ 1700K
		85 – 170	34 – 66	1700 ~ 2000K
		171 – 255	67 – 100	2000 ~ 2300K

Cloud Passing				
Preset: Ch2: 30-39				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	0 – 255	0 – 100	Offset *Number 0 - 50 (Every 5 DMX values is a new Offset)
3	5	255	100	Sync (Jump to "Offset" section)

Club				
Preset: Ch2: 40-49				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Type		
		0 - 31	0 - 12	3 Colors
		32 - 63	13 - 24	6 Colors
		64 - 95	25 - 37	9 Colors
		96 - 127	38 - 49	12 Colors
		128 - 159	50 - 62	15 Colors
		160 - 191	63 - 74	18 Colors
		192 - 223	75 - 87	21 Colors
		224 - 255	88 - 100	24 Colors

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Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Color Chase				
Preset: Ch2: 50-59				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	0 – 255	0 – 100	Offset *Number 0 - 50 (Every 5 DMX values is a new Offset)
3	5	255	100	Sync (Jump to "Offset" section)

Explosion				
Preset: Ch2: 60-69				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 - 127	0 - 49	Auto Explosion Speed (Slow ->Fast)
		128 - 249	50 - 97	Idle (Manual Operation wait for signal)
		250- 255	98 – 100	Manual Trigger
2	4	0 – 255	0 – 100	Decay
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 - 255	0 - 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)

Fire				
Preset: Ch2: 70-79				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Color Temperature		
		0 – 84	0 – 33	Warm
		85 – 170	34 – 66	Neutral
		171 – 255	67 – 100	Cold

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V0.8.0 or +

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Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Fireworks				
Preset: Ch2: 80-89				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Combination		
		0 – 84	0 – 33	RGB
		85 – 170	34 – 66	White
		171 – 255	67 – 100	RGB+White

Flu. Flicker				
Preset: Ch2: 90-99				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	0 – 255	0 – 100	Frequency
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)
8	10	255	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

DMX Channel Value Percent Function

Lightning

Preset: Ch2: 100-109

Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Frequency
2	4	0 – 255	0 – 100	Density
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)
8	10	255	100	Sync

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Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Paparazzi				
Preset: Ch2: 110-119				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Frequency
2	4	Flash Type		
		0 – 127	0 – 50	Flash Bulb
		128 – 255	51 – 100	Modern Flash
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)
8	10	255	100	Sync

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Police Car				
Preset: Ch2: 120-129				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	Color Combinations		
		0 - 25	0 - 9	Blue
		26 - 50	10 - 19	Red
		51 - 76	20 - 29	Blue and Red
		77 - 101	30 - 39	Blue and White
		102 - 127	40 - 49	Amber
		128 - 152	50 - 59	Blue and Amber
		153 - 178	60 - 69	Red and Amber
		179 - 203	70 - 79	Blue, Red and White
		204 - 229	80 - 89	Blue, Red and Amber
		230 - 255	90 - 100	Reserved
2	4	Mode		
		0 - 25	0 - 9	Single Flash
		26 - 50	10 - 19	Double Flash
		51 - 76	20 - 29	Quint Flash
		77 - 101	30 - 39	Quad Flash
		102 - 127	40 - 49	Quint All
		128 - 152	50 - 59	Cycle All
		153 - 255	60 - 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Process				
Preset: Ch2: 130-139				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Direction		
		0 – 127	0 – 50	From Right to Left
		128 – 255	51 – 100	From Left to Right
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)
8	10	255	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Pulsing				
Preset: Ch2: 140-149				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Frequency
2	4	0 – 255	0 – 100	Span (Pulse Duration)
3	5	0 – 255	0 – 100	Color temperature CCT
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)
8	10	255	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Strobe				
Preset: Ch2: 150-159				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Strobe ON
2	4	0 – 255	0 – 100	Strobe OFF
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)
8	10	255	100	Sync

TV				
Preset: Ch2: 160-169				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Color Temperature		
		0 – 84	0 – 33	Warm
		85 – 170	34 – 66	Neutral
		171 – 255	67 – 100	Cold

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

DMX Channel Value Percent Function

Welding

Preset: Ch2: 170-179

Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	0 – 255	0 – 100	Min Intensity Level
3	5	0 – 255	0 – 100	Color Temp. (2700K~10000K)
4	6	Green / Magenta Adjustment		
		0~10	0~4	neutral / no effect
		11~20	5~8	full minus green
		21~119	9~46	-99% --> -1%
		120~145	47~57	neutral / no effect
		146~244	58~96	1% --> 99%
		245~255	97~100	full plus green
5	7	0 – 255	0 – 100	Color Change Coefficient White --> Color
6	8	0 – 255	0 – 100	Adjust HUE (0~359)
7	9	0 – 255	0 – 100	Adjust Saturation (0~100%)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 20 : Effects, 8 bit resolution per function

	DMX Channel	Value	Percent	Function
Rotate				
Preset: Ch2: 180-189				
Para.	DMX Channel	Value 8 bit	Percent	Function
1	3	0 – 255	0 – 100	Speed
2	4	Direction		
		0 – 127	0 – 50	From Right to Left
		128 – 255	51 – 100	From Left to Right
3	5	Color Combination		
		0 - 12	0 - 4	Random
		13 - 25	5 - 9	Red
		26 - 38	10 - 14	Orange
		39 - 50	15 - 19	Yellow
		51 - 61	20 - 24	Green
		62 - 76	25 - 29	Blue
		77 - 89	30 - 34	Purple
		90 - 101	35 - 39	2800K, G/M=0
		102 - 114	40 - 44	3200K, G/M=0
		115 - 127	45 - 49	4000K, G/M=0
		128 - 140	50 - 54	5600K, G/M=0
		141 - 152	55 - 59	6500K, G/M=0
		153 - 255	60 - 100	Reserved
4	6	255	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
	1 (Hi)	Master Intensity		
	2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

3	Effect Selection			
	0 – 9	0 – 4	No Effect	
	10 – 19	5 – 7	Party	
	20 – 29	8 – 11	Candle	
	30 – 39	12 – 15	Clouds Passing	
	40 – 49	16 – 19	Club	
	50 – 59	20 – 23	Color Chase	
	60 – 69	24 – 27	Explosion	
	70 – 79	28 – 31	Fire	
	80 – 89	32 – 35	Fireworks	
	90 – 99	36 – 39	Flu.Flicker	
	100 – 109	40 – 43	Lightning	
	110 – 119	44 – 47	Paparazzi	
	120 – 129	48 – 51	Police Car	
	130 – 139	52 – 55	Process	
	140 – 149	56 – 58	Pulsing	
	150 – 159	59 – 62	Strobe	
	160 – 169	63 – 66	TV	
	170 – 179	67 – 70	Welding	
	180 – 189	71 – 74	Rotate	
	190 - 255	75 - 100	Reserved for future use (No Effect)	

4			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
	5 (Hi)	Effect Parameter #1		
	6 (Lo)	0 – 65535	0 – 100	Para#1 (Like PARTY , SPEED)
	7 (Hi)	Effect Parameter #2		
	8 (Lo)	0 – 65535	0 – 100	Para #2 (Like PARTY , SATURATION)
	9 (Hi)	Effect Parameter #3		
	10 (Lo)	0 – 65535	0 – 100	Para #3
	11 (Hi)	Effect Parameter #4		
	12 (Lo)	0 – 65535	0 – 100	Para #4
	13 (Hi)	Effect Parameter #5		
	14 (Lo)	0 – 65535	0 – 100	Para #5
	15 (Hi)	Effect Parameter #6		
	16 (Lo)	0 – 65535	0 – 100	Para #6
	17 (Hi)	Effect Parameter #7		
	18 (Lo)	0 – 65535	0 – 100	Para #7
	19 (Hi)	Effect Parameter #8		
	20 (Lo)	0 – 65535	0 – 100	Para #8
	21 (Hi)	Effect Parameter #9		
	22 (Lo)	0 – 65535	0 – 100	Para #9

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
23		Fan control		
		0 – 9	0 – 3	As Fixture Setting
		10 – 49	4 - 19	Quiet Mode
		50 – 99	20 - 39	Auto Mode
		100 - 150	40 - 59	Variable
		151 – 175	60 – 68	Full Speed
		176 - 200	69 – 78	Full Speed but Limited Output 80%
		201 - 225	79 – 88	Full Speed but Limited Output 60%
		226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
		250 – 255	98 – 100	Reserved for future use

24		Call preset function (With the highest operational priority)		
		0 – 9	0 – 3	No Effect
		10 – 19	4 - 7	Call Preset Slot #1
		20 – 29	8 - 11	Call Preset Slot #2
		30 - 39	12 - 15	Call Preset Slot #3
		40 – 49	16 - 19	Call Preset Slot #4
		50 - 59	20 - 23	Call Preset Slot #5
		60 – 69	24 - 27	Call Preset Slot #6
		70 - 79	28 - 31	Call Preset Slot #7
		80 – 89	32 - 35	Call Preset Slot #8
		90 - 99	36- 39	Call Preset Slot #9
		100 – 109	40 - 43	Call Preset Slot #10
		110 - 255	44- 100	No Effect, Reserved for future use

25		Advance Control Mode		
		0 – 19	0 – 7	"Normal" Dimming Mode
		20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
		40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
		60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
		80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
		230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

26				Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Party Effect				
Preset: Ch3: 10-19				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Saturation

Candle				
Preset: Ch3: 20-29				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	Color Temperature		
		0 – 21804	0 – 33	1400 ~ 1700K
		21805 – 43520	34 – 66	1700 ~ 2000K
		43521 – 65535	67 – 100	2000 ~ 2300K

Cloud Passing				
Preset: Ch3: 30-39				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Offset *Number 0 - 50 (Every 500 DMX values is a new Offset)
3	9 (Hi) 10 (Lo)	65535	100	Sync (Jump to "Offset" section)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Club				
Preset: Ch3: 40-49				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi)	Type		
	8 (Lo)	0 - 8191	0 - 12	3 Colors
		8192 - 16383	13 - 24	6 Colors
		16384 - 24575	25 - 37	9 Colors
		24576 - 32767	38 - 49	12 Colors
		32768 - 40959	50 - 62	15 Colors
		40960 - 49151	63 - 74	18 Colors
		49152 - 57343	75 - 87	21 Colors
		57344 - 65535	88 - 100	24 Colors

Color Chase				
Preset: Ch3: 50-59				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Offset *Number 0 - 50 (Every 500 DMX values is a new Offset)
3	9 (Hi) 10 (Lo)	65535	100	Sync (Jump to "Offset" section)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Explosion				
Preset: Ch3: 60-69				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi)	0 - 32767	0 - 49	Auto Explosion Speed (Slow ->Fast)
	6 (Lo)	32768 - 64224	50 - 97	Idle (Manual Operation wait for signal)
		64225- 65535	98 - 100	Manual Trigger
2	7 (Hi) 8 (Lo)	0 - 65535	0 - 100	Decay
3	9 (Hi) 10 (Lo)	0 - 65535	0 - 100	Color Temp. (2700K~10000K)
4	11 (Hi)	Green / Magenta Adjustment		
	12 (Lo)	0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 - 65535	0 - 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 - 65535	0 - 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 - 65535	0 - 100	Adjust Saturation (0~100%)

Fire				
Preset: Ch3: 70-79				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 - 65535	0 - 100	Speed
2	7 (Hi)	Color Temperature		
	8 (Lo)	0 - 21804	0 - 33	Warm
		21805 - 43520	34 - 66	Neutral
		43521 - 65535	67 - 100	Cold

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Fireworks				
Preset: Ch3: 80-89				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	Combination		
		0 – 21804	0 – 33	RGB
		21805 – 43520	34 – 66	White
		43521 – 65535	67 – 100	RGB+White

Flu. Flicker				
Preset: Ch3: 90-99				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Frequency
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi) 12 (Lo)	Green / Magenta Adjustment		
		0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)
8	19 (Hi) 20 (Lo)	65535	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Lightning				
Preset: Ch3: 100-109				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Frequency
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Density
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi)	Green / Magenta Adjustment		
	12 (Lo)	0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)
8	19 (Hi) 20 (Lo)	65535	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Paparazzi				
Preset: Ch3: 110-119				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Frequency
2	7 (Hi) 8 (Lo)	Flash Type		
		0 - 32767	0 – 50	Flash Bulb
		32768 - 65535	51 – 100	Modern Flash
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi) 12 (Lo)	Green / Magenta Adjustment		
		0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)
8	19 (Hi) 20 (Lo)	65535	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Police Car				
Preset: Ch3: 120-129				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi)	Color Combinations		
	6 (Lo)	0 – 6553	0 - 9	Blue
		6554 - 13106	10 - 19	Red
		13107 - 19660	20 - 29	Blue and Red
		19661 - 26214	30 - 39	Blue and White
		26215 - 32767	40 - 49	Amber
		32768 - 39221	50- 59	Blue and Amber
		39222 - 45874	60 - 69	Red and Amber
		45875 - 51772	70 - 79	Blue, Red and White
		51773 - 58981	80 - 89	Blue, Red and Amber
		58982 - 65535	90 - 100	Reserved
2	7 (Hi)	Mode		
	8 (Lo)	0 – 6553	0 - 9	Single Flash
		6554 - 13106	10 - 19	Double Flash
		13107 - 19660	20 - 29	Quint Flash
		19661 - 26214	30 - 39	Quad Flash
		26215 - 32767	40 - 49	Quint All
		32768 - 39221	50- 59	Cycle All
		39222 - 65535	60 - 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Process				
Preset: Ch3: 130-139				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	Direction		
		0 - 32767	0 – 50	From Right to Left
		32768 - 65535	51 – 100	From Left to Right
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi) 12 (Lo)	Green / Magenta Adjustment		
		0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)
8	19 (Hi) 20 (Lo)	65535	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Pulsing				
Preset: Ch3: 140-149				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Frequency
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Span (Pulse Duration)
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi)	Green / Magenta Adjustment		
	12 (Lo)	0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)
8	19 (Hi) 20 (Lo)	65535	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Strobe				
Preset: Ch3: 150-159				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Strobe ON
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Strobe OFF
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi) 12 (Lo)	Green / Magenta Adjustment		
		0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)
8	19 (Hi) 20 (Lo)	65535	100	Sync

TV				
Preset: Ch3: 160-169				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	Color Temperature		
		0 – 21804	0 – 33	Warm
		21805 – 43520	34 – 66	Neutral
		43521 – 65535	67 – 100	Cold

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Welding				
Preset: Ch3: 170-179				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	0 – 65535	0 – 100	Min Intensity Level
3	9 (Hi) 10 (Lo)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4	11 (Hi)	Green / Magenta Adjustment		
	12 (Lo)	0~5000	0~7	neutral / no effect
		5001~10000	8~15	full minus green
		10001~29999	16~46	-99% --> -1%
		30000~40000	47~61	neutral / no effect
		40001~59999	62~92	1% --> 99%
		60000~65535	93~100	full plus green
5	13 (Hi) 14 (Lo)	0 – 65535	0 – 100	Color Change Coefficient White --> Color
6	15 (Hi) 16 (Lo)	0 – 65535	0 – 100	Adjust HUE (0~359)
7	17 (Hi) 18 (Lo)	0 – 65535	0 – 100	Adjust Saturation (0~100%)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 21 : Effects, 16 bit resolution per function

Para.	DMX Channel	Value	Percent	Function
Rotate				
Preset: Ch3: 180-189				
Para.	DMX Channel	Value 16 bit	Percent	Function
1	5 (Hi) 6 (Lo)	0 – 65535	0 – 100	Speed
2	7 (Hi) 8 (Lo)	Direction		
		0 - 32767	0 – 50	From Right to Left
		32768 - 65535	51 – 100	From Left to Right
3	9 (Hi) 10 (Lo)	Color Combination		
		0 - 3276	0 – 4	Random
		3277 - 6553	5 – 9	Red
		6554 - 9830	10 – 14	Orange
		9831 - 13106	15 – 19	Yellow
		13107 - 16383	20 - 24	Green
		16384 - 19660	25 - 29	Blue
		19661 - 22937	30 - 34	Purple
		22938 - 26214	35 - 39	2800K, G/M=0
		26215 - 29490	40 - 44	3200K, G/M=0
		29491 - 32767	45 - 49	4000K, G/M=0
		32768 - 36044	50 - 54	5600K, G/M=0
		36045 - 39321	55- 59	6500K, G/M=0
		39322 - 65535	60 - 100	Reserved
4	11 (Hi) 12 (Lo)	65535	100	Sync

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 22 : 8-bit functional setting of Wall Control CCT/HSI

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust HUE (0~359)
6	0 – 255	0 – 100	Adjust Saturation (0~100%)
7	Strobe Frequency (Light Off Time while activated Strobe)		
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
8	0 - 255	0 - 100	Duration Time (Light On Time while Strobing) 50ms - 5 Sec
9	Pause		
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
10	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type
	128 – 255	51 – 100	Par 64 Lamp Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 22 : 8-bit functional setting of Wall Control CCT/HSI

DMX Channel	Value	Percent	Function
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 22 : 8-bit functional setting of Wall Control CCT/HSI

DMX Channel	Value	Percent	Function
11	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
12	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
13	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
14			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 23 : 8-bit functional setting of Column Control CCT/HSI

DMX Channel	Value	Percent	Function
1	Max. Intensity for Column 1		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2800K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust HUE (0~359)
6	0 – 255	0 – 100	Adjust Saturation (0~100%)
7	Column 1: Strobe Frequency (Light Off Time while activated Strobe)		
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
8	Column 1: Duration Time (Light On Time while Strobing)		
	0 - 255	0 - 100	50ms - 5 Sec
9	Column 1: Pause		
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
10	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type
	128 – 255	51 – 100	Par 64 Lamp Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 23 : 8-bit functional setting of Column Control CCT/HSI

DMX Channel	Value	Percent	Function
11	Max. Intensity for Column 2		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
12	0 – 255	0 – 100	Color Temp. (2800K~10000K)
13	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
14	0 – 255	0 – 100	Color Change Coefficient White --> Color
15	0 – 255	0 – 100	Adjust HUE (0~359)
16	0 – 255	0 – 100	Adjust Saturation (0~100%)
17			Column 2: Strobe Frequency (Light Off Time while activated Strobe)
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
18	0 - 255	0 - 100	Column 2: Duration Time (Light On Time while Strobing) 50ms - 5 Sec
19			Column 2: Pause
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
20	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 23 : 8-bit functional setting of Column Control CCT/HSI

DMX Channel	Value	Percent	Function
	128 – 255	51 – 100	Par 64 Lamp Type
21	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
22	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
23	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 23 : 8-bit functional setting of Column Control CCT/HSI

DMX Channel	Value	Percent	Function
24			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 24 : 8-bit functional setting of Row Control CCT/HSI

DMX Channel	Value	Percent	Function
1	Max. Intensity for Row 1		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2800K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust HUE (0~359)
6	0 – 255	0 – 100	Adjust Saturation (0~100%)
7	Row 1: Strobe Frequency (Light Off Time while activated Strobe)		
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
8	Row 1: Duration Time (Light On Time while Strobing)		
	0 - 255	0 - 100	50ms - 5 Sec
9	Row 1: Pause		
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
10	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type
	128 – 255	51 – 100	Par 64 Lamp Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 24 : 8-bit functional setting of Row Control CCT/HSI

DMX Channel	Value	Percent	Function
11	Max. Intensity for Row 2		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
12	0 – 255	0 – 100	Color Temp. (2800K~10000K)
13	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
14	0 – 255	0 – 100	Color Change Coefficient White --> Color
15	0 – 255	0 – 100	Adjust HUE (0~359)
16	0 – 255	0 – 100	Adjust Saturation (0~100%)
17			Row 2: Strobe Frequency (Light Off Time while activated Strobe)
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
18			Row 2: Duration Time (Light On Time while Strobing)
	0 - 255	0 - 100	50ms - 5 Sec
19			Row 2: Pause
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
20	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 24 : 8-bit functional setting of Row Control CCT/HSI

DMX Channel	Value	Percent	Function
	128 – 255	51 – 100	Par 64 Lamp Type
21	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
22	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
23	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 24 : 8-bit functional setting of Row Control CCT/HSI

DMX Channel	Value	Percent	Function
24			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 25 : 8-bit functional setting of Individual Control CCT/HSI

DMX Channel	Value	Percent	Function
1	Max. Intensity for Lamphead1		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2800K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust HUE (0~359)
6	0 – 255	0 – 100	Adjust Saturation (0~100%)
7	Lamphead1: Strobe Frequency (Light Off Time while activated Strobe)		
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
8	0 - 255	0 - 100	Lamphead1: Duration Time (Light On Time while Strobing) 50ms - 5 Sec
9	Lamphead1: Pause		
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
10	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type
	128 – 255	51 – 100	Par 64 Lamp Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 25 : 8-bit functional setting of Individual Control CCT/HSI

DMX Channel	Value	Percent	Function
11	Max. Intensity for Lamphead2		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
12	0 – 255	0 – 100	Color Temp. (2800K~10000K)
13	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
14	0 – 255	0 – 100	Color Change Coefficient White --> Color
15	0 – 255	0 – 100	Adjust HUE (0~359)
16	0 – 255	0 – 100	Adjust Saturation (0~100%)
17			Lamphead2: Strobe Frequency (Light Off Time while activated Strobe)
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
18			Lamphead2: Duration Time (Light On Time while Strobing)
	0 - 255	0 - 100	50ms - 5 Sec
19			Lamphead2: Pause
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
20	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 25 : 8-bit functional setting of Individual Control CCT/HSI

DMX Channel	Value	Percent	Function
	128 – 255	51 – 100	Par 64 Lamp Type
21			Max. Intensity for Lamphead3
	0 – 255	0 – 100	0 % (closed) → 100% (open)
22	0 – 255	0 – 100	Color Temp. (2800K~10000K)
			Green / Magenta Adjustment
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
23	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
24	0 – 255	0 – 100	Color Change Coefficient White --> Color
25	0 – 255	0 – 100	Adjust HUE (0~359)
26	0 – 255	0 – 100	Adjust Saturation (0~100%)
27			Lamphead3: Strobe Frequency (Light Off Time while activated Strobe)
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
28	0 - 255	0 - 100	Lamphead3: Duration Time (Light On Time while Strobing) 50ms - 5 Sec
29			Lamphead3: Pause
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec
30			Light Source Strobe Type

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 25 : 8-bit functional setting of Individual Control CCT/HSI

DMX Channel	Value	Percent	Function
	0 – 127	0 – 50	LED Type
	128 – 255	51 – 100	Par 64 Lamp Type
31	Max. Intensity for Lamphead 4		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
32	0 – 255	0 – 100	Color Temp. (2800K~10000K)
33	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
34	0 – 255	0 – 100	Color Change Coefficient White --> Color
35	0 – 255	0 – 100	Adjust HUE (0~359)
36	0 – 255	0 – 100	Adjust Saturation (0~100%)
37	Lamphead 4: Strobe Frequency (Light Off Time while activated Strobe)		
	0 - 26	0 - 10	No Effect (Always On, No strobe) (If set in this region, Duration and Pause settings will not be considered because they are always on)
	27 - 255	11 - 255	50ms - 5 Sec
38	0 - 255	0 - 100	Lamphead 4: Duration Time (Light On Time while Strobing) 50ms - 5 Sec
39	Lamphead 4: Pause		
	0 - 26	0 - 10	0, No Pause
	27 - 255	11 - 100	50ms - 5 Sec

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 25 : 8-bit functional setting of Individual Control CCT/HSI

DMX Channel	Value	Percent	Function
40	Light Source Strobe Type		
	0 – 127	0 – 50	LED Type
	128 – 255	51 – 100	Par 64 Lamp Type
41	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
42	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
43	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 25 : 8-bit functional setting of Individual Control CCT/HSI

DMX Channel	Value	Percent	Function
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
44			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 26 : 8-bit functional setting of Professional Column Control CCT/RGBW

DMX Channel	Value	Percent	Function
1	Max. Intensity for Column 1		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2800K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust Red Color intensity
6	0 – 255	0 – 100	Adjust Green Color intensity
7	0 – 255	0 – 100	Adjust Blue Color intensity
8	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 26 : 8-bit functional setting of Professional Column Control CCT/RGBW

DMX Channel	Value	Percent	Function
9	Max. Intensity for Column 2		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
10	0 – 255	0 – 100	Color Temp. (2800K~10000K)
11	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
12	0 – 255	0 – 100	Color Change Coefficient White --> Color
13	0 – 255	0 – 100	Adjust Red Color intensity
14	0 – 255	0 – 100	Adjust Green Color intensity
15	0 – 255	0 – 100	Adjust Blue Color intensity
16	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 26 : 8-bit functional setting of Professional Column Control CCT/RGBW

DMX Channel	Value	Percent	Function
17	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
18	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
19	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
20			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 27 : 8-bit functional setting of Professional Row Control CCT/RGBW

DMX Channel	Value	Percent	Function
1	Max. Intensity for Row 1		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2800K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust Red Color intensity
6	0 – 255	0 – 100	Adjust Green Color intensity
7	0 – 255	0 – 100	Adjust Blue Color intensity
8	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 27 : 8-bit functional setting of Professional Row Control CCT/RGBW

DMX Channel	Value	Percent	Function
9	Max. Intensity for Row 2		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
10	0 – 255	0 – 100	Color Temp. (2800K~10000K)
11	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
12	0 – 255	0 – 100	Color Change Coefficient White --> Color
13	0 – 255	0 – 100	Adjust Red Color intensity
14	0 – 255	0 – 100	Adjust Green Color intensity
15	0 – 255	0 – 100	Adjust Blue Color intensity
16	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 27 : 8-bit functional setting of Professional Row Control CCT/RGBW

DMX Channel	Value	Percent	Function
17	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
18	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
19	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
20			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 28 : 8-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
1	Max. Intensity for Lamphead 1		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2800K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust Red Color intensity
6	0 – 255	0 – 100	Adjust Green Color intensity
7	0 – 255	0 – 100	Adjust Blue Color intensity
8	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 28 : 8-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
9	Max. Intensity for Lamphead 2		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
10	0 – 255	0 – 100	Color Temp. (2800K~10000K)
11	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
12	0 – 255	0 – 100	Color Change Coefficient White --> Color
13	0 – 255	0 – 100	Adjust Red Color intensity
14	0 – 255	0 – 100	Adjust Green Color intensity
15	0 – 255	0 – 100	Adjust Blue Color intensity
16	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 28 : 8-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
17	Max. Intensity for Lamphead 3		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
18	0 – 255	0 – 100	Color Temp. (2800K~10000K)
19	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
20	0 – 255	0 – 100	Color Change Coefficient White --> Color
21	0 – 255	0 – 100	Adjust Red Color intensity
22	0 – 255	0 – 100	Adjust Green Color intensity
23	0 – 255	0 – 100	Adjust Blue Color intensity
24	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 28 : 8-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
25	Max. Intensity for Lamphead 4		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
26	0 – 255	0 – 100	Color Temp. (2800K~10000K)
27	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
28	0 – 255	0 – 100	Color Change Coefficient White --> Color
29	0 – 255	0 – 100	Adjust Red Color intensity
30	0 – 255	0 – 100	Adjust Green Color intensity
31	0 – 255	0 – 100	Adjust Blue Color intensity
32	0 – 255	0 – 100	Adjust White Color intensity

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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V2 Max 9C 0x1911

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Mega 900C / 1200C 0x2304

Mode 28 : 8-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
33	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
34	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
35	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
36			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 29 : 16-bit functional setting of Professional Column Control CCT/RGBW

DMX Channel	Value	Percent	Function
1 (Hi)	Max. Intensity for Column 1		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	Color Temp.		
4 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (Hi)	Color Change Coefficient		
8 (Lo)	0 – 65535	0 – 100	White --> Color
9 (Hi)	Adjust Red Color intensity		
10 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
11 (Hi)	Adjust Green Color intensity		
12 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
13 (Hi)	Adjust Blue Color intensity		
14 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
15 (Hi)	Adjust White Color intensity		
16 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 29 : 16-bit functional setting of Professional Column Control CCT/RGBW

DMX Channel	Value	Percent	Function
17 (Hi)	Max. Intensity for Column 2		
18 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
19 (Hi)	Color Temp.		
20 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
21 (Hi)	Green / Magenta Adjustment		
22 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
23 (Hi)	Color Change Coefficient		
24 (Lo)	0 – 65535	0 – 100	White --> Color
25 (Hi)	Adjust Red Color intensity		
26 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
27 (Hi)	Adjust Green Color intensity		
28 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
29 (Hi)	Adjust Blue Color intensity		
30 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
31 (Hi)	Adjust White Color intensity		
32 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 29 : 16-bit functional setting of Professional Column Control CCT/RGBW

DMX Channel	Value	Percent	Function
33	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
34	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
35	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
36			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 30 : 16-bit functional setting of Professional Row Control CCT/RGBW

DMX Channel	Value	Percent	Function
1 (Hi)	Max. Intensity for Row 1		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	Color Temp.		
4 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (Hi)	Color Change Coefficient		
8 (Lo)	0 – 65535	0 – 100	White --> Color
9 (Hi)	Adjust Red Color intensity		
10 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
11 (Hi)	Adjust Green Color intensity		
12 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
13 (Hi)	Adjust Blue Color intensity		
14 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
15 (Hi)	Adjust White Color intensity		
16 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 30 : 16-bit functional setting of Professional Row Control CCT/RGBW

DMX Channel	Value	Percent	Function
17 (Hi)	Max. Intensity for Row 2		
18 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
19 (Hi)	Color Temp.		
20 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
21 (Hi)	Green / Magenta Adjustment		
22 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
23 (Hi)	Color Change Coefficient		
24 (Lo)	0 – 65535	0 – 100	White --> Color
25 (Hi)	Adjust Red Color intensity		
26 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
27 (Hi)	Adjust Green Color intensity		
28 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
29 (Hi)	Adjust Blue Color intensity		
30 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
31 (Hi)	Adjust White Color intensity		
32 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 30 : 16-bit functional setting of Professional Row Control CCT/RGBW

DMX Channel	Value	Percent	Function
33	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
34	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
35	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
36			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 31 : 16-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
1 (Hi)	Max. Intensity for Lamphead 1		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	Color Temp.		
4 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (Hi)	Color Change Coefficient		
8 (Lo)	0 – 65535	0 – 100	White --> Color
9 (Hi)	Adjust Red Color intensity		
10 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
11 (Hi)	Adjust Green Color intensity		
12 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
13 (Hi)	Adjust Blue Color intensity		
14 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
15 (Hi)	Adjust White Color intensity		
16 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 31 : 16-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
17 (Hi)	Max. Intensity for Lamphead 2		
18 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
19 (Hi)	Color Temp.		
20 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
21 (Hi)	Green / Magenta Adjustment		
22 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
23 (Hi)	Color Change Coefficient		
24 (Lo)	0 – 65535	0 – 100	White --> Color
25 (Hi)	Adjust Red Color intensity		
26 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
27 (Hi)	Adjust Green Color intensity		
28 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
29 (Hi)	Adjust Blue Color intensity		
30 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
31 (Hi)	Adjust White Color intensity		
32 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 31 : 16-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
33 (Hi)	Max. Intensity for Lamphead 3		
34 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
35 (Hi)	Color Temp.		
36 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
37 (Hi)	Green / Magenta Adjustment		
38 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
39 (Hi)	Color Change Coefficient		
40 (Lo)	0 – 65535	0 – 100	White --> Color
41 (Hi)	Adjust Red Color intensity		
42 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
43 (Hi)	Adjust Green Color intensity		
44 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
45 (Hi)	Adjust Blue Color intensity		
46 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
47 (Hi)	Adjust White Color intensity		
48 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 31 : 16-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
49 (Hi)	Max. Intensity for Lamphead 4		
50 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
51 (Hi)	Color Temp.		
52 (Lo)	0 – 65535	0 – 100	(2800K~10000K)
53 (Hi)	Green / Magenta Adjustment		
54 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
55 (Hi)	Color Change Coefficient		
56 (Lo)	0 – 65535	0 – 100	White --> Color
57 (Hi)	Adjust Red Color intensity		
58 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
59 (Hi)	Adjust Green Color intensity		
60 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
61 (Hi)	Adjust Blue Color intensity		
62 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
63 (Hi)	Adjust White Color intensity		
64 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 31 : 16-bit functional setting of Professional Individual Control CCT/RGBW

DMX Channel	Value	Percent	Function
65	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Turn Off
66	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
67	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
68			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2 - 11	0 – 255	0 – 100	Color Parameter #1 ~ #10
12	Mode Selection		
	0 - 12	0 - 4	#1 CCT
	13 - 25	5 - 9	#2 HSI
	26 - 38	10 - 14	#3 RGBW
	39 - 50	15 - 19	#4 x y Coordinate Mode
	51 - 61	20 - 24	#5 CCT / HSI
	62 - 76	25 - 29	#6 CCT / RGBW
	77 - 89	30 - 34	#7 CCT / x y Coordinate Mode
	90 - 101	35 - 39	#8 GEL
	102 - 114	40 - 44	#9 Effect
	115 - 255	45 - 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#1 CCT Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
12	Mode Selection		
	0 – 12	0 – 4	#1 CCT

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#2 HSI Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Adjust HUE (0~359)
3	0 – 255	0 – 100	Adjust Saturation (0~100%)
12	Mode Selection		
	13 – 25	5 – 9	#2 H S I

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#3 RGBW Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Adjust Red Color intensity
3	0 – 255	0 – 100	Adjust Green Color intensity
4	0 – 255	0 – 100	Adjust Blue Color intensity
5	0 – 255	0 – 100	Adjust White Color intensity
12	Mode Selection		
	26 - 38	10 - 14	#3 RGBW

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#4 x y Coordinate Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	x Coordinate (0.0 – 0.8)
3	0 – 255	0 – 100	y Coordinate (0.0 – 0,8)
12	Mode Selection		
	39 – 50	15 - 19	#4 x y Coordinate Mode

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#5 CCT/ HSI Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust HUE (0~359)
6	0 – 255	0 – 100	Adjust Saturation (0~100%)
12	Mode Selection		
	51 - 63	20 - 24	#5 CCT / HSI

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#6 CCT / RGBW Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	Adjust Red Color intensity
6	0 – 255	0 – 100	Adjust Green Color intensity
7	0 – 255	0 – 100	Adjust Blue Color intensity
8	0 – 255	0 – 100	Adjust White Color intensity
12	Mode Selection		
	64 - 76	25 - 29	#6 CCT / RGBW

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#7 CCT/ xy Coordinate Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	0 – 255	0 – 100	Color Temp. (2700K~10000K)
3	Green / Magenta Adjustment		
	0~10	0~4	neutral / no effect
	11~20	5~8	full minus green
	21~119	9~46	-99% --> -1%
	120~145	47~57	neutral / no effect
	146~244	58~96	1% --> 99%
	245~255	97~100	full plus green
4	0 – 255	0 – 100	Color Change Coefficient White --> Color
5	0 – 255	0 – 100	x Coordinate (0.0 – 0.8)
6	0 – 255	0 – 100	y Coordinate (0.0 – 0.8)
12	Mode Selection		
	77 - 89	30 - 34	#7 CCT / x y Coordinate Mode

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#8 Gel Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	CCT Selection		
	0 – 127	0 – 50	3.200 K
	128 – 255	51 – 100	5.600 K
3	Filter Class		
	0 – 12	0 – 4	CTB under Color Correction
	13 – 25	5 – 9	CTO under Color Correction
	26 – 38	10 – 14	CTS under Color Correction
	39 – 50	15 – 19	+/- Green under Color Correction
	51 – 61	20 – 24	Misc under Color Correction
	62 – 127	25 – 49	Reserved
	128 – 140	50 – 54	Red under Color Filter
	141 – 152	55 – 59	Orange under Color Filter
	153 – 165	60 – 64	Yellow under Color Filter
	166 – 178	65 – 69	Green under Color Filter
	179 – 191	70 – 74	Blue under Color Filter
	192 – 203	75 – 79	Purple under Color Filter
	204 – 255	80 – 100	Reserved
4	0 – 255	0 – 100	Filter Code (Please refer Mode 16 for detail filter code)
12	Mode Selection		
	90 - 101	35 - 39	#8 GEL

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
#9 Effect Mode			
1	Master Intensity		
	0 – 255	0 – 100	0 % (closed) → 100% (open)
2	Effect Selection		
	0 – 9	0 – 4	No Effect
	10 – 19	5 – 7	Party
	20 – 29	8 – 11	Candle
	30 – 39	12 – 15	Clouds Passing
	40 – 49	16 – 19	Club
	50 – 59	20 – 23	Color Chase
	60 – 69	24 – 27	Explosion
	70 – 79	28 – 31	Fire
	80 – 89	32 – 35	Fireworks
	90 – 99	36 – 39	Flu.Flicker
	100 – 109	40 – 43	Lightning
	110 – 119	44 – 47	Paparazzi
	120 – 129	48 – 51	Police Car
	130 – 139	52 – 55	Process
	140 – 149	56 – 58	Pulsing
	150 – 159	59 – 62	Strobe
	160 – 169	63 – 66	TV
	170 – 179	67 – 70	Welding
	180 – 189	71 – 74	Rotate
	190 - 255	75 - 100	Reserved for future use (No Effect)

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
3	0 – 255	0 – 100	Effect Parameter 1 (Please refer Mode 20 for detail setting)
4	0 – 255	0 – 100	Effect Parameter 2 (Please refer Mode 20 for detail setting)
5	0 – 255	0 – 100	Effect Parameter 3 (Please refer Mode 20 for detail setting)
6	0 – 255	0 – 100	Effect Parameter 4 (Please refer Mode 20 for detail setting)
7	0 – 255	0 – 100	Effect Parameter 5 (Please refer Mode 20 for detail setting)
8	0 – 255	0 – 100	Effect Parameter 6 (Please refer Mode 20 for detail setting)
9	0 – 255	0 – 100	Effect Parameter 7 (Please refer Mode 20 for detail setting)
10	0 – 255	0 – 100	Effect Parameter 8 (Please refer Mode 20 for detail setting)
11	0 – 255	0 – 100	Effect Parameter 9 (Please refer Mode 20 for detail setting)
12	Mode Selection		
	102 - 114	40 - 44	#9 Effect

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 32 :Ultimate DMX Protocol, 8 bit resolution per function

DMX Channel	Value	Percent	Function
13	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use
14	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use
15	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"
16			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)

3 - 22	0 – 65535	0 – 100	Color Parameter #1 - 11
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23	Mode Selection		
	0 - 12	0 - 4	#1 CCT
	13 - 25	5 - 9	#2 HSI
	26 - 38	10 - 14	#3 RGBW
	39 - 50	15 - 19	#4 x y Coordinate Mode
	51 - 61	20 - 24	#5 CCT / HSI
	62 - 76	25 - 29	#6 CCT / RGBW
	77 - 89	30 - 34	#7 CCT / x y Coordinate Mode
	90 - 101	35 - 39	#8 GEL
	102 - 114	40 - 44	#9 Effect
	115 - 255	45 - 100	Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#1 CCT Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 – 65535	0 – 100	Color Temp. (2700K~10000K)
4 (Lo)			
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
23	0 – 12	Mode Selection	
		0 – 4	#1 CCT

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#2 HSI Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 –65535	0 – 100	Adjust HUE (0~359)
4 (Lo)			
5 (Hi)	0 –65535	0 – 100	Adjust Saturation (0~100%)
6 (Lo)			
23	Mode Selection		
	13 – 25	5 – 9	#2 H S I

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#3 RGBW Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 – 65535	0 – 100	Adjust Red Color intensity
4 (Lo)			
5 (Hi)	0 – 65535	0 – 100	Adjust Green Color intensity
6 (Lo)			
7 (Hi)	0 – 65535	0 – 100	Adjust Blue Color intensity
8 (Lo)			
9 (Hi)	0 – 65535	0 – 100	Adjust White Color intensity
10 (Lo)			
23	Mode Selection		
	26 - 38	10 - 14	#3 RGBW

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#4 x y Coordinate Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 –65535	0 – 100	x Coordinate (0.0 – 0.8)
4 (Lo)			
5 (Hi)	0 –65535	0 – 100	y Coordinate (0.0 – 0,8)
6 (Lo)			
23	Mode Selection		
	39 – 50	15 - 19	#4 x y Coordinate Mode

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#5 CCT/ HSI Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 –65535	0 – 100	Color Temp. (2700K~10000K)
4 (Lo)			
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (Hi)	0 –65535	0 – 100	Color Change Coefficient White --> Color
8 (Lo)			
9 (Hi)	0 –65535	0 – 100	Adjust HUE (0~359)
10 (Lo)			
11 (Hi)	0 –65535	0 – 100	Adjust Saturation (0~100%)
12 (Lo)			
23	Mode Selection		
	51 - 63	20 - 24	#5 CCT / HSI

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#6 CCT / RGBW Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 –65535	0 – 100	Color Temp. (2700K~10000K)
4 (Lo)			
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (Hi)	0 –65535	0 – 100	Color Change Coefficient White --> Color
8 (Lo)			
9 (Hi)	0 –65535	0 – 100	Adjust Red Color intensity
10 (Lo)			
11 (Hi)	0 –65535	0 – 100	Adjust Green Color intensity
12 (Lo)			
13 (Hi)	0 –65535	0 – 100	Adjust Blue Color intensity
14 (Lo)			
15 (Hi)	0 –65535	0 – 100	Adjust White Color intensity
16 (Lo)			
23	Mode Selection		
	64 - 76	25 - 29	#6 CCT / RGBW

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#7 CCT/ xy Coordinate Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	0 –65535	0 – 100	Color Temp. (2700K~10000K)
4 (Lo)			
5 (Hi)	Green / Magenta Adjustment		
6 (Lo)	0~5000	0~7	neutral / no effect
	5001~10000	8~15	full minus green
	10001~29999	16~46	-99% --> -1%
	30000~40000	47~61	neutral / no effect
	40001~59999	62~92	1% --> 99%
	60000~65535	93~100	full plus green
7 (Hi)	0 –65535	0 – 100	Color Change Coefficient White --> Color
8 (Lo)			
9 (Hi)	0 –65535	0 – 100	x Coordinate (0.0 – 0.8)
10 (Lo)			
11 (Hi)	0 –65535	0 – 100	y Coordinate (0.0 – 0,8)
12 (Lo)			
23	Mode Selection		
	77 - 89	30 - 34	#7 CCT / x y Coordinate Mode

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#8 Gel Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3 (Hi)	CCT Selection		
4 (Lo)	0- 32767	0 – 50	3.200 K
	32768 - 65535	51 – 100	5.600 K
5 (Hi)	Filter Class		
6 (Lo)	0 – 3327	0 – 4	CTB under Color Correction
	3328 – 6555	5 – 9	CTO under Color Correction
	6556 – 9983	10 – 14	CTS under Color Correction
	9984 – 13055	15 – 19	+/- Green under Color Correction
	13056 – 15871	20 – 24	Misc under Color Correction
	15872 – 32767	25 – 49	Reserved
	32768 – 36095	50 – 54	Red under Color Filter
	36096 – 39167	55 – 59	Orange under Color Filter
	39168 – 42495	60 – 64	Yellow under Color Filter
	42496 – 45823	65 – 69	Green under Color Filter
	45824 – 49151	70 – 74	Blue under Color Filter
	49152 – 52223	75 – 79	Purple under Color Filter
	52224 – 65535	80 –100	Reserved
7 (Hi)	0 – 65535	0 – 100	Filter Code (Please refer Mode 17 for detail filter code)
8 (Lo)			
23	Mode Selection		
	90 - 101	35 - 39	#8 GEL

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
#9 Effect Mode			
1 (Hi)	Master Intensity		
2 (Lo)	0 – 65535	0 – 100	0 % (closed) → 100% (open)
3	Effect Selection		
	0 – 9	0 – 4	No Effect
	10 – 19	5 – 7	Party
	20 – 29	8 – 11	Candle
	30 – 39	12 – 15	Clouds Passing
	40 – 49	16 – 19	Club
	50 – 59	20 – 23	Color Chase
	60 – 69	24 – 27	Explosion
	70 – 79	28 – 31	Fire
	80 – 89	32 – 35	Fireworks
	90 – 99	36 – 39	Flu.Flicker
	100 – 109	40 – 43	Lightning
	110 – 119	44 – 47	Paparazzi
	120 – 129	48 – 51	Police Car
	130 – 139	52 – 55	Process
	140 – 149	56 – 58	Pulsing
	150 – 159	59 – 62	Strobe
	160 – 169	63 – 66	TV
	170 – 179	67 – 70	Welding
	180 – 189	71 – 74	Rotate
	190 - 255	75 - 100	Reserved for future use (No Effect)
4			Reserved for future use

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

Manufacture ID: 0x4142

Model ID: Max4C 0x1905

V2 Max 9C 0x1911

SP V2 700C 0x1304

Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
5 (Hi)	Effect Parameter #1		
6 (Lo)	0 – 65535	0 – 100	Para#1 (Please refer Mode 21 for detail setting)
7 (Hi)	Effect Parameter #2		
8 (Lo)	0 – 65535	0 – 100	Para #2 (Please refer Mode 21 for detail setting)
9 (Hi)	Effect Parameter #3		
10 (Lo)	0 – 65535	0 – 100	Para #3 (Please refer Mode 21 for detail setting)
11 (Hi)	Effect Parameter #4		
12 (Lo)	0 – 65535	0 – 100	Para #4 (Please refer Mode 21 for detail setting)
13 (Hi)	Effect Parameter #5		
14 (Lo)	0 – 65535	0 – 100	Para #5 (Please refer Mode 21 for detail setting)
15 (Hi)	Effect Parameter #6		
16 (Lo)	0 – 65535	0 – 100	Para #6 (Please refer Mode 21 for detail setting)
17 (Hi)	Effect Parameter #7		
18 (Lo)	0 – 65535	0 – 100	Para #7 (Please refer Mode 21 for detail setting)
19 (Hi)	Effect Parameter #8		
20 (Lo)	0 – 65535	0 – 100	Para #8 (Please refer Mode 21 for detail setting)
21 (Hi)	Effect Parameter #9		
22 (Lo)	0 – 65535	0 – 100	Para #9 (Please refer Mode 21 for detail setting)
23	Mode Selection		
	102 - 114	40 - 44	#9 Effect

Filmgear LED Lights DMX Chart for 2x2 Pixels

V0.8.0 or +

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Zenith 900C / 1300C 0x1E02

Mega 900C / 1200C 0x2304

Mode 33 :Ultimate DMX Protocol, 16 bit resolution per function

DMX Channel	Value	Percent	Function
24	Fan control		
	0 – 9	0 – 3	As Fixture Setting
	10 – 49	4 - 19	Quiet Mode
	50 – 99	20 - 39	Auto Mode
	100 - 150	40 - 59	Variable
	151 – 175	60 – 68	Full Speed
	176 - 200	69 – 78	Full Speed but Limited Output 80%
	201 - 225	79 – 88	Full Speed but Limited Output 60%
	226 - 249	89 – 97	Silent Mode (Limite Output to 80%)
	250 – 255	98 – 100	Reserved for future use

25	Call preset function (With the highest operational priority)		
	0 – 9	0 – 3	No Effect
	10 – 19	4 - 7	Call Preset Slot #1
	20 – 29	8 - 11	Call Preset Slot #2
	30 - 39	12 - 15	Call Preset Slot #3
	40 – 49	16 - 19	Call Preset Slot #4
	50 - 59	20 - 23	Call Preset Slot #5
	60 – 69	24 - 27	Call Preset Slot #6
	70 - 79	28 - 31	Call Preset Slot #7
	80 – 89	32 - 35	Call Preset Slot #8
	90 - 99	36- 39	Call Preset Slot #9
	100 – 109	40 - 43	Call Preset Slot #10
	110 - 255	44- 100	No Effect, Reserved for future use

26	Advance Control Mode		
	0 – 19	0 – 7	"Normal" Dimming Mode
	20 – 39	8 - 15	Hold 3 sec. and keep to activate the Stage Mode
	40 – 59	16 - 23	Hold 3 sec. and keep to activate the Tungsten Mode
	60 - 79	24 - 31	Hold 3 sec. and keep to activate the High Speed Mode
	80 – 229	32 - 89	No Effect, Reserved for future use (Performed Normal Mode at this moment)
	230 - 255	90 – 100	Normal Mode; Turn OFF "ALL Special Mode"

27			Reserved for future use
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