DMX CHART

Prolights ECL Cyclorama 100

Prepared by Krank'd · krankd.com.au

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1 Ch · 2 Ch · 4 Ch "1" · 5 Ch "1" · 6 Ch · 10 Ch · 15 Ch · 17 Ch · 21 Ch · 4 Ch "2" · 6 Ch "2" · 10 Ch "2" · 15 Ch "2" · 12 Ch · 20 Ch · XY

THEATRE: 1 Ch

1 CH	VALUE	FUNCTION
1	000–255	**Dimmer** · 0–100%

THEATRE: 2 Ch

2 CH	VALUE	FUNCTION
1	000–255	**Dimmer** · 0–100%
2		**Dimmer speed mode**
	000–051	Preset dimmer speed from display menu
	052–101	Dimmer speed mode off
	102–152	Dimmer speed mode1 (fast speed)
	153–203	Dimmer speed mode2 (middle speed)
	204–255	Dimmer speed mode3 (slow speed)

THEATRE: 4 Ch "1"

4 CH "1"	VALUE	FUNCTION
1	000–255	**Dimmer** · 0–100%
2		**CCT**
	000–031	2800K–3200K
	032–063	3200K–3500K
	064–095	3500K–4000K
	096–127	4000K–4500K
	128–159	4500K–5000K
	160–191	5000K–5600K
	192–223	5600K–6000K
	224–255	6000K–6500K
3		**Hue**
	000	0
	001–255	-25° +25°
4		**Dimmer speed mode**
	000–051	Preset dimmer speed from display menu
	052–101	Dimmer speed mode off
	102–152	Dimmer speed mode1 (fast speed)
	153–203	Dimmer speed mode2 (middle speed)
	204–255	Dimmer speed mode3 (slow speed)

THEATRE: 5 Ch "1"

5 CH "1"	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2		**CCT**
	000-031	2800K–3200K
	032-063	3200K–3500K
	064-095	3500K–4000K
	096-127	4000K–4500K
	128-159	4500K–5000K
	160-191	5000K–5600K
	192-223	5600K–6000K
	224-255	6000K–6500K
3		**Hue**
	000	0
	001-255	-25° +25°
4		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast
5		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed mode1 (fast speed)
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)

THEATRE: 6 Ch

6 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2		**CCT**
	000-031	2800K–3200K
	032-063	3200K–3500K
	064-095	3500K–4000K
	096-127	4000K–4500K
	128-159	4500K–5000K
	160-191	5000K–5600K
	192-223	5600K–6000K
	224-255	6000K–6500K
3		**Hue**
	000	0
	001-255	-25° +25°
4		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast

6 CH	VALUE	FUNCTION
5		**Color macro**
	000-002	No Function
	003-005	Amber Shift on
	006-255	Color Macro
6		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed mode1 (fast speed)
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)

THEATRE: 10 Ch

10 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Red** · 0-100%
3	000-255	**Green** · 0-100%
4	000-255	**Blue** · 0-100%
5	000-255	**White** · 0-100%
6		**CCT**
	000-030	2800K-3200K
	031-060	3200K-3500K
	061-090	3500K-4000K
	091-120	4000K-4500K
	121-150	4500K-5000K
	151-180	5000K-5600K
	181-210	5600K-6000K
	211-240	6000K-6500K
	241-255	Color Mix
7		**Hue**
	000	0
	001-255	-25° +25°
8		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast
9		**Color macro**
	000-002	No Function
	003-005	Amber Shift on
	006-255	Color Macro
10		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed mode1 (fast speed)

10 CH	VALUE	FUNCTION
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)

THEATRE: 15 Ch

15 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Dimmer fine** · 0-100%
3	000-255	**Red** · 0-100%
4	000-255	**Red fine** · 0-100%
5	000-255	**Green** · 0-100%
6	000-255	**Green fine** · 0-100%
7	000-255	**Blue** · 0-100%
8	000-255	**Blue fine** · 0-100%
9	000-255	**White** · 0-100%
10	000-255	**White fine** · 0-100%
11		**CCT**
	000-030	2800K-3200K
	031-060	3200K-3500K
	061-090	3500K-4000K
	091-120	4000K-4500K
	121-150	4500K-5000K
	151-180	5000K-5600K
	181-210	5600K-6000K
	211-240	6000K-6500K
	241-255	Color Mix
12		**Hue**
	000	0
	001-255	-25° +25°
13		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast
14		**Color macro**
	000-002	No Function
	003-005	Amber Shift on
	006-255	Color Macro
15		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed mode1 (fast speed)
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)

THEATRE: 17 Ch

17 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Dimmer fine** · 0-100%
3		**Strobe**
	000-030	No Function (shutter open)
	031-100	Strobe effect slow to fast
	101-130	No Function (shutter open)
	131-200	Random strobe effect slow to fast
	201-255	No Function (shutter open)
4		**CCT**
	000-031	2800K–3200K
	032-063	3200K–3500K
	064-095	3500K–4000K
	096-127	4000K–4500K
	128-159	4500K–5000K
	160-191	5000K–5600K
	192-223	5600K–6000K
	224-255	6000K–6500K
5		**Hue**
	000-126	25 to 0
	127	0
	128-255	0 to +25
6	000-255	**Xfade from CCT to color** · 0-100%
7	000-255	**Red** · 0-100%
8	000-255	**Red fine** · 0-100%
9	000-255	**Green** · 0-100%
10	000-255	**Green fine** · 0-100%
11	000-255	**Blue** · 0-100%
12	000-255	**Blue fine** · 0-100%
13	000-255	**White** · 0-100%
14	000-255	**White fine** · 0-100%
15		**Color macro**
	000-002	No Function
	003-005	Amber Shift on
	006-255	Color Macro
16	000-255	**CTO on colors** · 0-100%
17		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed mode1 (fast speed)
	153-203	Dimmer speed mode2 (middle speed)

17 CH	VALUE	FUNCTION
	204-255	Dimmer speed mode3 (slow speed)

THEATRE: 21 Ch

21 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Dimmer fine** · 0-100%
3		**Strobe**
	000-030	No Function (shutter open)
	031-100	Strobe effect slow to fast
	101-130	No Function (shutter open)
	131-200	Random strobe effect slow to fast
	201-255	No Function (shutter open)
4		**CCT**
	000-031	2800K–3200K
	032-063	3200K–3500K
	064-095	3500K–4000K
	096-127	4000K–4500K
	128-159	4500K–5000K
	160-191	5000K–5600K
	192-223	5600K–6000K
	224-255	6000K–6500K
5		**Hue**
	000-126	25 to 0
	127	0
	128-255	0 to +25
6	000-255	**Xfade from CCT to color** · 0-100%
7	000-255	**Red** · 0-100%
8	000-255	**Red fine** · 0-100%
9	000-255	**Green** · 0-100%
10	000-255	**Green fine** · 0-100%
11	000-255	**Blue** · 0-100%
12	000-255	**Blue fine** · 0-100%
13	000-255	**White** · 0-100%
14	000-255	**White fine** · 0-100%
15		**Color macro (21 Ch)**
	000-001	Open
	002-003	Red
	004-005	Green
	006-007	Blue
	008-009	Cyan
	010-011	Magenta

21 CH	VALUE	FUNCTION
	012-013	Yellow
	014-015	DirtyWhite
	016-017	Alice Blue
	018-019	Congo Blue
	020-021	Dark Steel Blue
	022-023	Deep Lavender
	024-025	Lilac Ting
	026-027	Daylight Blue
	028-029	Flame Red
	030-031	Bastarci Amber
	032-033	Deep Orange
	034-035	Pale Gold
	036-037	Apricot
	038-039	Bright Blue
	040-041	Primary Green
	042-043	Special Lavender
	044-045	Pale Lavender
	046-047	Deep GoldenAmber
	048-049	Medium Blue
	050-051	Bright Pink
	052-053	Mauve
	054-055	Dark Green
	056-057	Lee Green
	058-059	Dark Blue
	060-061	Light Blue
	062-063	Steel Blue
	064-065	Medium Blue-Green
	066-067	Peacock Blue
	068-069	Magenta
	070-071	Dark Pink
	072-073	Middle Rose
	074-075	Light Salmon
	076-077	English Rose
	078-079	Light Rose
	080-081	Orange
	082-083	DeepAmber
	084-085	Straw
	086-087	LightAmber
	088-089	Sprinq Yellow
	090-091	Dark Yellow Green
	092-093	Just Blue

21 CH	VALUE	FUNCTION
	094-095	Sky Blue
	096-097	Lavender
	098-099	Light Lavender
	100-101	Pink Carnation
	102-103	Medium Pink
	104-105	Light Pink
	106-107	Sunset Red
	108-109	DarkAmber
	110-111	GoldAmber
	112-113	MediumAmber
	114-115	Fire
	116-117	Surprise Peach
	118-119	Straw Tint
	120-121	Medium Yellow
	122-123	Lee Minus Green
	124-125	Pale Gold
	126-127	Orange
	128-129	Deep Straw
	130-131	Rose Purple
	132-133	Deep Purple
	134-135	Soft Green
	136-211	Reserved
	212-213	2800K
	214-215	3000K
	216-217	3200K
	218-219	3400K
	220-221	3600K
	222-223	3800K
	224-225	4000K
	226-227	4200K
	228-229	4400K
	230-231	4600K
	232-233	4800K
	234-235	5000K
	236-237	5200K
	238-239	5400K
	240-241	5600K
	242-243	6000K
	244-245	6500K
	246-247	7000K
	248-249	8000K

21 CH	VALUE	FUNCTION
	250-251	9000K
	252-253	10000K
	254-255	Full On
16	000-255	**CTO on colors** · 0-100%
17		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed mode1 (fast speed)
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)
18		**FX selection**
	000-010	No Function
	011-020	Effect 1
	021-030	Effect 2
	031-040	Effect 3
	041-050	Effect 4
	051-060	Effect 5
	061-070	Candle
	071-080	Cop Car1
	081-090	Cop Car2
	091-100	Cop Car3
	101-110	Fire
	111-120	Fireworks
	121-130	Paparazzi
	131-140	Television
	141-150	Party
	151-160	Clouds
	161-170	Club
	171-180	Color Chase
	181-190	Strobe
	191-200	Lighting
	201-210	Explosion
	211-220	Fluorescent
	221-230	Process
	231-240	Pulsing
	241-255	Welding
19	000-255	**FX speed** · 0-100%
20	000-255	**FX fade** · 0-100%
21		**Control channel**
	000-001	No Function
	002-011	RESERVED

21 CH	VALUE	FUNCTION
	012-013	LED FREQUENCY 600HZ
	014-015	LED FREQUENCY 1200HZ
	016-017	LED FREQUENCY 2000HZ
	018-019	LED FREQUENCY 4000HZ
	020-021	LED FREQUENCY 6000HZ
	022-023	LED FREQUENCY 25KHZ
	024-035	RESERVED
	036-037	DIMMER SPEED AUTO
	038-039	DIMMER SPEED FAST
	040-041	DIMMER SPEED MEDIUM
	042-043	DIMMER SPEED SLOW
	044-045	DIMMER CURVE LINEAR
	046-047	DIMMER CURVE S-CURVE
	048-049	DIMMER CURVE SQUARE LAW
	050-051	DIMMER CURVE INV. SQUARE LAW
	052-053	DIMMER CURVE HIGH RES @LOW
	054-055	DIMMER END Snap Off @ End
	056-057	DIMMER END Fade Off @ End
	058-059	OUTPUT CONTROL Dynamic Output
	060-061	OUTPUT CONTROL Constant Output
	062-063	DIMMER SPEED OFF
	064-065	DMX FAULT HOLD
	066-067	DMX FAULT BLACKOUT
	068-069	DMX FAULT STANDALONE
	070-071	SPEKTRA CALIBRATION ON
	072-073	SPEKTRA CALIBRATION PURE COLORS
	074-075	SPEKTRA CALIBRATION OFF
	076-253	RESERVED
	254-255	RESET ALL CHANNELS CONTROLLED

TOUR: 4 Ch "2"

4 CH "2"	VALUE	FUNCTION
1	000-255	**Red** · 0-100%
2	000-255	**Green** · 0-100%
3	000-255	**Blue** · 0-100%
4	000-255	**White** · 0-100%

TOUR: 6 Ch "2"

6 CH "2"	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Red** · 0-100%

6 CH "2"	VALUE	FUNCTION
3	000-255	**Green** · 0-100%
4	000-255	**Blue** · 0-100%
5	000-255	**White** · 0-100%
6		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast

TOUR: 10 Ch "2"

10 CH "2"	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Red** · 0-100%
3	000-255	**Green** · 0-100%
4	000-255	**Blue** · 0-100%
5	000-255	**White** · 0-100%
6		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast
7		**Color temperature**
	000-005	Color Mix
	006-030	2800K
	031-055	3200K
	056-080	3500K
	081-105	4000K
	106-130	4500K
	131-155	5000K
	156-180	5600K
	181-205	6000K
	206-230	6500K
	231-255	Color Mix
8		**Auto program**
	000-010	No Function
	011-060	Auto Program 1
	061-110	Auto Program 2
	111-160	Auto Program 3
	161-210	Auto Program 4
	211-255	Auto Program 5 (Auto Program1-4)
9	000-255	**Auto speed** · Auto speed slow to fast
10		**Dimmer speed mode**
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off

10 CH "2"	VALUE	FUNCTION
	102-152	Dimmer speed mode1 (fast speed)
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)

TOUR: 15 Ch "2"

15 CH "2"	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Dimmer fine** · 0-100%
3	000-255	**Red** · 0-100%
4	000-255	**Red fine** · 0-100%
5	000-255	**Green** · 0-100%
6	000-255	**Green fine** · 0-100%
7	000-255	**Blue** · 0-100%
8	000-255	**Blue fine** · 0-100%
9	000-255	**White** · 0-100%
10	000-255	**White fine** · 0-100%
11		**Strobe**
	000-010	No Function
	011-255	Strobe Slow to Fast
12		**Color temperature**
	000-005	Color Mix
	006-030	2800K
	031-055	3200K
	056-080	3500K
	081-105	4000K
	106-130	4500K
	131-155	5000K
	156-180	5600K
	181-205	6000K
	206-230	6500K
	231-255	Color Mix
13		**Auto program**
	000-010	No Function
	011-060	Auto Program 1
	061-110	Auto Program 2
	111-160	Auto Program 3
	161-210	Auto Program 4
	211-255	Auto Program 5 (Auto Program1-4)
14	000-255	**Auto speed** · Auto speed slow to fast
15		**Dimmer speed mode**

15 CH "2"	VALUE	FUNCTION
	000-051	Preset dimmer speed from display menu
	052-101	Dimmer speed mode off
	102-152	Dimmer speed model (fast speed)
	153-203	Dimmer speed mode2 (middle speed)
	204-255	Dimmer speed mode3 (slow speed)

FILM: 12 Ch

12 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**CCT** · CCT 2800K to 10000K: 36-band table in the notes below
3		**Hue**
	000-010	Neutral / no effect
	011-020	Full minus green
	021-119	-99% --> -1%
	120-145	Neutral / no effect
	146-244	1% --> 99%
	245-255	Full plus qreen
4	000-255	**Crossfade from CCT to color** · 0-100%
5	000-255	**Red** · 0-100%
6	000-255	**Green** · 0-100%
7	000-255	**Blue** · 0-100%
8	000-255	**White** · 0-100%
9	000-255	**Reserved**
10		**Color macro**
	000-001	Open
	002-003	Red
	004-005	Green
	006-007	Blue
	008-009	Cyan
	010-011	Magenta
	012-013	Yellow
	014-015	DirtyWhite
	016-017	Alice Blue
	018-019	Congo Blue
	020-021	Dark Steel Blue
	022-023	Deep Lavender
	024-025	Lilac Ting
	026-027	Daylight Blue
	028-029	Flame Red
	030-031	BastardAmber
	032-033	Deep Orange

12 CH	VALUE	FUNCTION
	034-035	Pale Gold
	036-037	Apricot
	038-039	Bright Blue
	040-041	Primary Green
	042-043	Special Lavender
	044-045	Pale Lavender
	046-047	Deep GoldenAmber
	048-049	Medium Blue
	050-051	Bright Pink
	052-053	Mauve
	054-055	Dark Green
	056-057	Lee Green
	058-059	Dark Blue
	060-061	Light Blue
	062-063	Steel Blue
	064-065	Medium Blue-Green
	066-067	Peacock Blue
	068-069	Magenta
	070-071	Dark Pink
	072-073	Middle Rose
	074-075	Light Salmon
	076-077	English Rose
	078-079	Light Rose
	080-081	Orange
	082-083	DeepAmber
	084-085	Straw
	086-087	LightAmber
	088-089	Spring Yellow
	090-091	Dark Yellow Green
	092-093	Just Blue
	094-095	Sky Blue
	096-097	Lavender
	098-099	Light Lavender
	100-101	Pink Carnation
	102-103	Medium Pink
	104-105	Light Pink
	106-107	Sunset Red
	108-109	DarkAmber
	110-111	GoldAmber
	112-113	MediumAmber
	114-115	Fire

12 CH	VALUE	FUNCTION
	116-117	Surprise Peach
	118-119	Straw Tint
	120-121	Medium Yellow
	122-123	Lee Minus Green
	124-125	Pale Gold
	126-127	Orange
	128-129	Deep Straw
	130-131	Rose Purple
	132-133	Deep Purple
	134-135	Soft Green
	136-211	Reserved
	212-213	2800K
	214-215	3000K
	216-217	3200K
	218-219	3400K
	220-221	3600K
	222-223	3800K
	224-225	4000K
	226-227	4200K
	228-229	4400K
	230-231	4600K
	232-233	4800K
	234-235	5000K
	236-237	5200K
	238-239	5400K
	240-241	5600K
	242-243	6000K
	244-245	6500K
	246-247	7000K
	248-249	8000K
	250-251	9000K
	252-253	10000K
	254-255	Full On
11		**Strobe**
	000-019	Open
	020-255	1 flash/s -> 25 flashes/s
12		**Control channel**
	000-001	No Function
	002-011	RESERVED
	012-013	LED FREQUENCY 600HZ
	014-015	LED FREQUENCY 1200HZ

12 CH	VALUE	FUNCTION
	016-017	LED FREQUENCY 2000HZ
	018-019	LED FREQUENCY 4000HZ
	020-021	LED FREQUENCY 6000HZ
	022-023	LED FREQUENCY 25KHZ
	024-035	RESERVED
	036-037	DIMMER SPEED AUTO
	038-039	DIMMER SPEED FAST
	040-041	DIMMER SPEED MEDIUM
	042-043	DIMMER SPEED SLOW
	044-045	DIMMER CURVE LINEAR
	046-047	DIMMER CURVE S-CURVE
	048-049	DIMMER CURVE SQUARE LAW
	050-051	DIMMER CURVE INV. SQUARE LAW
	052-053	DIMMER CURVE HIGH RES @LOW
	054-055	DIMMER END Snap Off @ End
	056-057	DIMMER END Fade Off @ End
	058-059	OUTPUT CONTROL Dynamic Output
	060-061	OUTPUT CONTROL Constant Output
	062-063	DIMMER SPEED OFF
	064-065	DMX FAULT HOLD
	066-067	DMX FAULT BLACKOUT
	068-069	DMX FAULT STANDALONE
	070-071	SPEKTRA CALIBRATION ON
	072-073	SPEKTRA CALIBRATION PURE COLORS
	074-075	SPEKTRA CALIBRATION OFF
	076-253	RESERVED
	254-255	RESET ALL CHANNELS CONTROLLED

FILM: 20 Ch

20 CH	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Dimmer fine** · 0-100%
3	000-255	**CCT** · CCT 2800K to 10000K: 36-band table in the notes below
4	000-255	**CCT fine**
5		**Hue**
	000-010	Neutral / no effect
	011-020	Full minus green
	021-119	-99% --> -1%
	120-145	Neutral / no effect
	146-244	1% --> 99%
	245-255	Full plus qreen

20 CH	VALUE	FUNCTION
6	000-255	**Hue fine**
7	000-255	**Crossfade from CCT to color** · 0-100%
8	000-255	**Crossfade from CCT to color fine**
9	000-255	**Red** · 0-100%
10	000-255	**Red fine**
11	000-255	**Green** · 0-100%
12	000-255	**Green fine**
13	000-255	**Blue** · 0-100%
14	000-255	**Blue fine**
15	000-255	**White** · 0-100%
16	000-255	**White fine**
17	000-255	**Reserved**
18		**Color macro**
	000-001	Open
	002-003	Red
	004-005	Green
	006-007	Blue
	008-009	Cyan
	010-011	Magenta
	012-013	Yellow
	014-015	DirtyWhite
	016-017	Alice Blue
	018-019	Congo Blue
	020-021	Dark Steel Blue
	022-023	Deep Lavender
	024-025	Lilac Ting
	026-027	Daylight Blue
	028-029	Flame Red
	030-031	BastardAmber
	032-033	Deep Orange
	034-035	Pale Gold
	036-037	Apricot
	038-039	Bright Blue
	040-041	Primary Green
	042-043	Special Lavender
	044-045	Pale Lavender
	046-047	Deep GoldenAmber
	048-049	Medium Blue
	050-051	Bright Pink
	052-053	Mauve

20 CH	VALUE	FUNCTION
	054-055	Dark Green
	056-057	Lee Green
	058-059	Dark Blue
	060-061	Light Blue
	062-063	Steel Blue
	064-065	Medium Blue-Green
	066-067	Peacock Blue
	068-069	Magenta
	070-071	Dark Pink
	072-073	Middle Rose
	074-075	Light Salmon
	076-077	English Rose
	078-079	Light Rose
	080-081	Orange
	082-083	DeepAmber
	084-085	Straw
	086-087	LightAmber
	088-089	Spring Yellow
	090-091	Dark Yellow Green
	092-093	Just Blue
	094-095	Sky Blue
	096-097	Lavender
	098-099	Light Lavender
	100-101	Pink Carnation
	102-103	Medium Pink
	104-105	Light Pink
	106-107	Sunset Red
	108-109	DarkAmber
	110-111	GoldAmber
	112-113	MediumAmber
	114-115	Fire
	116-117	Surprise Peach
	118-119	Straw Tint
	120-121	Medium Yellow
	122-123	Lee Minus Green
	124-125	Pale Gold
	126-127	Orange
	128-129	Deep Straw
	130-131	Rose Purple
	132-133	Deep Purple
	134-135	Soft Green

20 CH	VALUE	FUNCTION
	136-211	Reserved
	212-213	2800K
	214-215	3000K
	216-217	3200K
	218-219	3400K
	220-221	3600K
	222-223	3800K
	224-225	4000K
	226-227	4200K
	228-229	4400K
	230-231	4600K
	232-233	4800K
	234-235	5000K
	236-237	5200K
	238-239	5400K
	240-241	5600K
	242-243	6000K
	244-245	6500K
	246-247	7000K
	248-249	8000K
	250-251	9000K
	252-253	10000K
	254-255	Full On
19		**Strobe**
	000-019	Open
	020-255	1 flash/s -> 25 flashes/s
20		**Control channel**
	000-001	No Function
	002-011	RESERVED
	012-013	LED FREQUENCY 600HZ
	014-015	LED FREQUENCY 1200HZ
	016-017	LED FREQUENCY 2000HZ
	018-019	LED FREQUENCY 4000HZ
	020-021	LED FREQUENCY 6000HZ
	022-023	LED FREQUENCY 25KHZ
	024-035	RESERVED
	036-037	DIMMER SPEED AUTO
	038-039	DIMMER SPEED FAST
	040-041	DIMMER SPEED MEDIUM
	042-043	DIMMER SPEED SLOW
	044-045	DIMMER CURVE LINEAR

20 CH	VALUE	FUNCTION
	046-047	DIMMER CURVE S-CURVE
	048-049	DIMMER CURVE SQUARE LAW
	050-051	DIMMER CURVE INV. SQUARE LAW
	052-053	DIMMER CURVE HIGH RES @LOW
	054-055	DIMMER END Snap Off @ End
	056-057	DIMMER END Fade Off @ End
	058-059	OUTPUT CONTROL Dynamic Output
	060-061	OUTPUT CONTROL Constant Output
	062-063	DIMMER SPEED OFF
	064-065	DMX FAULT HOLD
	066-067	DMX FAULT BLACKOUT
	068-069	DMX FAULT STANDALONE
	070-071	SPEKTRA CALIBRATION ON
	072-073	SPEKTRA CALIBRATION PURE COLORS
	074-075	SPEKTRA CALIBRATION OFF
	076-253	RESERVED
	254-255	RESET ALL CHANNELS CONTROLLED

FILM: XY (Xi Mode)

XY	VALUE	FUNCTION
1	000-255	**Dimmer** · 0-100%
2	000-255	**Dimmer fine**
3	000-255	**Strobe** · Strobe: zone breakdown in the notes below
4	000-255	**CCT** · CCT 2800K to 10000K: 36-band table in the notes below
5		**Hue**
	000-010	Neutral / no effect
	011-020	Full minus green
	021-119	-99% --> -1%
	120-145	Neutral / no effect
	146-244	1% --> 99%
	245-255	Full plus qreen
6	000-255	**X1** · 0.00 +0.85
7	000-255	**X1 fine**
8	000-255	**Y1** · 0.00 +0.85
9	000-255	**Y1 fine**
10	000-255	**Crossfade from layer 1 to layer 2** · 0-100%
11	000-255	**X2** · 0.00 + 0.85
12	000-255	**X2 fine**
13	000-255	**Y2** · 0.00 +0.85
14	000-255	**Y2 fine**
15		**Color macro**

XY	VALUE	FUNCTION
	000-001	Open
	002-003	Red
	004-005	Green
	006-007	Blue
	008-009	Cyan
	010-011	Magenta
	012-013	Yellow
	014-015	DirtyWhite
	016-017	Alice Blue
	018-019	Congo Blue
	020-021	Dark Steel Blue
	022-023	Deep Lavender
	024-025	Lilac Ting
	026-027	Daylight Blue
	028-029	Flame Red
	030-031	BastardAmber
	032-033	Deep Orange
	034-035	Pale Gold
	036-037	Apricot
	038-039	Bright Blue
	040-041	Primary Green
	042-043	Special Lavender
	044-045	Pale Lavender
	046-047	Deep GoldenAmber
	048-049	Medium Blue
	050-051	Bright Pink
	052-053	Mauve
	054-055	Dark Green
	056-057	Lee Green
	058-059	Dark Blue
	060-061	Light Blue
	062-063	Steel Blue
	064-065	Medium Blue-Green
	066-067	Peacock Blue
	068-069	Magenta
	070-071	Dark Pink
	072-073	Middle Rose
	074-075	Light Salmon
	076-077	English Rose
	078-079	Light Rose
	080-081	Orange

XY	VALUE	FUNCTION
	082-083	DeepAmber
	084-085	Straw
	086-087	LightAmber
	088-089	Spring Yellow
	090-091	Dark Yellow Green
	092-093	Just Blue
	094-095	Sky Blue
	096-097	Lavender
	098-099	Light Lavender
	100-101	Pink Carnation
	102-103	Medium Pink
	104-105	Light Pink
	106-107	Sunset Red
	108-109	DarkAmber
	110-111	GoldAmber
	112-113	MediumAmber
	114-115	Fire
	116-117	Surprise Peach
	118-119	Straw Tint
	120-121	Medium Yellow
	122-123	Lee Minus Green
	124-125	Pale Gold
	126-127	Orange
	128-129	Deep Straw
	130-131	Rose Purple
	132-133	Deep Purple
	134-135	Soft Green
	136-211	Reserved
	212-213	2800K
	214-215	3000K
	216-217	3200K
	218-219	3400K
	220-221	3600K
	222-223	3800K
	224-225	4000K
	226-227	4200K
	228-229	4400K
	230-231	4600K
	232-233	4800K
	234-235	5000K
	236-237	5200K

XY	VALUE	FUNCTION
	238-239	5400K
	240-241	5600K
	242-243	6000K
	244-245	6500K
	246-247	7000K
	248-249	8000K
	250-251	9000K
	252-253	10000K
	254-255	Full On
16	000-255	**CTO on colors** · 0-100%
17		**Control channel**
	000-001	No Function
	002-011	RESERVED
	012-013	LED FREQUENCY 600HZ
	014-015	LED FREQUENCY 1200HZ
	016-017	LED FREQUENCY 2000HZ
	018-019	LED FREQUENCY 4000HZ
	020-021	LED FREQUENCY 6000HZ
	022-023	LED FREQUENCY 25KHZ
	024-035	RESERVED
	036-037	DIMMER SPEED AUTO
	038-039	DIMMER SPEED FAST
	040-041	DIMMER SPEED MEDIUM
	042-043	DIMMER SPEED SLOW
	044-045	DIMMER CURVE LINEAR
	046-047	DIMMER CURVE S-CURVE
	048-049	DIMMER CURVE SQUARE LAW
	050-051	DIMMER CURVE INV. SQUARE LAW
	052-053	DIMMER CURVE HIGH RES @LOW
	054-055	DIMMER END Snap Off @ End
	056-057	DIMMER END Fade Off @ End
	058-059	OUTPUT CONTROL Dynamic Output
	060-061	OUTPUT CONTROL Constant Output
	062-063	DIMMER SPEED OFF
	064-065	DMX FAULT HOLD
	066-067	DMX FAULT BLACKOUT
	068-069	DMX FAULT STANDALONE
	070-071	SPEKTRA CALIBRATION ON
	072-073	SPEKTRA CALIBRATION PURE COLORS
	074-075	SPEKTRA CALIBRATION OFF
	076-253	RESERVED

XY	VALUE	FUNCTION
	254-255	RESET ALL CHANNELS CONTROLLED

※ The source organises modes into three families: THEATRE (1/2/4Ch"1"/5Ch"1"/6/10/15/17/21Ch), TOUR (4/6/10/15Ch"2") and FILM (12/20/XY). Because the same channel position carries different functions across modes, each mode has its own table.

※ Colour names are spelled as Prolights prints them, including 'Bastarci Amber', 'Sprinq Yellow', 'Lilac Ting' and 'DirtyWhite'.

※ FILM 12Ch/20Ch and XY CCT (2800K-10000K, 36 bands) and the XY STROBE/CCT bands use overlapping fencepost boundaries in the source (e.g. 000+007 then 007+014). These channels are shown as a single 000-255 control here; the full band tables follow in these notes, exactly as printed.

※ FILM XY channel 5 is labelled TINT in the channel grid but HUE in the value-range detail table; the detail-table name and ranges are used here.

※ FILM 12Ch/20Ch and XY CCT bands as printed: 2800K-3000K 000+007; 3000K-3200K 007+014; 3200K-3400K 014+021; 3400K-3600K 021+028; 3600K-3800K 028+035; 3800K-4000K 035+042; 4000K-4200K 042+049; 4200K-4400K 049+056; 4400K-4600K 056+063; 4600K-4800K 063+070; 4800K-5000K 070+077; 5000K-5200K 077+084; 5200K-5400K 084+091; 5400K-5600K 091+098; 5600K-5800K 098+105; 5800K-6000K 105+112; 6000K-6200K 112+119; 6200K-6400K 119+126; 6400K-6600K 126+133; 6600K-6800K 133+140; 6800K-7000K 140+147; 7000K-7200K 147+154; 7200K-7400K 154+161; 7400K-7600K 161+168; 7600K-7800K 168+175; 7800K-8000K 175+182; 8000K-8200K 182+189; 8200K-8400K 189+196; 8400K-8600K 196+203; 8600K-8800K 203+210; 8800K-9000K 210+217; 9000K-9200K 217+224; 9200K-9400K 224+231; 9400K-9600K 231+238; 9600K-9800K 238+245; 9800K-10000K 245+255.

※ FILM XY STROBE zones as printed (overlapping at 100/130/200): Closed 000+030; Strobe slow to fast 031+100; Open 101+130; Random slow to fast 131+200; Open 201+255.

※ Source misprints corrected: 'SOUARE' → 'SQUARE' and 'LED FREQUENCY' → 'LED FREQUENCY' (misprints in the Prolights PDF).