

E.SHOW MAXX

Single-Source LED -
Perfect whites & brilliant colors

3CH CCT	6CH DIRECT
3CH RGB	12CH DIRECT
6CH RGB	13CH DIRECT
9CH RGB	20CH DIRECT
11CH RGB / Default Mode	3CH HSI
14CH RGB	10CH HSI

Channel	3 CH CCT	3CH RGB	6CH RGB	9CH RGB	11CH RGB (default)	14CH RGB
1	Dimmer	Red	Red	Dimmer	Dimmer	Dimmer
2	CTC	Green	Red Fine	Shutter	Shutter	Dimmer Fine
3	Tint	Blue	Green	Red	Duration	Shutter
4			Green Fine	Green	Red	Red
5			Blue	Blue	Green	Red Fine
6			Blue Fine	CTC	Blue	Green
7				Tint	CTC	Green Fine
8				Color Macro	Tint	Blue
9				Color Macro Crossfade	Color Macro	Blue Fine
10					Color Macro Crossfade	CTC
11					Device Settings	Tint
12						Color Macro
13						Color Macro Crossfade
14						Device Settings
15						
16						
17						
18						
19						
20						

Channel	6CH DIRECT	12CH DIRECT	13CH DIRECT	20CH DIRECT	3CH HSI	10CH HSI
1	Red	Red	Dimmer	Dimmer	Dimmer	Dimmer
2	Green	Red Fine	Shutter	Dimmer Fine	Hue	Dimmer Fine
3	Blue	Green	Red	Shutter	Saturation	Shutter
4	Amber	Green Fine	Green	Red		Hue
5	Lime	Blue	Blue	Red Fine		Saturation
6	Cyan	Blue Fine	Amber	Green		CTC
7		Amber	Lime	Green Fine		Tint
8		Amber Fine	Cyan	Blue		Color Macro

Channel	6CH DIRECT	12CH DIRECT	13CH DIRECT	20CH DIRECT	3CH HSI	10CH HSI
9		Lime	CTC	Blue Fine		Color Macro Crossfade
10		Lime Fine	Tint	Amber		Device Settings
11		Cyan	Color Macro	Amber Fine		
12		Cyan Fine	Color Macro Crossfade	Lime		
13			Device Settings	Lime Fine		
14				Cyan		
15				Cyan Fine		
16				CTC		
17				Tint		
18				Color Macro		
19				Color Macro Crossfade		
20				Device Settings		

3 CH CCT MODE (Factory Calibrated) - 8bit

Ch.	Function	Value	Setting	Default
1	Dimmer	000-255	0 - 100%	0
2	CTC	000 - 004	5600K	0
		005-226	2000K-6500K (please see detailed CTC chart)	
		182-182	5600K	
		226-226	6500K	
		227-255	6621K-10.000K (please see detailed CTC chart)	
3	Tint	0	no function	128
		001-127	Magenta ⊕ Neutral	
		128-128	Neutral	
		129-255	Neutral ⊕ Green	

3 CH - RGB MODE (Factory Calibrated) - 8bit

Ch.	Function	Value	Setting	Default
1	Red	000-255	0 - 100%	0
2	Green	000-255	0 - 100%	0
3	Blue	000-255	0 - 100%	0

6 CH - RGB MODE (Factory Calibrated) - 16bit

Ch.	Function	Value	Setting	Default
1	Red	000-255	0 - 100%	0
2	Red Fine	000-255	0 - 100%	0
3	Green	000-255	0 - 100%	0
4	Green Fine	000-255	0 - 100%	0
5	Blue	000-255	0 - 100%	0
6	Blue Fine	000-255	0 - 100%	0

9 CH - RGB (Factory Calibrated) - 8bit

Ch.	Function	Value	Setting	Default	
1	Dimmer	000-255	0 - 100%	0	
2	Shutter	000 - 019	Shutter close	20	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
3	Red	000-255	0 - 100%	RGB fade to 100% = CTC	255
4	Green	000-255	0 - 100%		255
5	Blue	000-255	0 - 100%		255
6	CTC (affects RGB)	000 - 004	5600K	0	
		005-226	2000K-6500K (please see detailed CTC chart)		
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K (please see detailed CTC chart)		
7	Tint (affects CTC, RGB)	0	no function	only available at "CCT Calibrated" mode	128
		001-127	Magenta ⊕ Neutral		
		128-128	Neutral		
		129-255	Neutral ⊕ Green		
8	Color Macro (override RGB, CTC)		(please see detailed color macro chart)	0	
9	Color Macro Crossfade (Transition Time between Color Macros)	000 - 005	no function	0	
		006-105	0,1s - 10s (0,1s steps)		
		106-214	11s - 119s (1s steps)		
		215-244	2m - 4m50s (10s steps)		
		245-255	5m - 15m (1m steps)		

11 CH RGB Mode (Factory Calibrated) - 8bit / Default mode

Ch.	Function	Value	Setting	Default
1	Dimmer	000-255	0 - 100%	0
2	Shutter	000 - 019	Shutter close	20
		020 - 024	Shutter open	
		025 - 064	Strobe 1 (fast ⊕ slow)	
		065 - 069	Shutter open	
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)	
		085 - 089	Shutter open	
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)	
		105 - 109	Shutter open	
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)	
		125 - 129	Shutter open	
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	
		145 - 149	Shutter open	
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)	
		165 - 169	Shutter open	
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)	
		185 - 189	Shutter open	
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)	
205 - 209	Shutter open			
210 - 224	Strobe 9: sine wave (fast ⊕ slow)			
225 - 229	Shutter open			
230 - 244	Strobe 10: burst (fast ⊕ slow)			
245 - 255	Shutter open			
3	Duration (only affects to channel 2 - Strobe 1 025-064)	000-255	0 - 100%	0
4	Red	000-255	0 - 100%	RGB fade to 100% = CTC
5	Green	000-255	0 - 100%	
6	Blue	000-255	0 - 100%	
7	CTC (affects RGB)	000 - 004	5600K	0
		005-226	2000K-6500K (please see detailed CTC chart)	
		182-182	5600K	
		226-226	6500K	
		227-255	6621K-10.000K (please see detailed CTC chart)	
8	Tint (affects CTC, RGB)	0	no function	only available at "CCT Calibrated" mode
		001-127	Magenta ⊕ Neutral	
		128-128	Neutral	
		129-255	Neutral ⊕ Green	
9	Color Macro (override RGB, CTC)		(please see detailed color macro chart)	0

10	Color Macro Crossfade (Transition Time between Color Macros)	000 - 005	no function	0
		006-105	0,1s - 10s (0,1s steps)	
		106-214	11s - 119s (1s steps)	
		215-244	2m - 4m50s (10s steps)	
		245-255	5m - 15m (1m steps)	
11	Device Settings (please see remark *1)	000-029	No function	0
		030-034	Linear Dimmer Curve (hold 3s)	
		035-039	Exponential Dimmer Curve (hold 3s)	
		040-044	Logarithmic Dimmer Curve (hold 3s)	
		045-049	S-Curve Dimmer Curve (hold 3s)	
		050-054	Dimmer Response LED (hold 1,5s)	
		055-059	Dimmer Response Halogen (hold 1,5s)	
		060-094	No function	
		095-099	LED Frequency 800Hz (hold 3s)	
		100-104	LED Frequency 1200Hz (hold 3s)	
		105-109	LED Frequency 2000Hz (hold 3s)	
		110-114	LED Frequency 3600Hz (hold 3s)	
		115-119	LED Frequency 12kHz (hold 3s)	
		120-124	LED Frequency 25kHz (hold 3s)	
		125-129	No function	
		130-134	Fan Auto 1 (hold 3s)	
		135-139	Fan Auto 2 (hold 3s)	
		140-144	Fan Silent (hold 3s)	
		145-149	Fan Studio (hold 3s)	
		150-154	Fan Off (hold 3s)	
		155-159	Fan High Power (hold 3s)	
		160-164	No function	
		165-169	Redshift On (hold 1,5s / affects only between 2700-3500K)	
		170-174	Redshift Off (hold 1,5s)	
		175-179	Full Calibration (Colors & CCT / Hold 3s)	
		180-184	CCT Calibration (CCT only / RAW Colors / Hold 3s)	
185-189	Factory Reset (hold 3s) except User Reset defaults)	please set Shutter Channel to DMX 250 together		
190-194	User Reset (hold 3s) except User Colors	please set Shutter Channel to DMX 250 together		
195-244	No function			
245-249	Snapshot (hold 1,5s)			
250-255	No function			
14 CH RGB Mode (Factory Calibrated) - 16bit				
Ch.	Function	Value	Setting	Default
1	Dimmer	000-255	0 - 100%	0
2	Dimmer Fine	000-255	0 - 100%	0

3	Shutter	000 - 019	Shutter close		20
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
4	Red	000-255	0 - 100%	RGBALC Fade to 100% = CTC	255
5	Red Fine	000-255	0 - 100%		255
6	Green	000-255	0 - 100%		255
7	Green Fine	000-255	0 - 100%		255
8	Blue	000-255	0 - 100%		255
9	Blue Fine	000-255	0 - 100%		255
10	CTC (affects RGB)	000 - 004	5600K		0
		005-226	2000K-6500K (please see detailed CTC chart)		
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K (please see detailed CTC chart)		
11	Tint (affects CTC, RGB)	0	no function		128
		001-127	Magenta ⊕ Neutral		
		128-128	Neutral		
		129-255	Neutral ⊕ Green		
12	Color Macro (override RGB, CTC)		(please see detailed color macro chart)		0
13	Color Macro Crossfade (Transition Time between Color Macros)	000 - 005	no function		0
		006-105	0,1s - 10s (0,1s steps)		
		106-214	11s - 119s (1s steps)		
		215-244	2m - 4m50s (10s steps)		
		245-255	5m - 15m (1m steps)		

14	Device Settings (please see remark *1)	000-029	No function	0
		030-034	Linear Dimmer Curve (hold 3s)	
		035-039	Exponential Dimmer Curve (hold 3s)	
		040-044	Logarithmic Dimmer Curve (hold 3s)	
		045-049	S-Curve Dimmer Curve (hold 3s)	
		050-054	Dimmer Response LED (hold 1,5s)	
		055-059	Dimmer Response Halogen (hold 1,5s)	
		060-094	No function	
		095-099	LED Frequency 800Hz (hold 3s)	
		100-104	LED Frequency 1200Hz (hold 3s)	
		105-109	LED Frequency 2000Hz (hold 3s)	
		110-114	LED Frequency 3600Hz (hold 3s)	
		115-119	LED Frequency 12kHz (hold 3s)	
		120-124	LED Frequency 25kHz (hold 3s)	
		125-129	No function	
		130-134	Fan Auto 1 (hold 3s)	
		135-139	Fan Auto 2 (hold 3s)	
		140-144	Fan Silent (hold 3s)	
		145-149	Fan Studio (hold 3s)	
		150-154	Fan Off (hold 3s)	
		155-159	Fan High Power (hold 3s)	
		160-164	No function	
		165-169	Redshift On (hold 1,5s / affects only between 2700-3500K)	
		170-174	Redshift Off (hold 1,5s)	
		175-179	Full Calibration (Colors & CCT / Hold 3s)	
		180-184	CCT Calibration (CCT only / RAW Colors / Hold 3s)	
		185-189	Factory Reset (hold 3s) except User Reset defaults)	
190-194	User Reset (hold 3s) except User Colors	please set Shutter Channel to DMX 250 together		
195-244	No function			
245-249	Snapshot (hold 1,5s)			
250-255	No function			

6 CH - DIRECT MODE (RAW) - 8bit

Ch.	Function	Value	Setting	Default
1	Red	000-255	0 - 100%	0
2	Green	000-255	0 - 100%	0
3	Blue	000-255	0 - 100%	0
4	Amber	000-255	0 - 100%	0
5	Lime	000-255	0 - 100%	0
6	Cyan	000-255	0 - 100%	0

12 CH - DIRECT MODE (RAW) - 16bit

Ch.	Function	Value	Setting	Default
1	Red	000-255	0 - 100%	0
2	Red Fine	000-255	0 - 100%	0
3	Green	000-255	0 - 100%	0
4	Green Fine	000-255	0 - 100%	0
5	Blue	000-255	0 - 100%	0
6	Blue Fine	000-255	0 - 100%	0
7	Amber	000-255	0 - 100%	0
8	Amber Fine	000-255	0 - 100%	0
9	Lime	000-255	0 - 100%	0
10	Lime Fine	000-255	0 - 100%	0
11	Cyan	000-255	0 - 100%	0
12	Cyan Fine	000-255	0 - 100%	0

13 CH - DIRECT MODE (RAW) - 8bit

Ch.	Function	Value	Setting	Default
1	Dimmer	000-255	0 - 100%	0
2	Shutter	000 - 019	Shutter close	20
		020 - 024	Shutter open	
		025 - 064	Strobe 1 (fast ⊕ slow)	
		065 - 069	Shutter open	
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)	
		085 - 089	Shutter open	
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)	
		105 - 109	Shutter open	
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)	
		125 - 129	Shutter open	
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	
		145 - 149	Shutter open	
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)	
		165 - 169	Shutter open	
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)	
		185 - 189	Shutter open	
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)	
205 - 209	Shutter open			
210 - 224	Strobe 9: sine wave (fast ⊕ slow)			
225 - 229	Shutter open			
230 - 244	Strobe 10: burst (fast ⊕ slow)			
245 - 255	Shutter open			
3	Red	000-255	0 - 100%	RGBALC Fade to 100% = CTC
4	Green	000-255	0 - 100%	
5	Blue	000-255	0 - 100%	

6	Amber	000-255	0 - 100%	RGBALC Fade to 100% = CTC	255
7	Lime	000-255	0 - 100%		255
8	Cyan	000-255	0 - 100%		255
9	CTC (affects RGBALC)	000 - 004	RAW		0
		005-226	2000K-6500K (please see detailed CTC chart)		
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K (please see detailed CTC chart)		
10	Tint (affects CTC, RGBALC)	0	no function		128
		001-127	Magenta ⊕ Neutral		
		128-128	Neutral		
		129-255	Neutral ⊕ Green		
11	Color Macro (over- ride RGBALC, CTC)		(please see detailed color macro chart)		0
12	Color Macro Crossfade (Transition Time between Color Macros)	000 - 005	no function		0
		006-105	0,1s - 10s (0,1s steps)		
		106-214	11s - 119s (1s steps)		
		215-244	2m - 4m50s (10s steps)		
		245-255	5m - 15m (1m steps)		
13	Device Settings (please see remark *1)	000-029	No function		0
		030-034	Linear Dimmer Curve (hold 3s)		
		035-039	Exponential Dimmer Curve (hold 3s)		
		040-044	Logarithmic Dimmer Curve (hold 3s)		
		045-049	S-Curve Dimmer Curve (hold 3s)		
		050-054	Dimmer Response LED (hold 1,5s)		
		055-059	Dimmer Response Halogen (hold 1,5s)		
		060-069	No function		
		070-074	RAW Mode (hold 3s)		
		075-079	User Calibrated Mode (hold 3s)		
		080-094	No function		
		095-099	LED Frequency 800Hz (hold 3s)		
		100-104	LED Frequency 1200Hz (hold 3s)		
		105-109	LED Frequency 2000Hz (hold 3s)		
		110-114	LED Frequency 3600Hz (hold 3s)		
		115-119	LED Frequency 12kHz (hold 3s)		
		120-124	LED Frequency 25kHz (hold 3s)		
		125-129	No function		
		130-134	Fan Auto 1 (hold 3s)		
		135-139	Fan Auto 2 (hold 3s)		
140-144	Fan Silent (hold 3s)				
145-149	Fan Studio (hold 3s)				
150-154	Fan Off (hold 3s)				
155-159	Fan High Power (hold 3s)				

13	Device Settings (please see remark *1)	160-164	No function		0
		165-169	Redshift On (hold 1,5s / affects only between 2700-3500K)		
		170-174	Redshift Off (hold 1,5s)		
		175-179	No function		
		180-184	Factory Reset (hold 3s / except User Reset defaults)	please set Shutter Channel to DMX 250 together	
		185-189	User Reset (hold 3s)	please set Shutter Channel to DMX 250 together	
		190-244	No function		
		245-249	Snapshot (hold 1,5s)		
		250-255	No function		
20 CH - DIRECT MODE (RAW) - 16bit					
Ch.	Function	Value	Setting	Default	
1	Dimmer	000-255	0 - 100%	0	
2	Dimmer Fine	000-255	0 - 100%	0	
3	Shutter	000 - 019	Shutter close	20	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open	RGBALC Fade to 100% = CTC			
4	Red			000-255	0 - 100%
5	Red Fine			000-255	0 - 100%
6	Green			000-255	0 - 100%
7	Green Fine			000-255	0 - 100%
8	Blue	000-255	0 - 100%		

9	Blue Fine	000-255	0 - 100%	RGBALC Fade to 100% = CTC	255
10	Amber	000-255	0 - 100%		255
11	Amber Fine	000-255	0 - 100%		255
12	Lime	000-255	0 - 100%		255
13	Lime Fine	000-255	0 - 100%		255
14	Cyan	000-255	0 - 100%		255
15	Cyan Fine	000-255	0 - 100%		255
16	CTC (affects RGBALC)	000 - 004	RAW	0	
		005-226	2000K-6500K (please see detailed CTC chart)		
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K (please see detailed CTC chart)		
17	Tint (affects CTC, RGBALC)	0	no function	128	
		001-127	Magenta ⊕ Neutral		
		128-128	Neutral		
		129-255	Neutral ⊕ Green		
18	Color Macro (override RGBALC, CTC)		(please see detailed color macro chart)	0	
19	Color Macro Crossfade (Transition Time between Color Macros)	000 - 005	no function	0	
		006-105	0,1s - 10s (0,1s steps)		
		106-214	11s - 119s (1s steps)		
		215-244	2m - 4m50s (10s steps)		
		245-255	5m - 15m (1m steps)		
20	Device Settings (please see remark *1)	000-029	No function	0	
		030-034	Linear Dimmer Curve (hold 3s)		
		035-039	Exponential Dimmer Curve (hold 3s)		
		040-044	Logarithmic Dimmer Curve (hold 3s)		
		045-049	S-Curve Dimmer Curve (hold 3s)		
		050-054	Dimmer Response LED (hold 1,5s)		
		055-059	Dimmer Response Halogen (hold 1,5s)		
		060-069	No function		
		070-074	RAW Mode (hold 3s)		
		075-079	User Calibrated Mode (hold 3s)		
		080-094	No function		
		095-099	LED Frequency 800Hz (hold 3s)		
		100-104	LED Frequency 1200Hz (hold 3s)		
		105-109	LED Frequency 2000Hz (hold 3s)		
		110-114	LED Frequency 3600Hz (hold 3s)		
		115-119	LED Frequency 12kHz (hold 3s)		
		120-124	LED Frequency 25kHz (hold 3s)		
125-129	No function				

20	Device Settings (please see remark *1)	130-134	Fan Auto 1 (hold 3s)		0	
		135-139	Fan Auto 2 (hold 3s)			
		140-144	Fan Silent (hold 3s)			
		145-149	Fan Studio (hold 3s)			
		150-154	Fan Off (hold 3s)			
		155-159	Fan High Power (hold 3s)			
		160-164	No function			
		165-169	Redshift On (hold 1,5s / affects only between 2700-3500K)			
		170-174	Redshift Off (hold 1,5s)			
		175-179	No function			
		180-184	Factory Reset (hold 3s / except User Reset defaults)	please set Shutter Channel to DMX 250 together		
		185-189	User Reset (hold 3s)	please set Shutter Channel to DMX 250 together		
		190-244	No function			
		245-249	Snapshot (hold 1,5s)			
250-255	No function					

3 CH - HSI MODE (Factory Calibrated) - 8bit

Ch.	Function	Value	Setting	Default
1	Dimmer	000-255	0 - 100%	0
2	Hue	000-255	0° (RED) Thru 360°	0
3	Saturation	000-255	0 - 100%	0

10 CH - HSI Mode (Factory Calibrated) - 16bit

Ch.	Function	Value	Setting	Default
1	Dimmer	000-255	0 - 100%	0
2	Dimmer Fine	000-255	0 - 100%	0
3	Shutter	000 - 019	Shutter close	20
		020 - 024	Shutter open	
		025 - 064	Strobe 1 (fast ⊕ slow)	
		065 - 069	Shutter open	
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)	
		085 - 089	Shutter open	
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)	
		105 - 109	Shutter open	
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)	
		125 - 129	Shutter open	
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	
		145 - 149	Shutter open	
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)	
		165 - 169	Shutter open	
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)	

		185 - 189	Shutter open	
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)	
		205 - 209	Shutter open	
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)	
		225 - 229	Shutter open	
3	Shutter	230 - 244	Strobe 10: burst (fast ⊕ slow)	20
		245 - 255	Shutter open	
4	Hue	000-255	0° (RED) Thru 360°	0
5	Saturation	000-255	0 - 100% (CTC ⊕ HUE)	0
6	CTC (affects HUE, Saturation)	000 - 004	5600K	0
		005-226	2000K-6500K (please see detailed CTC chart)	
		182-182	5600K	
		226-226	6500K	
		227-255	6621K-10.000K (please see detailed CTC chart)	
7	Tint (affects CTC, HUE, Saturation)	0	no function	only available at "High" CRI mode
		001-127	Magenta ⊕ Neutral	
		128-128	Neutral	
		129-255	Neutral ⊕ Green	
8	Color Macro (override HUE, Saturation, CTC)		(please see detailed color macro chart)	0
9	Color Macro Crossfade (Transition Time between Color Macros)	000 - 005	no function	0
		006-105	0,1s - 10s (0,1s steps)	
		106-214	11s - 119s (1s steps)	
		215-244	2m - 4m50s (10s steps)	
		245-255	5m - 15m (1m steps)	
10	Device Settings (please see remark *1)	000-029	No function	0
		030-034	Linear Dimmer Curve (hold 3s)	
		035-039	Exponential Dimmer Curve (hold 3s)	
		040-044	Logarithmic Dimmer Curve (hold 3s)	
		045-049	S-Curve Dimmer Curve (hold 3s)	
		050-054	Dimmer Response LED (hold 1,5s)	
		055-059	Dimmer Response Halogen (hold 1,5s)	
		060-094	No function	
		095-099	LED Frequency 800Hz (hold 3s)	
		100-104	LED Frequency 1200Hz (hold 3s)	
		105-109	LED Frequency 2000Hz (hold 3s)	
		110-114	LED Frequency 3600Hz (hold 3s)	
		115-119	LED Frequency 12kHz (hold 3s)	
		120-124	LED Frequency 25kHz (hold 3s)	
		125-129	No function	

10	Device Settings (please see remark *1)	140-144	Fan Auto 1 (hold 3s)		0	
		145-149	Fan Auto 2 (hold 3s)			
		150-154	Fan Silent (hold 3s)			
		155-159	Fan Studio (hold 3s)			
		160-164	Fan Off (hold 3s)			
		165-169	Fan High Power (hold 3s)			
		170-174	No function			
		175-179	Redshift On (Hold 1,5s / affects only between 2700-3500K)			
		180-184	Redshift Off (hold 1,5s)			
		185-189	Normal CRI (Hold 1,5s)			
		190-194	High CRi (Hold 1,5s)			
		195-244	Factory Reset (hold 3s) (except User Reset defaults)	please set Shutter Channel to DMX 250 together		
		185-189	User Reset (hold 3s) except User Colors	please set Shutter Channel to DMX 250 together		
		190-244	No function			
		245-249	Snapshot (hold 1,5s)			
250-255	No function					
<p>Remark *1 - After adjustments please set the value back to 000 to avoid any disturbance by endless function call.</p> <p>For more and detailed information about the different reset options please refer to chapter "5.4.6.1 Reset functions"</p>						

