MATRIX ST2 IP DMX CHART

00 DMX Channel Modes

This chart lists the DMX512 channel modes of the SSP Matrix ST2 IP LED strobe. Select one mode on the fixture and assign the channels in the order shown in the matching table. DMX values are inclusive ranges from 0 to 255.

Setting	Range / options	Display menu
channel pattern	15CH / 39CH / 71CH / 112CH / 178CH / 209CH / 275CH	System Settings

01 15 Channel Mode (Mode 1)

Channel	DMX value	Description
1 Total dimming	0–255	Total dimming
2 Middle white dimming	0–255	Middle white dimming
3 White flicker in the middle	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
4 White space duration	–	Only affects Flash Mode 1 (025-064)
	0–255	White space duration
5 Single tube (1-4) dimming	0–255	Single tube (1-4) dimming
6 Single tube (1-4) - Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light

Channel	DMX value	Description
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
7 Single tube (1-4) - Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube (1-4) - Duration
8 RGB (1+2) -Dim	0–255	RGB (1+2) -Dim
9 RGB (1+2) -Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light

Channel	DMX value	Description
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
10 RGB(1+2) - Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB(1+2) - Duration
11 RGB(1+2) -Red	0–255	RGB(1+2) -Red
12 RGB(1+2) -Green	0–255	RGB(1+2) -Green
13 RGB(1+2) -Blue	0–255	RGB(1+2) -Blue
14 RGB(1+2) - CTC	–	Based on CTC images
	0–4	7000K
	5–226	2000K-6500 K linear, 20-21 K steps (see CTC table for details)
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line with a step size of 120-121K (see CTC table for details)
15 Device Settings	0–19	NF
	20–24	Show backlight (hold for 3 seconds)
	25–29	Show backlight off (hold for 3 seconds)
	30–34	NF
	35–39	DMX no signal black field (hold for 3 seconds)
	40–44	DMX no signal hold (hold for 3 seconds)
	45–49	DMX no-signal emergency lighting (3 seconds)
	50–54	NF
	55–59	NF
	60–64	NF
	65–69	NF
	70–74	NF
	75–79	NF
	80–84	NF
	85–89	NF
	90–94	NF
	95–99	NF
	100–104	NF
	105–109	Fan Auto (hold for 3 seconds)
	110–114	Fan mute (hold for 3 seconds)
	115–119	Fan off (hold for 3 seconds)
	120–124	Fan maximum power (hold for 3 seconds)
	125–129	NF
	130–134	Reverse RGB panel 1 off (hold for 1.5 seconds)

Channel	DMX value	Description
	135–139	Reverse RGB panel 1 on (hold for 1.5 seconds)
	140–144	Reverse RGB panel 2 off (hold for 1.5 seconds)
	145–149	Reverse RGB panel 2 open (hold for 1.5 seconds)
	150–154	Reverse middle white (hold 1.5 seconds)
	155–159	Reverse middle white (hold 1.5 seconds)
	160–164	Reverse single tube 1 off (hold for 1.5 seconds)
	165–169	Reverse single tube 1 on (hold for 1.5s)
	170–174	Reverse single tube 2 off (hold for 1.5 seconds)
	175–179	Reverse single tube 2 on (hold for 1.5 seconds)
	180–184	Reverse single tube 3 off (hold for 1.5 seconds)
	185–189	Reverse single tube 3 on (hold for 1.5 seconds)
	190–194	Reverse single tube 4 off (hold for 1.5 seconds)
	195–199	Reverse single tube 4 open (hold for 1.5 seconds)
	200–204	Disable RGB panel (hold for 1.5 seconds)
	205–209	Switch to RGB panel (hold for 1.5 seconds)
	210–214	Close the exchange single tube (hold for 1.5 seconds)
	215–219	Open the exchange single tube (hold for 1.5 seconds)
	220–224	NF
	225–229	NF
	230–234	NF
	235–239	NF
	240–244	Y-axis reset
	245–249	NF
	250–255	NF

02 39 Channel Mode (Mode 2)

Channel	DMX value	Description
1 Total dimming	0–255	Total dimming
2 Middle white dimming	0–255	Middle white dimming
3 White flicker in the middle	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
4 White space duration	–	Only affects Flash Mode 1 (025-064)
	0–255	White space duration
5 Center effect dimming	0–255	Center effect dimming
6 Center effect selection	–	Based on the pipe diagram
	0–255	Center effect selection
7 Select X-bleach for the central tube	0–255	obligate
8 Center effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease

Channel	DMX value	Description
9 Center effect faded	0–5	NF
	6–255	Fade duration from short to long
10 Central tube space	0–255	obligate
11 Single tube (1-4) dimming	0–255	Single tube (1-4) dimming
12 Single tube (1-4) - Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
13 Single tube (1-4) - Continuous	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube (1-4) - Continuous
14 Single tube (1-4) dimming effect	0–255	Single tube (1-4) dimming effect
15 Single tube (1-4) - Static effect	–	Based on the pipe diagram
	0–255	Single tube (1-4) - Static effect
16 Select X fade for single tube (1-4) mode	0–255	obligate
17 Single Tube Group (1-4) - Dynamic Effect	–	Based on the pipe group mode diagram
	0–255	Single Tube Group (1-4) -Dynamic Effect
18 Single tube group (1-4) mode selection: Light X	0–255	obligate
19 Single tube (1-4) mode speed	0–5	cease

Channel	DMX value	Description
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
20 Single tube (1-4) effect faded	–	—
	70–84	NF
	85–89	Fade duration from short to long
	–	—
21 Single root canal (1-4 roots) - Pattern space	0–255	obligate
22 RGB panel (1+2) - dim	0–255	RGB panel (1+2) - dim
23 RGB panel (1+2) - Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
24 RGB panel (1+2) - Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB panel (1+2) - Duration
25 RGB panel (1+2) - Red	0–255	RGB panel (1+2) - Red
26 RGB panel (1+2) - Green	0–255	RGB panel (1+2) - Green
27 RGB panel (1+2) - Blue	0–255	RGB panel (1+2) - Blue

Channel	DMX value	Description
28 RGB Panel (1+2) - CTC	–	Based on CTC images
	0–4	7000K
	5–226	The K-line shows a linear distribution with a step size of 20-21K (see CTC chart for details).
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line at the 120-121K level (see detailed CTC chart)
29 RGB Panel (1+2) - Effect Dim	0–255	RGB Panel (1+2) - Effect Dim
30 RGB Panel (1+2) - Effect Selection	0–255	RGB Panel (1+2) - Effect Selection
31 RGB Panel (1+2) - Pattern Selection X-Bleach	0–255	obligate
32 RGB Panel (1+2) - Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
33 RGB Panel (1+2) - Fade Effect	0–5	NF
	6–255	Fade duration from short to long
34 RGB Panel (1+2) - Pattern Space	0–41	obligate
	–	—
35 RGB Panel (1+2) - Red Effect	0–255	RGB Panel (1+2) - Red Effect
36 RGB Panel (1+2) - Green Effect	0–255	RGB Panel (1+2) - Green Effect
37 RGB Panel (1+2) - Blue Effect	0–255	RGB Panel (1+2) - Blue Effect
38 RGB Panel (1+2) - Mode CTC	–	Based on CTC images
	0–4	7000K
	5–226	The K-line is linearly distributed with a step size of 20-21K (see CTC chart for details).
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line at the 120-121K level (see detailed CTC chart)
39 Device Settings	0–5	NF
	6–10	Show backlight (hold for 3 seconds)
	11–15	Show backlight off (hold for 3 seconds)
	16–18	NF
	19–23	DMX no signal black field (hold for 3 seconds)
	24–28	DMX no signal hold (hold for 3 seconds)
	29–33	DMX no-signal emergency lighting (3 seconds)

Channel	DMX value	Description
	34–36	NF
	37–41	Linear dimming curve (hold for 1.5 seconds)
	42–46	Exponential dimming curve (hold for 1.5 seconds)
	47–51	Logarithmic dimming curve (hold for 1.5s)
	52–56	S dimming curve (hold for 1.5 seconds)
	57–61	NF
	62–66	Quick dim (hold for 1.5 seconds)
	67–71	Medium dimming (hold for 1.5 seconds)
	72–76	Slow dim (hold for 1.5 seconds)
	77–80	NF
	81–85	NF
	86–90	NF
	91–93	NF
	94–98	NF
	99–103	NF
	104–108	NF
	109–113	NF
	114–118	NF
	119–123	NF
	124–126	NF
	127–131	Fan Auto (hold for 3 seconds)
	132–136	Fan mute (hold for 3 seconds)
	137–141	Fan off (hold for 3 seconds)
	142–146	Maximum fan power (hold for 3 seconds)
	147–149	NF
	150–153	Reverse RGB panel 1 off (hold for 1.5 seconds)
	154–157	Reverse RGB panel 1 on (hold for 1.5 seconds)
	158–161	Reverse RGB panel 2 off (hold for 1.5 seconds)
	162–165	Reverse RGB panel 2 open (hold for 1.5 seconds)
	166–169	Reverse middle white (hold 1.5 seconds)
	170–173	Reverse middle white (hold 1.5 seconds)
	174–177	Reverse single tube 1 off (hold for 1.5 seconds)
	178–181	Reverse single tube 1 on (hold for 1.5s)
	182–185	Reverse single tube 2 off (hold for 1.5 seconds)
	186–189	Reverse single tube 2 on (hold for 1.5 seconds)
	190–193	Reverse single tube 3 off (hold for 1.5 seconds)
	194–197	Reverse single tube 3 on (hold for 1.5 seconds)

Channel	DMX value	Description
	198–201	Reverse single tube 4 off (hold for 1.5 seconds)
	202–205	Reverse single tube 4 open (hold for 1.5 seconds)
	206–209	Disable RGB panel (hold for 1.5 seconds)
	210–213	Switch to RGB panel (hold for 1.5 seconds)
	214–217	Close the exchange single tube (hold for 1.5 seconds)
	218–221	Open the exchange single tube (hold for 1.5 seconds)
	222–224	NF
	225–234	Y-axis reset
	235–255	NF

03 71 Channel Mode (Mode 3)

Channel	DMX value	Description
1 Total dimming	0–255	Total dimming
2 Middle white dimming	0–255	Middle white dimming
3 White flicker in the middle	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
4 White space duration	–	Only affects Flash Mode 1 (025-064)
	0–255	White space duration
5 Center effect dimming	0–255	Center effect dimming
6 Center effect selection	–	Based on the pipe diagram
	0–255	Center effect selection
7 Select X-bleach for the central tube	0–255	obligate
8 Center effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease

Channel	DMX value	Description
9 Center effect faded	0–5	NF
	6–255	Fade duration from short to long
10 Central tube space	0–255	obligate
11 Single tube 1 dim	0–255	Single tube 1 dim
12 Single Tube 1-Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
13 Single tube 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 1-Duration
14 Single tube 1-Effect dimming	0–255	Single tube 1-Effect dimming
15 Single Tube 1-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 1-Effect Selection
16 Select X-bleach for single tube 1	0–255	obligate
17 Single tube 1 effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease

Channel	DMX value	Description
18 Single tube 1 effect faded	0–5	NF
	6–255	Fade duration from short to long
19 Single Tube 1 Mode Space	0–255	obligate
20 Single tube 2 dim	0–255	Single tube 2 dim
21 Single Tube 2-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
22 Single tube 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 2-Duration
23 Single tube 2-Effect dimming	0–255	Single tube 2-Effect dimming
24 Single Tube 2-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 2-Effect Selection
25 Single tube 2 select X-bleach	0–255	obligate
26 Single Tube 2 Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease

Channel	DMX value	Description
27 Single tube 2 effect fade	0–5	NF
	6–255	Fade duration from short to long
28 Single Tube 2 Mode Space	0–255	obligate
29 Single tube 3 dim	0–255	Single tube 3 dim
30 Single Tube 3-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
31 Single tube 3-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 3-Duration
32 Single tube 3-Effect dimming	0–255	Single tube 3-Effect dimming
33 Single Tube 3-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 3-Effect Selection
34 Single tube 3 select X-bleach	0–255	obligate
35 Single Tube 3 Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease

Channel	DMX value	Description
36 Single tube 3 effect fade	0–5	NF
	6–255	Fade duration from short to long
37 Single Tube 3 Mode Space	0–255	obligate
38 Single tube 4 dim	0–255	Single tube 4 dim
39 Single Tube 4-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
40 Single tube 4-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 4-Duration
41 Single tube 4-Effect dimming	0–255	Single tube 4-Effect dimming
42 Single Tube 4-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 4-Effect Selection
43 Single tube 4 select X-bleach	0–255	obligate
44 Single tube 4 effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease

Channel	DMX value	Description
15 Single tube 4 effect fade	0–5	NF
	6–255	Fade duration from short to long
46 Single Tube 4 Mode Space	0–255	obligate
47 Single tube group (1-4) dimming	0–255	Single tube group (1-4) dimming
48 Single tube group (1-4) effect selection	–	Based on the pipe cluster mode chart
	0–255	Single tube group (1-4) effect selection
49 Change X fade for single tube group (1-4)	0–255	obligate
50 Single tube group (1-4) effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
51 Single tube group (1-4) effect faded	0–5	NF
	6–255	Fade duration from short to long
52 Single Tube Group (1-4) Mode Space	0–255	obligate
53 RGB panel (1+2) -dim	0–255	RGB panel (1+2) -dim
54 RGB panel (1+2) - Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light

Channel	DMX value	Description
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
55 RGB panel (1+2) - Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB panel (1+2) - Duration
56 RGB panel (1+2) -Red	0–255	RGB panel (1+2) -Red
57 RGB panel (1+2) - Green	0–255	RGB panel (1+2) - Green
58 RGB panel (1+2) -Blue	0–255	RGB panel (1+2) -Blue
59 RGB Panel (1+2) -CTC	–	Affects RGB panel 1, +, 2 and mode
	–	Based on CTC images
	0–4	7000K
	5–226	2000K-6500 K linear, 20-21 K steps (see CTC table for details)
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line with a step size of 120-121K (see CTC table for details)
60 RGB Panel (1+2) - Color Macro	–	Based on the ROXX color macro chart
	0–255	RGB Panel (1+2) - Color Macro
61 RGB panel (1+2) - Color macro x-Bleach	0–255	obligate
62 RGB Panel (1+2) - Effect Dim	0–255	RGB Panel (1+2) - Effect Dim
63 RGB Panel (1+2) - Effect Selection	0–255	RGB Panel (1+2) - Effect Selection
64 RGB Panel (1+2) - Pattern Selection X-Bleach	0–255	obligate
65 RGB Panel (1+2) - Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
66 RGB Panel (1+2) -Fade Effect	0–5	NF
	6–255	Fade duration from short to long
67 RGB Panel (1+2) - Pattern Space	0–255	obligate
68 RGB Panel (1+2) -Red Effect	0–255	RGB Panel (1+2) -Red Effect
69 RGB Panel (1+2) - Green Effect	0–255	RGB Panel (1+2) - Green Effect
70 RGB Panel (1+2) -Blue Effect	0–255	RGB Panel (1+2) -Blue Effect
71 Device Settings	0–5	NF
	6–10	Show backlight (hold for 3 seconds)
	11–15	Show backlight off (hold for 3 seconds)

Channel	DMX value	Description
	16–18	NF
	19–23	DMX no signal black field (hold for 3 seconds)
	24–28	DMX no signal hold (hold for 3 seconds)
	29–33	DMX no-signal emergency lighting (hold for 3 seconds)
	34–36	NF
	37–41	Linear dimming curve (hold for 1.5 seconds)
	42–46	Exponential dimming curve (hold for 1.5 seconds)
	47–51	Logarithmic dimming curve (hold for 1.5s)
	52–56	S dimming curve (hold for 1.5 seconds)
	57–61	NF
	62–66	Quick dim (hold for 1.5 seconds)
	67–71	Medium dimming (hold for 1.5 seconds)
	72–76	Slow dim (hold for 1.5 seconds)
	77–80	NF
	81–85	NF
	86–90	NF
	91–93	NF
	94–98	NF
	99–103	NF
	104–108	NF
	109–113	NF
	114–118	NF
	119–123	NF
	124–126	NF
	127–131	Fan Auto (hold for 3 seconds)
	132–136	Fan mute (hold for 3 seconds)
	137–141	Fan off (hold for 3 seconds)
	142–146	Maximum fan power (hold for 3 seconds)
	147–149	NF
	150–153	Reverse RGB panel 1 off (hold for 1.5 seconds)
	154–157	Reverse RGB panel 1 on (hold for 1.5 seconds)
	158–161	Reverse RGB panel 2 off (hold for 1.5 seconds)
	162–165	Reverse RGB panel 2 opened (hold for 1.5 seconds)
	166–169	Reverse middle white (hold 1.5 seconds)
	170–173	Reverse middle white (hold 1.5 seconds)
	174–177	Reverse single tube 1 off (hold for 1.5 seconds)
	178–181	Reverse single tube 1 on (hold for 1.5s)

Channel	DMX value	Description
	182–185	Reverse single tube 2 off (hold for 1.5 seconds)
	186–189	Reverse single tube 2 on (hold for 1.5 seconds)
	190–193	Reverse single tube 3 off (hold for 1.5 seconds)
	194–197	Reverse single tube 3 on (hold for 1.5 seconds)
	198–201	Reverse single tube 4 off (hold for 1.5 seconds)
	202–205	Reverse single tube 4 open (hold for 1.5 seconds)
	206–209	Disable RGB panel (hold for 1.5 seconds)
	210–213	Switch to RGB panel (hold for 1.5 seconds)
	214–217	Close the exchange single tube (hold for 1.5 seconds)
	218–221	Open the exchange single tube (hold for 1.5 seconds)
	222–224	NF
	225–234	Y-axis reset
	235–255	NF

04 112 Channel Mode (Mode 4)

Channel	DMX value	Description
1 Middle white dimming	0–255	Middle white dimming
2 White flicker in the middle	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
3 Central tube duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Central tube duration
4 Central tube pixel 1-dimming	0–255	Central tube pixel 1-dimming
5 Central tube pixel 2-dimming	0–255	Central tube pixel 2-dimming
6 Central tube pixel 3-dimming	0–255	Central tube pixel 3-dimming
7 Central tube pixel 4-dimming	0–255	Central tube pixel 4-dimming
8 Central tube pixel 5-dimming	0–255	Central tube pixel 5-dimming
9 Central tube pixel 6-dimming	0–255	Central tube pixel 6-dimming
10 Central tube pixel 7-dimming	0–255	Central tube pixel 7-dimming
11 Central tube pixel 8-dimming	0–255	Central tube pixel 8-dimming
12 Central tube pixel 9-dimming	0–255	Central tube pixel 9-dimming
13 Central tube pixel 10-dimming	0–255	Central tube pixel 10-dimming

Channel	DMX value	Description
14 Central tube pixel 11-dimming	0–255	Central tube pixel 11-dimming
15 Central tube pixel 12-dimming	0–255	Central tube pixel 12-dimming
16 Single Tube 1-Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
17 Single tube 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 1-Duration
18 Single tube 1 pixel 1-dimming	0–255	Single tube 1 pixel 1-dimming
19 Single tube 1 pixel 2-dimming	0–255	Single tube 1 pixel 2-dimming
20 Single tube 1 pixel 3-dimming	0–255	Single tube 1 pixel 3-dimming
21 Single tube 1 pixel 4-dimming	0–255	Single tube 1 pixel 4-dimming
22 Single tube 1 pixel 5-dimming	0–255	Single tube 1 pixel 5-dimming
23 Single tube 1 pixel 6-dimming	0–255	Single tube 1 pixel 6-dimming
24 Single tube 1 pixel 7-dimming	0–255	Single tube 1 pixel 7-dimming
25 Single tube 1 pixel 8-dimming	0–255	Single tube 1 pixel 8-dimming
26 Single tube 1 pixel 9-dimming	0–255	Single tube 1 pixel 9-dimming
27 Single tube 1 pixel 10-dimming	0–255	Single tube 1 pixel 10-dimming

Channel	DMX value	Description
28 Single tube 1 pixel 11-dimming	0–255	Single tube 1 pixel 11-dimming
29 Single tube 1 pixel 12-dimming	0–255	Single tube 1 pixel 12-dimming
30 Single Tube 2-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
31 Single tube 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 2-Duration
32 Single tube 2 pixels 1-dimming	0–255	Single tube 2 pixels 1-dimming
33 Single tube 2 pixels 2-dimming	0–255	Single tube 2 pixels 2-dimming
34 Single tube 2 pixels 3-dimming	0–255	Single tube 2 pixels 3-dimming
35 Single tube 2-pixel 4-dimming	0–255	Single tube 2-pixel 4-dimming
36 Single tube 2 pixels 5-dimming	0–255	Single tube 2 pixels 5-dimming
37 Single tube 2 pixels 6-dim	0–255	Single tube 2 pixels 6-dim
38 Single tube 2-pixel 7-dimming	0–255	Single tube 2-pixel 7-dimming
39 Single tube 2-pixel 8-dimming	0–255	Single tube 2-pixel 8-dimming

Channel	DMX value	Description
40 Single tube 2 pixels 9-dimming	0–255	Single tube 2 pixels 9-dimming
41 Single tube 2 pixels 10-dimming	0–255	Single tube 2 pixels 10-dimming
42 Single tube 2 pixels 11-dimming	0–255	Single tube 2 pixels 11-dimming
43 Single tube 2 pixels 12-dimming	0–255	Single tube 2 pixels 12-dimming
44 Single Tube 3-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
45 Single tube 3-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 3-Duration
46 Single tube 3-pixel 1-dimming	0–255	Single tube 3-pixel 1-dimming
47 Single tube 3-pixel 2-dimming	0–255	Single tube 3-pixel 2-dimming
48 Single tube 3-pixel 3-way dimming	0–255	Single tube 3-pixel 3-way dimming
49 Single tube 3-pixel 4-dimming	0–255	Single tube 3-pixel 4-dimming
50 Single tube 3-pixel 5-dimming	0–255	Single tube 3-pixel 5-dimming
51 Single tube 3-pixel 6-dimming	0–255	Single tube 3-pixel 6-dimming

Channel	DMX value	Description
52 Single tube 3-pixel 7-dimming	0–255	Single tube 3-pixel 7-dimming
53 Single tube 3-pixel 8-dimming	0–255	Single tube 3-pixel 8-dimming
54 Single tube 3-pixel 9-dimming	0–255	Single tube 3-pixel 9-dimming
55 Single tube 3-pixel 10-dimming	0–255	Single tube 3-pixel 10-dimming
56 Single tube 3-pixel 11-dimming	0–255	Single tube 3-pixel 11-dimming
57 Single tube 3-pixel 12-tone dimming	0–255	Single tube 3-pixel 12-tone dimming
58 Single Tube 4-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
59 Single tube 4-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 4-Duration
60 Single tube 4-pixel 1-dimming	0–255	Single tube 4-pixel 1-dimming
61 Single tube 4-pixel 2-tone dimming	0–255	Single tube 4-pixel 2-tone dimming
62 Single tube 4-pixel 3-way dimming	0–255	Single tube 4-pixel 3-way dimming
63 Single tube 4-pixel 4-dimming	0–255	Single tube 4-pixel 4-dimming

Channel	DMX value	Description
64 Single tube 4-pixel 5-dimming	0–255	Single tube 4-pixel 5-dimming
65 Single tube 4-pixel 6-way dimming	0–255	Single tube 4-pixel 6-way dimming
66 Single tube 4-pixel 7-way dimming	0–255	Single tube 4-pixel 7-way dimming
67 Single tube 4-pixel 8-way dimming	0–255	Single tube 4-pixel 8-way dimming
68 Single tube 4-pixel 9-dimming	0–255	Single tube 4-pixel 9-dimming
69 Single tube 4-pixel 10-dimming	0–255	Single tube 4-pixel 10-dimming
70 Single tube 4 pixels 11-dimming	0–255	Single tube 4 pixels 11-dimming
71 Single tube 4-pixel 12-tone dimming	0–255	Single tube 4-pixel 12-tone dimming
72 RGB Panel 1-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
73 RGB Panel 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 1-Duration
74 RGB Panel 1-Red 1	0–255	RGB Panel 1-Red 1
75 RGB Panel 1-Green 1	0–255	RGB Panel 1-Green 1

Channel	DMX value	Description
76 RGB Panel 1-Blue 1	0–255	RGB Panel 1-Blue 1
77 RGB Panel 1-Red 2	0–255	RGB Panel 1-Red 2
78 RGB Panel 1-Green 2	0–255	RGB Panel 1-Green 2
79 RGB Panel 1-Blue 2	0–255	RGB Panel 1-Blue 2
80 RGB Panel 1-Red 3	0–255	RGB Panel 1-Red 3
81 RGB Panel 1-Green 3	0–255	RGB Panel 1-Green 3
82 RGB Panel 1-Blue 3	0–255	RGB Panel 1-Blue 3
83 RGB Panel 1-Red 4	0–255	RGB Panel 1-Red 4
84 RGB Panel 1-Green 4	0–255	RGB Panel 1-Green 4
85 RGB Panel 1-Blue 4	0–255	RGB Panel 1-Blue 4
86 RGB Panel 1-Red 5	0–255	RGB Panel 1-Red 5
87 RGB Panel 1-Green 5	0–255	RGB Panel 1-Green 5
88 RGB Panel 1-Blue 5	0–255	RGB Panel 1-Blue 5
89 RGB Panel 1-Red 6	0–255	RGB Panel 1-Red 6
90 RGB Panel 1-Green 6	0–255	RGB Panel 1-Green 6
91 RGB Panel 1-Blue 6	0–255	RGB Panel 1-Blue 6
92 RGB Panel 2-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)

Channel	DMX value	Description
	245–255	opening the light
93 RGB Panel 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 2-Duration
94 RGB Panel 2-Red 1	0–255	RGB Panel 2-Red 1
95 RGB Panel 2-Green 1	0–255	RGB Panel 2-Green 1
96 RGB Panel 2-Blue 1	0–255	RGB Panel 2-Blue 1
97 RGB Panel 2-Red 2	0–255	RGB Panel 2-Red 2
98 RGB Panel 2-Green 2	0–255	RGB Panel 2-Green 2
99 RGB Panel 2-Blue 2	0–255	RGB Panel 2-Blue 2
100 RGB Panel 2-Red 3	0–255	RGB Panel 2-Red 3
101 RGB Panel 2-Green 3	0–255	RGB Panel 2-Green 3
102 RGB Panel 2-Blue 3	0–255	RGB Panel 2-Blue 3
103 RGB Panel 2-Red 4	0–255	RGB Panel 2-Red 4
104 RGB Panel 2-Green 4	0–255	RGB Panel 2-Green 4
105 RGB Panel 2-Blue 4	0–255	RGB Panel 2-Blue 4
106 RGB Panel 2-Red 5	0–255	RGB Panel 2-Red 5
107 RGB Panel 2-Green 5	0–255	RGB Panel 2-Green 5
108 RGB Panel 2-Blue 5	0–255	RGB Panel 2-Blue 5
109 RGB Panel 2-Red 6	0–255	RGB Panel 2-Red 6
110 RGB Panel 2-Green 6	0–255	RGB Panel 2-Green 6
111 RGB Panel 2-Blue 6	0–255	RGB Panel 2-Blue 6
112 Device Settings	0–5	NF
	6–10	Show backlight (hold for 3 seconds)
	11–15	Show backlight off (hold for 3 seconds)
	16–18	NF
	19–23	DMX no signal black field (hold for 3 seconds)
	24–28	DMX no signal hold (hold for 3 seconds)
	29–33	DMX no-signal emergency lighting (hold for 3 seconds)
	34–36	NF
	37–41	Linear dimming curve (hold for 1.5 seconds)
	42–46	Exponential dimming curve (hold for 1.5 seconds)
	47–51	Logarithmic dimming curve (hold for 1.5s)
	52–56	S dimming curve (hold for 1.5 seconds)
	57–61	NF
	62–66	Quick dim (hold for 1.5 seconds)
	67–71	Medium dimming (hold for 1.5 seconds)
	72–76	Slow dim (hold for 1.5 seconds)

Channel	DMX value	Description
	77–80	NF
	81–85	NF
	86–90	NF
	91–93	NF
	94–98	NF
	99–103	NF
	104–108	NF
	109–113	NF
	114–118	NF
	119–123	NF
	124–126	NF
	127–131	Fan Auto (hold for 3 seconds)
	132–136	Fan mute (hold for 3 seconds)
	137–141	Fan off (hold for 3 seconds)
	142–146	Maximum fan power (hold for 3 seconds)
	147–149	NF
	150–153	Reverse RGB panel 1 off (hold for 1.5 seconds)
	154–157	Reverse RGB panel 1 on (hold for 1.5 seconds)
	158–161	Reverse RGB panel 2 off (hold for 1.5 seconds)
	162–165	Reverse RGB panel 2 open (hold for 1.5 seconds)
	166–169	Reverse middle white (hold 1.5 seconds)
	170–173	Reverse middle white (hold 1.5 seconds)
	174–177	Reverse single tube 1 off (hold for 1.5 seconds)
	178–181	Reverse single tube 1 on (hold for 1.5s)
	182–185	Reverse single tube 2 off (hold for 1.5 seconds)
	186–189	Reverse single tube 2 on (hold for 1.5 seconds)
	190–193	Reverse single tube 3 off (hold for 1.5 seconds)
	194–197	Reverse single tube 3 on (hold for 1.5 seconds)
	198–201	Reverse single tube 4 off (hold for 1.5 seconds)
	202–205	Reverse single tube 4 open (hold for 1.5 seconds)
	206–209	Disable RGB panel (hold for 1.5 seconds)
	210–213	Switch to RGB panel (hold for 1.5 seconds)
	214–217	Close the exchange single tube (hold for 1.5 seconds)
	218–221	Open the exchange single tube (hold for 1.5 seconds)
	222–224	NF
	225–234	Y-axis reset
	235–255	NF

05 178 Channel Mode (Mode 5)

Channel	DMX value	Description
1 Total dimming	0–255	Total dimming
2 Central tube pixel 1-dimming	0–255	Central tube pixel 1-dimming
3 Central tube pixel 2-dimming	0–255	Central tube pixel 2-dimming
4 Central tube pixel 3-dimming	0–255	Central tube pixel 3-dimming
5 Central tube pixel 4-dimming	0–255	Central tube pixel 4-dimming
6 Central tube pixel 5-dimming	0–255	Central tube pixel 5-dimming
7 Central tube pixel 6-dimming	0–255	Central tube pixel 6-dimming
8 Central tube pixel 7-dimming	0–255	Central tube pixel 7-dimming
9 Central tube pixel 8-dimming	0–255	Central tube pixel 8-dimming
10 Central tube pixel 9-dimming	0–255	Central tube pixel 9-dimming
11 Central tube pixel 10-dimming	0–255	Central tube pixel 10-dimming
12 Central tube pixel 11-dimming	0–255	Central tube pixel 11-dimming
13 Central tube pixel 12-dimming	0–255	Central tube pixel 12-dimming
14 White flicker in the middle	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light

Channel	DMX value	Description
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
15 White space duration	–	Only affects Flash Mode 1 (025-064)
	0–255	White space duration
16 Center effect dimming	0–255	Center effect dimming
17 Center effect selection	–	Based on the pipe diagram
	0–255	Center effect selection
18 Select X-bleach for the central tube	0–255	obligate
19 Center effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
20 Center effect faded	0–5	NF
	6–255	Fade duration from short to long
21 Central tube space	0–255	obligate
22 Single tube 1-pixel 1-dimming	0–255	Single tube 1-pixel 1-dimming
23 Single tube 1-pixel 2-dimming	0–255	Single tube 1-pixel 2-dimming
24 Single tube 1-pixel 3-dimming	0–255	Single tube 1-pixel 3-dimming
25 Single tube 1-pixel 4-dimming	0–255	Single tube 1-pixel 4-dimming
26 Single tube 1-pixel 5-dimming	0–255	Single tube 1-pixel 5-dimming
27 Single tube 1-pixel 6-dimming	0–255	Single tube 1-pixel 6-dimming
28 Single tube 1-pixel 7-dimming	0–255	Single tube 1-pixel 7-dimming
29 Single tube 1-pixel 8-dimming	0–255	Single tube 1-pixel 8-dimming
30 Single tube 1-pixel 9-dimming	0–255	Single tube 1-pixel 9-dimming
31 Single tube 1-pixel 10-dimming	0–255	Single tube 1-pixel 10-dimming
32 Single tube 1-pixel 11-dimming	0–255	Single tube 1-pixel 11-dimming
33 Single tube 1-pixel 12-dimming	0–255	Single tube 1-pixel 12-dimming
34 Single Tube 1-Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)

Channel	DMX value	Description
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
35 Single tube 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 1-Duration
36 Single tube 1-Effect dimming	0–255	Single tube 1-Effect dimming
37 Single Tube 1-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 1-Effect Selection
38 Select X-bleach for single tube 1	0–255	obligate
39 Single tube 1 effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
40 Single tube 1 effect faded	0–5	NF
	6–255	Fade duration from short to long
41 Single Tube 1 Mode Space	0–255	obligate
42 Single tube 2 pixels 1-dimming	0–255	Single tube 2 pixels 1-dimming
43 Single tube 2 pixels 2-dimming	0–255	Single tube 2 pixels 2-dimming
44 Single tube 2 pixels 3-dimming	0–255	Single tube 2 pixels 3-dimming
45 Single tube 2-pixel 4-dimming	0–255	Single tube 2-pixel 4-dimming
46 Single tube 2 pixels 5-dimming	0–255	Single tube 2 pixels 5-dimming

Channel	DMX value	Description
47 Single tube 2 pixels 6-dim	0–255	Single tube 2 pixels 6-dim
48 Single tube 2-pixel 7-dimming	0–255	Single tube 2-pixel 7-dimming
49 Single tube 2-pixel 8-dimming	0–255	Single tube 2-pixel 8-dimming
50 Single tube 2 pixels 9-dimming	0–255	Single tube 2 pixels 9-dimming
51 Single tube 2 pixels 10-dimming	0–255	Single tube 2 pixels 10-dimming
52 Single tube 2 pixels 11-dimming	0–255	Single tube 2 pixels 11-dimming
53 Single tube 2 pixels 12-dimming	0–255	Single tube 2 pixels 12-dimming
54 Single Tube 2-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
55 Single tube 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 2-Duration
56 Single tube 2-Effect dimming	0–255	Single tube 2-Effect dimming
57 Single Tube 2-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 2-Effect Selection
58 Single tube 2 select X-bleach	0–255	obligate

Channel	DMX value	Description
59 Single Tube 2 Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
60 Single tube 2 effect fade	0–5	NF
	6–255	Fade duration from short to long
61 Single Tube 2 Mode Space	0–255	obligate
62 Single tube 3-pixel 1-dimming	0–255	Single tube 3-pixel 1-dimming
63 Single tube 3-pixel 2-dimming	0–255	Single tube 3-pixel 2-dimming
64 Single tube 3-pixel 3-way dimming	0–255	Single tube 3-pixel 3-way dimming
65 Single tube 3-pixel 4-dimming	0–255	Single tube 3-pixel 4-dimming
66 Single tube 3-pixel 5-dimming	0–255	Single tube 3-pixel 5-dimming
67 Single tube 3-pixel 6-dimming	0–255	Single tube 3-pixel 6-dimming
68 Single tube 3-pixel 7-dimming	0–255	Single tube 3-pixel 7-dimming
69 Single tube 3-pixel 8-dimming	0–255	Single tube 3-pixel 8-dimming
70 Single tube 3-pixel 9-dimming	0–255	Single tube 3-pixel 9-dimming
71 Single tube 3-pixel 10-dimming	0–255	Single tube 3-pixel 10-dimming
72 Single tube 3-pixel 11-dimming	0–255	Single tube 3-pixel 11-dimming
73 Single tube 3-pixel 12-tone dimming	0–255	Single tube 3-pixel 12-tone dimming
74 Single Tube 3-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)

Channel	DMX value	Description
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
75 Single tube 3-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 3-Duration
76 Single tube 3-Effect dimming	0–255	Single tube 3-Effect dimming
77 Single Tube 3-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 3-Effect Selection
78 Single tube 3 select X-bleach	0–255	obligate
79 Single Tube 3 Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
80 Single tube 3 effect fade	0–5	NF
	6–255	Fade duration from short to long
81 Single Tube 3 Mode Space	0–255	obligate
82 Single tube 4-pixel 1-dimming	0–255	Single tube 4-pixel 1-dimming
83 Single tube 4-pixel 2-tone dimming	0–255	Single tube 4-pixel 2-tone dimming
84 Single tube 4-pixel 3-way dimming	0–255	Single tube 4-pixel 3-way dimming
85 Single tube 4-pixel 4-dimming	0–255	Single tube 4-pixel 4-dimming
86 Single tube 4-pixel 5-dimming	0–255	Single tube 4-pixel 5-dimming
87 Single tube 4-pixel 6-way dimming	0–255	Single tube 4-pixel 6-way dimming
88 Single tube 4-pixel 7-dimming	0–255	Single tube 4-pixel 7-dimming
89 Single tube 4-pixel 8-way dimming	0–255	Single tube 4-pixel 8-way dimming
90 Single tube 4-pixel 9-dimming	0–255	Single tube 4-pixel 9-dimming
91 Single tube 4-pixel 10-dimming	0–255	Single tube 4-pixel 10-dimming
92 Single tube 4 pixels 11-dimming	0–255	Single tube 4 pixels 11-dimming
93 Single tube 4-pixel 12-tone dimming	0–255	Single tube 4-pixel 12-tone dimming

Channel	DMX value	Description
94 Single Tube 4-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
95 Single tube 4-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 4-Duration
96 Single tube 4-Effect dimming	0–255	Single tube 4-Effect dimming
97 Single Tube 4-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 4-Effect Selection
98 Single tube 4 select X-bleach	0–255	obligate
99 Single tube 4 effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
100 Single tube 4 effect fade	0–5	NF
	6–255	Fade duration from short to long
101 Single Tube 4 Mode Space	0–255	obligate
102 Single tube group (1-4) dimming	0–255	Single tube group (1-4) dimming

Channel	DMX value	Description
103 Single tube group (1-4) effect selection	—	Based on the pipe cluster mode chart
	0–255	Single tube group (1-4) effect selection
104 Change X fade for single tube group (1-4)	0–255	obligate
105 Single tube group (1-4) effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
106 Single tube group (1-4) effect faded	0–5	NF
	6–255	Fade duration from short to long
107 Single Tube Group (1-4) Mode Space	0–255	obligate
108 RGB Panel 1-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
109 RGB Panel 1-Duration	—	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 1-Duration
110 RGB Panel 1-Effect Dim	0–255	RGB Panel 1-Effect Dim

Channel	DMX value	Description
111 RGB Panel 1-Effect Selection	–	Based on the RGB panel mode diagram
	0–255	RGB Panel 1-Effect Selection
112 RGB Panel 1-Pattern Selection X-Bleach	0–255	obligate
113 RGB Panel 1-Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
114 RGB Panel 1-Fade Effect	0–5	NF
	6–255	Fade duration from short to long
115 RGB Panel 1-Pattern Space	0–255	obligate
116 RGB Panel 1-Red Effect	0–255	RGB Panel 1-Red Effect
117 RGB Panel 1-Green Effect	0–255	RGB Panel 1-Green Effect
118 RGB Panel 1-Blue Effect	0–255	RGB Panel 1-Blue Effect
119 RGB Panel 1-CTC	–	Based on CTC images
	0–4	7000K
	5–226	2000K-6500 K linear, 20-21 K steps
	182–182	5600K
	183–226	6500K
	227–255	6621K-10.000 K-line with a step size of 120-121K (see CTC table for details)
120 RGB Panel 1-Red 1	0–255	RGB Panel 1-Red 1
121 RGB Panel 1-Green 1	0–255	RGB Panel 1-Green 1
122 RGB Panel 1-Blue 1	0–255	RGB Panel 1-Blue 1
123 RGB Panel 1-Red 2	0–255	RGB Panel 1-Red 2
124 RGB Panel 1-Green 2	0–255	RGB Panel 1-Green 2
125 RGB Panel 1-Blue 2	0–255	RGB Panel 1-Blue 2
126 RGB Panel 1-Red 3	0–255	RGB Panel 1-Red 3
127 RGB Panel 1-Green 3	0–255	RGB Panel 1-Green 3
128 RGB Panel 1-Blue 3	0–255	RGB Panel 1-Blue 3
129 RGB Panel 1-Red 4	0–255	RGB Panel 1-Red 4
130 RGB Panel 1-Green 4	0–255	RGB Panel 1-Green 4
131 RGB Panel 1-Blue 4	0–255	RGB Panel 1-Blue 4
132 RGB Panel 1-Red 5	0–255	RGB Panel 1-Red 5
133 RGB Panel 1-Green 5	0–255	RGB Panel 1-Green 5
134 RGB Panel 1-Blue 5	0–255	RGB Panel 1-Blue 5
135 RGB Panel 1-Red 6	0–255	RGB Panel 1-Red 6

Channel	DMX value	Description
136 RGB Panel 1-Green 6	0–255	RGB Panel 1-Green 6
137 RGB Panel 1-Blue 6	0–255	RGB Panel 1-Blue 6
138 RGB Panel 2-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
139 RGB Panel 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 2-Duration
140 RGB Panel 2-Effect Dim	0–255	RGB Panel 2-Effect Dim
141 RGB Panel 2-Effect Selection	–	From the RGB panel mode diagram
	0–255	RGB Panel 2-Effect Selection
142 RGB Panel 2-Pattern Selection X-Light	0–255	obligate
143 RGB Panel 2-Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
144 RGB Panel 2-Fade Effect	0–5	NF
	6–255	Fade duration from short to long

Channel	DMX value	Description
145 RGB Panel 2-Mode Space	0–255	obligate
146 RGB Panel 2-Red Effect	0–255	RGB Panel 2-Red Effect
147 RGB Panel 2-Green Effect	0–255	RGB Panel 2-Green Effect
148 RGB Panel 2-Blue Effect	0–255	RGB Panel 2-Blue Effect
149 RGB Panel 2-CTC	–	Panel 2 and RGB Panel Mode 2
	–	Protocol to CTC chart
	0–4	7000K
	5–226	2000K-6500 K linear, 20-21 K steps (see CTC table for details)
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line with a step size of 120-121K (see CTC table for details)
150 RGB Panel 2-Red 1	0–255	RGB Panel 2-Red 1
151 RGB Panel 2-Green 1	0–255	RGB Panel 2-Green 1
152 RGB Panel 2-Blue 1	0–255	RGB Panel 2-Blue 1
153 RGB Panel 2-Red 2	0–255	RGB Panel 2-Red 2
154 RGB Panel 2-Green 2	0–255	RGB Panel 2-Green 2
155 RGB Panel 2-Blue 2	0–255	RGB Panel 2-Blue 2
156 RGB Panel 2-Red 3	0–255	RGB Panel 2-Red 3
157 RGB Panel 2-Green 3	0–255	RGB Panel 2-Green 3
158 RGB Panel 2-Blue 3	0–255	RGB Panel 2-Blue 3
159 RGB Panel 2-Red 4	0–255	RGB Panel 2-Red 4
160 RGB Panel 2-Green 4	0–255	RGB Panel 2-Green 4
161 RGB Panel 2-Blue 4	0–255	RGB Panel 2-Blue 4
162 RGB Panel 2-Red 5	0–255	RGB Panel 2-Red 5
163 RGB Panel 2-Green 5	0–255	RGB Panel 2-Green 5
164 RGB Panel 2-Blue 5	0–255	RGB Panel 2-Blue 5
165 RGB Panel 2-Red 6	0–255	RGB Panel 2-Red 6
166 RGB Panel 2-Green 6	0–255	RGB Panel 2-Green 6
167 RGB Panel 2-Blue 6	0–255	RGB Panel 2-Blue 6
168 RGB panel (1+2) effect dimming	0–255	RGB panel (1+2) effect dimming
169 RGB panel (1+2) effect selection	–	RGB panel mode diagram
	0–255	RGB panel (1+2) effect selection
170 RGB panel (1+2) select X-in	0–255	obligate
171 RGB panel (1+2) effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease

Channel	DMX value	Description
	131–249	From right to left / slow to fast
	250–255	cease
172 RGB panel (1+2) effect fade	0–5	NF
	6–255	Fade duration from short to long
173 RGB panel (1+2) mode space	0–255	obligate
174 RGB panel (1+2) effect red	0–255	RGB panel (1+2) effect red
175 RGB panel (1+2) effect green	0–255	RGB panel (1+2) effect green
176 RGB panel (1+2) effect blue	0–255	RGB panel (1+2) effect blue
177 RGB Panel (1+2) CTC	–	Based on CTC images
	0–4	7000K
	5–226	The K-line shows a linear distribution with a step size of 20-21K (see CTC chart for details).
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line at the 120-121K level (see detailed CTC chart)
178 Device Settings	0–5	NF
	6–10	Show backlight (hold for 3 seconds)
	11–15	Show backlight off (hold for 3 seconds)
	16–18	NF
	19–23	DMX no signal black field (hold for 3 seconds)
	24–28	DMX no signal hold (hold for 3 seconds)
	29–33	DMX no-signal emergency lighting (3 seconds)
	34–36	NF
	37–41	Linear dimming curve (hold for 1.5 seconds)
	42–46	Exponential dimming curve (hold for 1.5 seconds)
	47–51	Logarithmic dimming curve (hold for 1.5s)
	52–56	S dimming curve (hold for 1.5 seconds)
	57–61	NF
	62–66	Quick dim (hold for 1.5 seconds)
	67–71	Medium dimming (hold for 1.5 seconds)
	72–76	Slow dim (hold for 1.5 seconds)
	77–80	NF
	81–85	NF
	86–90	NF
	91–93	NF
	94–98	NF
	99–103	NF
	104–108	NF

Channel	DMX value	Description
	109–113	NF
	114–118	NF
	119–123	NF
	124–126	NF
	127–131	Fan Auto (hold for 3 seconds)
	132–136	Fan mute (hold for 3 seconds)
	137–141	Fan off (hold for 3 seconds)
	142–146	Fan maximum power (hold for 3 seconds)
	147–149	NF
	150–153	Reverse RGB panel 1 off (hold for 1.5 seconds)
	154–157	Reverse RGB panel 1 on (hold for 1.5 seconds)
	158–161	Reverse RGB panel 2 off (hold for 1.5 seconds)
	162–165	Reverse RGB panel 2 open (hold for 1.5 seconds)
	166–169	Reverse middle white (hold 1.5 seconds)
	170–173	Reverse middle white (hold 1.5 seconds)
	174–177	Reverse single tube 1 off (hold for 1.5 seconds)
	178–181	Reverse single tube 1 on (hold for 1.5s)
	182–185	Reverse single tube 2 off (hold for 1.5 seconds)
	186–189	Reverse single tube 2 on (hold for 1.5 seconds)
	190–193	Reverse single tube 3 off (hold for 1.5 seconds)
	194–197	Reverse single tube 3 on (hold for 1.5 seconds)
	198–201	Reverse single tube 4 off (hold for 1.5 seconds)
	202–205	Reverse single tube 4 open (hold for 1.5 seconds)
	206–209	Disable RGB panel (hold for 1.5 seconds)
	210–213	Switch to RGB panel (hold for 1.5 seconds)
	214–217	Close the exchange single tube (hold for 1.5 seconds)
	218–221	Open the exchange single tube (hold for 1.5 seconds)
	222–224	NF
	225–234	Y-axis reset
	235–255	NF

06 209 Channel Mode (Mode 6)

Channel	DMX value	Description
1 Total dimming	0–255	Total dimming
2 Global dimming fine adjustment	0–255	Global dimming fine adjustment
3 White flicker in the middle	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
4 Central tube duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Central tube duration
5 Central tube pixel 1-dimming	0–255	Central tube pixel 1-dimming
6 Central tube pixel 1-dimming fine adjustment	0–255	Central tube pixel 1-dimming fine adjustment
7 Central tube pixel 2-dimming	0–255	Central tube pixel 2-dimming
8 Central tube pixel 2-dimming fine adjustment	0–255	Central tube pixel 2-dimming fine adjustment
9 Central tube pixel 3-dimming	0–255	Central tube pixel 3-dimming
10 Central tube pixel 3 dimming fine adjustment	0–255	Central tube pixel 3 dimming fine adjustment
11 Central tube pixel 4-dimming	0–255	Central tube pixel 4-dimming

Channel	DMX value	Description
12 Central tube pixel 4-dimming fine adjustment	0–255	Central tube pixel 4-dimming fine adjustment
13 Central tube pixel 5-dimming	0–255	Central tube pixel 5-dimming
14 Central tube pixel 5-dimming fine adjustment	0–255	Central tube pixel 5-dimming fine adjustment
15 Central tube pixel 6-dimming	0–255	Central tube pixel 6-dimming
16 Central tube pixel 6-dimming fine adjustment	0–255	Central tube pixel 6-dimming fine adjustment
17 Central tube pixel 7-dimming	0–255	Central tube pixel 7-dimming
18 Central tube pixel 7-dimming fine adjustment	0–255	Central tube pixel 7-dimming fine adjustment
19 Central tube pixel 8-dimming	0–255	Central tube pixel 8-dimming
20 Central tube pixel 8-dimming fine adjustment	0–255	Central tube pixel 8-dimming fine adjustment
21 Central tube pixel 9-dimming	0–255	Central tube pixel 9-dimming
22 Central tube pixel 9-dimming fine adjustment	0–255	Central tube pixel 9-dimming fine adjustment
23 Central tube pixel 10-dimming	0–255	Central tube pixel 10-dimming
24 Central tube pixel 10-dimming fine adjustment	0–255	Central tube pixel 10-dimming fine adjustment
25 Central tube pixel 11-dimming	0–255	Central tube pixel 11-dimming
26 Central tube pixel 11-dimming fine adjustment	0–255	Central tube pixel 11-dimming fine adjustment
27 Central tube pixel 12-dimming	0–255	Central tube pixel 12-dimming
28 Central tube pixel 12-dimming fine adjustment	0–255	Central tube pixel 12-dimming fine adjustment
29 Single Tube 1-Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)

Channel	DMX value	Description
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
30 Single tube 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 1-Duration
31 Single tube 1 pixel 1-dimming	0–255	Single tube 1 pixel 1-dimming
32 Single tube 1 pixel 1-dimming fine adjustment	0–255	Single tube 1 pixel 1-dimming fine adjustment
33 Single tube 1 pixel 2-dimming	0–255	Single tube 1 pixel 2-dimming
34 Single tube 1 pixel 2-dimming fine adjustment	0–255	Single tube 1 pixel 2-dimming fine adjustment
35 Single tube 1 pixel 3-dimming	0–255	Single tube 1 pixel 3-dimming
36 Single tube 1 pixel 3-dimming fine adjustment	0–255	Single tube 1 pixel 3-dimming fine adjustment
37 Single tube 1 pixel 4-dimming	0–255	Single tube 1 pixel 4-dimming
38 Single-pixel 4-way dimming adjustment	0–255	Single-pixel 4-way dimming adjustment
39 Single tube 1 pixel 5-dimming	0–255	Single tube 1 pixel 5-dimming
40 Single tube 1 pixel 5-dimming fine adjustment	0–255	Single tube 1 pixel 5-dimming fine adjustment
41 Single tube 1 pixel 6-dimming	0–255	Single tube 1 pixel 6-dimming
42 Single tube 1 pixel 6-dimming fine adjustment	0–255	Single tube 1 pixel 6-dimming fine adjustment
43 Single tube 1 pixel 7-dimming	0–255	Single tube 1 pixel 7-dimming
44 Single-pixel 7-way dimming adjustment	0–255	Single-pixel 7-way dimming adjustment
45 Single tube 1 pixel 8-dimming	0–255	Single tube 1 pixel 8-dimming
46 Single tube 1 pixel 8-dimming fine adjustment	0–255	Single tube 1 pixel 8-dimming fine adjustment
47 Single tube 1 pixel 9-dimming	0–255	Single tube 1 pixel 9-dimming
48 Single tube 1 pixel 9-dimming fine adjustment	0–255	Single tube 1 pixel 9-dimming fine adjustment
49 Single tube 1 pixel 10-dimming	0–255	Single tube 1 pixel 10-dimming

Channel	DMX value	Description
50 Single tube 1 pixel 10-dimming fine adjustment	0–255	Single tube 1 pixel 10-dimming fine adjustment
51 Single tube 1 pixel 11-dimming	0–255	Single tube 1 pixel 11-dimming
52 Single tube 1 pixel 11-dimming fine adjustment	0–255	Single tube 1 pixel 11-dimming fine adjustment
53 Single tube 1 pixel 12-dimming	0–255	Single tube 1 pixel 12-dimming
54 Single tube 1 pixel 12-dimming fine adjustment	0–255	Single tube 1 pixel 12-dimming fine adjustment
55 Single Tube 2-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
56 Single tube 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 2-Duration
57 Single tube 2 pixels 1-dimming	0–255	Single tube 2 pixels 1-dimming
58 Single tube 2 pixels 1-dimming fine adjustment	0–255	Single tube 2 pixels 1-dimming fine adjustment
59 Single tube 2 pixels 2-dimming	0–255	Single tube 2 pixels 2-dimming

Channel	DMX value	Description
60 Single tube 2-pixel 2-tone dimming fine adjustment	0–255	Single tube 2-pixel 2-tone dimming fine adjustment
61 Single tube 2 pixels 3-dimming	0–255	Single tube 2 pixels 3-dimming
62 Single tube 2-pixel 3-dimming fine adjustment	0–255	Single tube 2-pixel 3-dimming fine adjustment
63 Single tube 2-pixel 4-dimming	0–255	Single tube 2-pixel 4-dimming
64 Single tube 2-pixel 4-tone dimming fine adjustment	0–255	Single tube 2-pixel 4-tone dimming fine adjustment
65 Single tube 2 pixels 5-dimming	0–255	Single tube 2 pixels 5-dimming
66 Single tube 2-pixel 5-dimming fine adjustment	0–255	Single tube 2-pixel 5-dimming fine adjustment
67 Single tube 2 pixels 6-dim	0–255	Single tube 2 pixels 6-dim
68 Single tube 2-pixel 6-dimming fine adjustment	0–255	Single tube 2-pixel 6-dimming fine adjustment
69 Single tube 2-pixel 7-dimming	0–255	Single tube 2-pixel 7-dimming
70 Single tube 2-pixel 7-tone dimming fine adjustment	0–255	Single tube 2-pixel 7-tone dimming fine adjustment
71 Single tube 2-pixel 8-dimming	0–255	Single tube 2-pixel 8-dimming
72 Single tube 2-pixel 8-tone dimming fine adjustment	0–255	Single tube 2-pixel 8-tone dimming fine adjustment
73 Single tube 2 pixels 9-dimming	0–255	Single tube 2 pixels 9-dimming
74 Single tube 2-pixel 9-DIMM fine adjustment	0–255	Single tube 2-pixel 9-DIMM fine adjustment
75 Single tube 2 pixels 10-dimming	0–255	Single tube 2 pixels 10-dimming
76 Single tube 2-pixel 10-dimming fine adjustment	0–255	Single tube 2-pixel 10-dimming fine adjustment
77 Single tube 2 pixels 11-dimming	0–255	Single tube 2 pixels 11-dimming
78 Single tube 2 pixels 11-dimming fine adjustment	0–255	Single tube 2 pixels 11-dimming fine adjustment
79 Single tube 2 pixels 12-dimming	0–255	Single tube 2 pixels 12-dimming
80 Single tube 2-pixel 12-tone dimming fine adjustment	0–255	Single tube 2-pixel 12-tone dimming fine adjustment
81 Single Tube 3-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)

Channel	DMX value	Description
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
82 Single tube 3-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 3-Duration
83 Single tube 3-pixel 1-dimming	0–255	Single tube 3-pixel 1-dimming
84 Single tube 3-pixel 1-dimming fine adjustment	0–255	Single tube 3-pixel 1-dimming fine adjustment
85 Single tube 3-pixel 2-dimming	0–255	Single tube 3-pixel 2-dimming
86 Single tube 3-pixel 2-tone dimming fine adjustment	0–255	Single tube 3-pixel 2-tone dimming fine adjustment
87 Single tube 3-pixel 3-dimming	0–255	Single tube 3-pixel 3-dimming
88 Single tube 3-pixel 3-way dimming fine adjustment	0–255	Single tube 3-pixel 3-way dimming fine adjustment
89 Single tube 3-pixel 4-dimming	0–255	Single tube 3-pixel 4-dimming
90 Single tube 3-pixel 4-tone dimming fine adjustment	0–255	Single tube 3-pixel 4-tone dimming fine adjustment
91 Single tube 3-pixel 5-dimming	0–255	Single tube 3-pixel 5-dimming
92 Single tube 3-pixel 5-dimming fine adjustment	0–255	Single tube 3-pixel 5-dimming fine adjustment
93 Single tube 3-pixel 6-dimming	0–255	Single tube 3-pixel 6-dimming
94 Single tube 3-pixel 6-dimming fine adjustment	0–255	Single tube 3-pixel 6-dimming fine adjustment
95 Single tube 3-pixel 7-dimming	0–255	Single tube 3-pixel 7-dimming
96 Single tube 3-pixel 7-tone dimming fine adjustment	0–255	Single tube 3-pixel 7-tone dimming fine adjustment

Channel	DMX value	Description
97 Single tube 3-pixel 8-way dimming	0–255	Single tube 3-pixel 8-way dimming
98 Single tube 3-pixel 8-way dimming fine adjustment	0–255	Single tube 3-pixel 8-way dimming fine adjustment
99 Single tube 3-pixel 9-dimming	0–255	Single tube 3-pixel 9-dimming
100 Single tube 3-pixel 9-dimming fine adjustment	0–255	Single tube 3-pixel 9-dimming fine adjustment
101 Single tube 3-pixel 10-dimming	0–255	Single tube 3-pixel 10-dimming
102 Single tube 3-pixel 10-dimming fine adjustment	0–255	Single tube 3-pixel 10-dimming fine adjustment
103 Single tube 3-pixel 11-dimming	0–255	Single tube 3-pixel 11-dimming
104 Single tube 3-pixel 11-dimming fine adjustment	0–255	Single tube 3-pixel 11-dimming fine adjustment
105 Single tube 3-pixel 12-tone dimming	0–255	Single tube 3-pixel 12-tone dimming
106 Single tube 3-pixel 12-tone dimming fine adjustment	0–255	Single tube 3-pixel 12-tone dimming fine adjustment
107 Single Tube 4-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light

Channel	DMX value	Description
108 Single tube 4-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 4-Duration
109 Single tube 4-pixel 1-dimming	0–255	Single tube 4-pixel 1-dimming
110 Single tube 4-pixel 1-dimming fine adjustment	0–255	Single tube 4-pixel 1-dimming fine adjustment
111 Single tube 4-pixel 2-tone dimming	0–255	Single tube 4-pixel 2-tone dimming
112 Single tube 4-pixel 2-tone dimming fine adjustment	0–255	Single tube 4-pixel 2-tone dimming fine adjustment
113 Single tube 4-pixel 3-way dimming	0–255	Single tube 4-pixel 3-way dimming
114 Single tube 4-pixel 3-way dimming fine adjustment	0–255	Single tube 4-pixel 3-way dimming fine adjustment
115 Single tube 4-pixel 4-dimming	0–255	Single tube 4-pixel 4-dimming
116 Single tube 4-pixel 4-tone dimming fine adjustment	0–255	Single tube 4-pixel 4-tone dimming fine adjustment
117 Single tube 4-pixel 5-dimming	0–255	Single tube 4-pixel 5-dimming
118 Single tube 4-pixel 5-tone dimming fine adjustment	0–255	Single tube 4-pixel 5-tone dimming fine adjustment
119 Single tube 4-pixel 6-way dimming	0–255	Single tube 4-pixel 6-way dimming
120 Single tube 4-pixel 6-tone dimming fine adjustment	0–255	Single tube 4-pixel 6-tone dimming fine adjustment
121 Single tube 4-pixel 7-dimming	0–255	Single tube 4-pixel 7-dimming
122 Single tube 4-pixel 7-tone dimming fine adjustment	0–255	Single tube 4-pixel 7-tone dimming fine adjustment
123 Single tube 4-pixel 8-way dimming	0–255	Single tube 4-pixel 8-way dimming
124 Single tube 4-pixel 8-way dimming fine adjustment	0–255	Single tube 4-pixel 8-way dimming fine adjustment
125 Single tube 4-pixel 9-dimming	0–255	Single tube 4-pixel 9-dimming
126 Single tube 4-pixel 9-DIMM fine adjustment	0–255	Single tube 4-pixel 9-DIMM fine adjustment
127 Single tube 4-pixel 10-dimming	0–255	Single tube 4-pixel 10-dimming
128 Single tube 4-pixel 10-dimming fine adjustment	0–255	Single tube 4-pixel 10-dimming fine adjustment
129 Single tube 4 pixels 11-dimming	0–255	Single tube 4 pixels 11-dimming
130 Single tube 4-pixel 11-dimming fine adjustment	0–255	Single tube 4-pixel 11-dimming fine adjustment
131 Single tube 4-pixel 12-tone dimming	0–255	Single tube 4-pixel 12-tone dimming

Channel	DMX value	Description
132 Single tube 4 pixels 12-dimming fine adjustment	0–255	Single tube 4 pixels 12-dimming fine adjustment
133 RGB Panel 1-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
134 RGB Panel 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 1-Duration
135 RGB Panel 1-Red 1	0–255	RGB Panel 1-Red 1
136 RGB Panel 1-Red 1 Fine Tune	0–255	RGB Panel 1-Red 1 Fine Tune
137 RGB Panel 1-Green 1	0–255	RGB Panel 1-Green 1
138 RGB Panel 1-Green 1 Fine Tune	0–255	RGB Panel 1-Green 1 Fine Tune
139 RGB Panel 1-Blue 1	0–255	RGB Panel 1-Blue 1
140 RGB Panel 1-Blue 1 Fine Tune	0–255	RGB Panel 1-Blue 1 Fine Tune
141 RGB Panel 1-Red 2	0–255	RGB Panel 1-Red 2
142 RGB Panel 1-Red 2 Fine Tune	0–255	RGB Panel 1-Red 2 Fine Tune
143 RGB Panel 1-Green 2	0–255	RGB Panel 1-Green 2
144 RGB panel 1-Green 2 fine adjustment	0–255	RGB panel 1-Green 2 fine adjustment

Channel	DMX value	Description
145 RGB Panel 1-Blue 2	0–255	RGB Panel 1-Blue 2
146 RGB Panel 1-Blue 2 Fine Tune	0–255	RGB Panel 1-Blue 2 Fine Tune
147 RGB Panel 1-Red 3	0–255	RGB Panel 1-Red 3
148 RGB Panel 1-Red 3 Fine Tune	0–255	RGB Panel 1-Red 3 Fine Tune
149 RGB Panel 1-Green 3	0–255	RGB Panel 1-Green 3
150 RGB Panel 1-Green 3 Fine Tune	0–255	RGB Panel 1-Green 3 Fine Tune
151 RGB Panel 1-Blue 3	0–255	RGB Panel 1-Blue 3
152 RGB Panel 1-Blue 3 Fine Tune	0–255	RGB Panel 1-Blue 3 Fine Tune
153 RGB Panel 1-Red 4	0–255	RGB Panel 1-Red 4
154 RGB Panel 1-Red 4 Fine Tune	0–255	RGB Panel 1-Red 4 Fine Tune
155 RGB Panel 1-Green 4	0–255	RGB Panel 1-Green 4
156 RGB Panel 1-Green 4 Fine Tune	0–255	RGB Panel 1-Green 4 Fine Tune
157 RGB Panel 1-Blue 4	0–255	RGB Panel 1-Blue 4
158 RGB Panel 1-Blue 4 Fine Tune	0–255	RGB Panel 1-Blue 4 Fine Tune
159 RGB Panel 1-Red 5	0–255	RGB Panel 1-Red 5
160 RGB Panel 1-Red 5 Fine Tune	0–255	RGB Panel 1-Red 5 Fine Tune
161 RGB Panel 1-Green 5	0–255	RGB Panel 1-Green 5
162 RGB Panel 1-Green 5 Fine Tune	0–255	RGB Panel 1-Green 5 Fine Tune
163 RGB Panel 1-Blue 5	0–255	RGB Panel 1-Blue 5
164 RGB Panel 1-Blue 5 Fine Tune	0–255	RGB Panel 1-Blue 5 Fine Tune
165 RGB Panel 1-Red 6	0–255	RGB Panel 1-Red 6
166 RGB Panel 1-Red 6 Fine Tune	0–255	RGB Panel 1-Red 6 Fine Tune
167 RGB Panel 1-Green 6	0–255	RGB Panel 1-Green 6
168 RGB Panel 1-Green 6 Fine Tune	0–255	RGB Panel 1-Green 6 Fine Tune
169 RGB Panel 1-Blue 6	0–255	RGB Panel 1-Blue 6
170 RGB Panel 1-Blue 6 Fine Tune	0–255	RGB Panel 1-Blue 6 Fine Tune
171 RGB Panel 2-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light

Channel	DMX value	Description
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
172 RGB Panel 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 2-Duration
173 RGB Panel 2-Red 1	0–255	RGB Panel 2-Red 1
174 RGB Panel 2-Red 1 Fine Tune	0–255	RGB Panel 2-Red 1 Fine Tune
175 RGB Panel 2-Green 1	0–255	RGB Panel 2-Green 1
176 RGB Panel 2-Green 1 Fine Tune	0–255	RGB Panel 2-Green 1 Fine Tune
177 RGB Panel 2-Blue 1	0–255	RGB Panel 2-Blue 1
178 RGB Panel 2-Blue 1 Fine Tune	0–255	RGB Panel 2-Blue 1 Fine Tune
179 RGB Panel 2-Red 2	0–255	RGB Panel 2-Red 2
180 RGB Panel 2-Red 2 Fine Tune	0–255	RGB Panel 2-Red 2 Fine Tune
181 RGB Panel 2-Green 2	0–255	RGB Panel 2-Green 2
182 RGB Panel 2-Green 2 Fine Tune	0–255	RGB Panel 2-Green 2 Fine Tune
183 RGB Panel 2-Blue 2	0–255	RGB Panel 2-Blue 2
184 RGB Panel 2-Blue 2 Fine Tune	0–255	RGB Panel 2-Blue 2 Fine Tune
185 RGB Panel 2-Red 3	0–255	RGB Panel 2-Red 3
186 RGB Panel 2-Red 3 Fine Tune	0–255	RGB Panel 2-Red 3 Fine Tune
187 RGB Panel 2-Green 3	0–255	RGB Panel 2-Green 3
188 RGB Panel 2-Green 3 Fine Tune	0–255	RGB Panel 2-Green 3 Fine Tune

Channel	DMX value	Description
189 RGB Panel 2-Blue 3	0–255	RGB Panel 2-Blue 3
190 RGB Panel 2-Blue 3 Fine Tune	0–255	RGB Panel 2-Blue 3 Fine Tune
191 RGB Panel 2-Red 4	0–255	RGB Panel 2-Red 4
192 RGB Panel 2-Red 4 Fine Tune	0–255	RGB Panel 2-Red 4 Fine Tune
193 RGB Panel 2-Green 4	0–255	RGB Panel 2-Green 4
194 RGB Panel 2-Green 4 Fine Tune	0–255	RGB Panel 2-Green 4 Fine Tune
195 RGB Panel 2-Blue 4	0–255	RGB Panel 2-Blue 4
196 RGB Panel 2-Blue 4 Fine Tune	0–255	RGB Panel 2-Blue 4 Fine Tune
197 RGB Panel 2-Red 5	0–255	RGB Panel 2-Red 5
198 RGB Panel 2-Red 5 Fine Tune	0–255	RGB Panel 2-Red 5 Fine Tune
199 RGB Panel 2-Green 5	0–255	RGB Panel 2-Green 5
200 RGB Panel 2-Green 5 Fine Tune	0–255	RGB Panel 2-Green 5 Fine Tune
201 RGB Panel 2-Blue 5	0–255	RGB Panel 2-Blue 5
202 RGB Panel 2-Blue 5 Fine Tune	0–255	RGB Panel 2-Blue 5 Fine Tune
203 RGB Panel 2-Red 6	0–255	RGB Panel 2-Red 6
204 RGB Panel 2-Red 6 Fine Tune	0–255	RGB Panel 2-Red 6 Fine Tune
205 RGB Panel 2-Green 6	0–255	RGB Panel 2-Green 6
206 RGB Panel 2-Green 6 Fine Tune	0–255	RGB Panel 2-Green 6 Fine Tune
207 RGB Panel 2-Blue 6	0–255	RGB Panel 2-Blue 6
208 RGB Panel 2-Blue 6 Fine Tune	0–255	RGB Panel 2-Blue 6 Fine Tune
209 Device Settings	0–5	NF
	6–10	Show backlight (hold for 3 seconds)
	11–15	Show backlight off (hold for 3 seconds)
	16–18	NF
	19–23	DMX no signal black field (hold for 3 seconds)
	24–28	DMX no-signal hold (hold for 3 seconds)
	29–33	DMX no-signal emergency lighting (3 seconds)
	34–36	NF
	37–41	Linear dimming curve (hold for 1.5 seconds)
	42–46	Exponential dimming curve (hold for 1.5 seconds)
	47–51	Logarithmic dimming curve (hold for 1.5s)
	52–56	S dimming curve (hold for 1.5 seconds)
	57–61	NF

Channel	DMX value	Description
	62–66	Quick dim (hold for 1.5 seconds)
	67–71	Medium dimming (hold for 1.5 seconds)
	72–76	Slow dim (hold for 1.5 seconds)
	77–80	NF
	81–85	NF
	86–90	NF
	91–93	NF
	94–98	NF
	99–103	NF
	104–108	NF
	109–113	NF
	114–118	NF
	119–123	NF
	124–126	NF
	127–131	Fan Auto (hold for 3 seconds)
	132–136	Fan mute (hold for 3 seconds)
	137–141	Fan off (hold for 3 seconds)
	142–146	Fan maximum power (hold for 3 seconds)
	147–149	NF
	150–153	Reverse RGB panel 1 off (hold for 1.5 seconds)
	154–157	Reverse RGB panel 1 on (hold for 1.5 seconds)
	158–161	Reverse RGB panel 2 off (hold for 1.5 seconds)
	162–165	Reverse RGB panel 2 opened (hold for 1.5 seconds)
	166–169	Reverse middle white (hold 1.5 seconds)
	170–173	Reverse middle white (hold 1.5 seconds)
	174–177	Reverse single tube 1 off (hold for 1.5 seconds)
	178–181	Reverse single tube 1 on (hold for 1.5s)
	182–185	Reverse single tube 2 off (hold for 1.5 seconds)
	186–189	Reverse single tube 2 on (hold for 1.5 seconds)
	190–193	Reverse single tube 3 off (hold for 1.5 seconds)
	194–197	Reverse single tube 3 on (hold for 1.5 seconds)
	198–201	Reverse single tube 4 off (hold for 1.5 seconds)
	202–205	Reverse single tube 4 open (hold for 1.5 seconds)
	206–209	Disable RGB panel (hold for 1.5 seconds)
	210–213	Switch to RGB panel (hold for 1.5 seconds)
	214–217	Close the single exchange tube (hold for 1.5 seconds)
	218–221	Open the exchange single tube (hold for 1.5 seconds)

Channel	DMX value	Description
	222–224	NF
	225–234	Y-axis reset
	235–255	NF

07 275 Channel Mode (Mode 7)

Channel	DMX value	Description
1 Total dimming	0–255	Total dimming
2 Global dimming fine adjustment	0–255	Global dimming fine adjustment
3 Central tube pixel 1-dimming	0–255	Central tube pixel 1-dimming
4 Central tube pixel 1-dimming fine adjustment	0–255	Central tube pixel 1-dimming fine adjustment
5 Central tube pixel 2-dimming	0–255	Central tube pixel 2-dimming
6 Central tube pixel 2-dimming fine adjustment	0–255	Central tube pixel 2-dimming fine adjustment
7 Central tube pixel 3-dimming	0–255	Central tube pixel 3-dimming
8 Central tube pixel 3-dimming fine adjustment	0–255	Central tube pixel 3-dimming fine adjustment
9 Central tube pixel 4-dimming	0–255	Central tube pixel 4-dimming
10 Central tube pixel 4-dimming fine adjustment	0–255	Central tube pixel 4-dimming fine adjustment
11 Central tube pixel 5-dimming	0–255	Central tube pixel 5-dimming
12 Central tube pixel 5-dimming fine adjustment	0–255	Central tube pixel 5-dimming fine adjustment
13 Central tube pixel 6-dimming	0–255	Central tube pixel 6-dimming
14 Central tube pixel 6-dimming fine adjustment	0–255	Central tube pixel 6-dimming fine adjustment
15 Central tube pixel 7-dimming	0–255	Central tube pixel 7-dimming
16 Central tube pixel 7-dimming fine adjustment	0–255	Central tube pixel 7-dimming fine adjustment
17 Central tube pixel 8-dimming	0–255	Central tube pixel 8-dimming
18 Central tube pixel 8-dimming fine adjustment	0–255	Central tube pixel 8-dimming fine adjustment
19 Central tube pixel 9-dimming	0–255	Central tube pixel 9-dimming
20 Central tube pixel 9-dimming fine adjustment	0–255	Central tube pixel 9-dimming fine adjustment
21 Central tube pixel 10-dimming	0–255	Central tube pixel 10-dimming
22 Central tube pixel 10-dimming fine adjustment	0–255	Central tube pixel 10-dimming fine adjustment
23 Central tube pixel 11-dimming	0–255	Central tube pixel 11-dimming
24 Central tube pixel 11-dimming fine adjustment	0–255	Central tube pixel 11-dimming fine adjustment
25 Central tube pixel 12-dimming	0–255	Central tube pixel 12-dimming

Channel	DMX value	Description
26 Central tube pixel 12-dimming fine adjustment	0–255	Central tube pixel 12-dimming fine adjustment
27 Central tube strobe	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
28 White space duration	–	Only affects Flash Mode 1 (025-064)
	0–255	White space duration
29 Center effect dimming	0–255	Center effect dimming
30 Center effect selection	–	Based on the pipe diagram
	0–255	Center effect selection
31 Select X-bleach for the central tube	0–255	obligate
32 Center effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
33 Center effect faded	0–5	NF
	6–255	Fade duration from short to long

Channel	DMX value	Description
34 Central tube space	0–255	obligate
35 Single tube 1 pixel 1-dimming	0–255	Single tube 1 pixel 1-dimming
36 Single tube 1 pixel 1-dimming fine adjustment	0–255	Single tube 1 pixel 1-dimming fine adjustment
37 Single tube 1 pixel 2-dimming	0–255	Single tube 1 pixel 2-dimming
38 Single tube 1 pixel 2-dimming fine adjustment	0–255	Single tube 1 pixel 2-dimming fine adjustment
39 Single tube 1 pixel 3-dimming	0–255	Single tube 1 pixel 3-dimming
40 Single tube 1 pixel 3-dimming fine adjustment	0–255	Single tube 1 pixel 3-dimming fine adjustment
41 Single tube 1 pixel 4-dimming	0–255	Single tube 1 pixel 4-dimming
42 Single-pixel 4-way dimming adjustment	0–255	Single-pixel 4-way dimming adjustment
43 Single tube 1 pixel 5-dimming	0–255	Single tube 1 pixel 5-dimming
44 Single tube 1 pixel 5-dimming fine adjustment	0–255	Single tube 1 pixel 5-dimming fine adjustment
45 Single tube 1 pixel 6-dimming	0–255	Single tube 1 pixel 6-dimming
46 Single tube 1 pixel 6-dimming fine adjustment	0–255	Single tube 1 pixel 6-dimming fine adjustment
47 Single tube 1 pixel 7-dimming	0–255	Single tube 1 pixel 7-dimming
48 Single tube 1 pixel 7-dimming fine adjustment	0–255	Single tube 1 pixel 7-dimming fine adjustment
49 Single tube 1 pixel 8-dimming	0–255	Single tube 1 pixel 8-dimming
50 Single tube 1 pixel 8-dimming fine adjustment	0–255	Single tube 1 pixel 8-dimming fine adjustment
51 Single tube 1 pixel 9-dimming	0–255	Single tube 1 pixel 9-dimming
52 Single tube 1 pixel 9-dimming fine adjustment	0–255	Single tube 1 pixel 9-dimming fine adjustment
53 Single tube 1 pixel 10-dimming	0–255	Single tube 1 pixel 10-dimming
54 Single tube 1 pixel 10-dimming fine adjustment	0–255	Single tube 1 pixel 10-dimming fine adjustment
55 Single tube 1 pixel 11-dimming	0–255	Single tube 1 pixel 11-dimming
56 Single tube 1 pixel 11-dimming fine adjustment	0–255	Single tube 1 pixel 11-dimming fine adjustment
57 Single tube 1 pixel 12-dimming	0–255	Single tube 1 pixel 12-dimming
58 Single tube 1 pixel 12-dimming fine adjustment	0–255	Single tube 1 pixel 12-dimming fine adjustment
59 Single Tube 1-Flash	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)

Channel	DMX value	Description
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
60 Single tube 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 1-Duration
61 Single tube 1-Effect dimming	0–255	Single tube 1-Effect dimming
62 Single Tube 1-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 1-Effect Selection
63 Select X-bleach for single tube 1	0–255	obligate
64 Single tube 1 effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
65 Single tube 1 effect faded	0–5	NF
	6–255	Fade duration from short to long
66 Single Tube 1 Mode Space	0–255	obligate
67 Single tube 2 pixels 1-dimming	0–255	Single tube 2 pixels 1-dimming
68 Single tube 2 pixels 1-dimming fine adjustment	0–255	Single tube 2 pixels 1-dimming fine adjustment

Channel	DMX value	Description
69 Single tube 2 pixels 2-dimming	0–255	Single tube 2 pixels 2-dimming
70 Single tube 2-pixel 2-tone dimming fine adjustment	0–255	Single tube 2-pixel 2-tone dimming fine adjustment
71 Single tube 2 pixels 3-dimming	0–255	Single tube 2 pixels 3-dimming
72 Single tube 2-pixel 3-dimming fine adjustment	0–255	Single tube 2-pixel 3-dimming fine adjustment
73 Single tube 2-pixel 4-dimming	0–255	Single tube 2-pixel 4-dimming
74 Single tube 2-pixel 4-tone dimming fine adjustment	0–255	Single tube 2-pixel 4-tone dimming fine adjustment
75 Single tube 2 pixels 5-dimming	0–255	Single tube 2 pixels 5-dimming
76 Single tube 2-pixel 5-dimming fine adjustment	0–255	Single tube 2-pixel 5-dimming fine adjustment
77 Single tube 2 pixels 6-dim	0–255	Single tube 2 pixels 6-dim
78 Single tube 2-pixel 6-dimming fine adjustment	0–255	Single tube 2-pixel 6-dimming fine adjustment
79 Single tube 2-pixel 7-dimming	0–255	Single tube 2-pixel 7-dimming
80 Single tube 2-pixel 7-tone dimming fine adjustment	0–255	Single tube 2-pixel 7-tone dimming fine adjustment
81 Single tube 2-pixel 8-dimming	0–255	Single tube 2-pixel 8-dimming
82 Single tube 2-pixel 8-tone dimming fine adjustment	0–255	Single tube 2-pixel 8-tone dimming fine adjustment
83 Single tube 2 pixels 9-dimming	0–255	Single tube 2 pixels 9-dimming
84 Single tube 2-pixel 9-DIMM fine adjustment	0–255	Single tube 2-pixel 9-DIMM fine adjustment
85 Single tube 2 pixels 10-dimming	0–255	Single tube 2 pixels 10-dimming
86 Single tube 2-pixel 10-dimming fine adjustment	0–255	Single tube 2-pixel 10-dimming fine adjustment
87 Single tube 2 pixels 11-dimming	0–255	Single tube 2 pixels 11-dimming
88 Single tube 2 pixels 11-dimming fine adjustment	0–255	Single tube 2 pixels 11-dimming fine adjustment
89 Single tube 2 pixels 12-dimming	0–255	Single tube 2 pixels 12-dimming
90 Single tube 2-pixel 12-tone dimming fine adjustment	0–255	Single tube 2-pixel 12-tone dimming fine adjustment
91 Single Tube 2-Flicker	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light

Channel	DMX value	Description
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
92 Single tube 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 2-Duration
93 Single tube 2-Effect dimming	0–255	Single tube 2-Effect dimming
94 Single Tube 2-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 2-Effect Selection
95 Single tube 2 select X-bleach	0–255	obligate
96 Single Tube 2 Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
97 Single tube 2 effect fade	0–5	NF
	6–255	Fade duration from short to long
98 Single Tube 2 Mode Space	0–255	obligate
99 Single tube 3-pixel 1-dimming	0–255	Single tube 3-pixel 1-dimming
100 Single tube 3-pixel 1-dimming fine adjustment	0–255	Single tube 3-pixel 1-dimming fine adjustment
101 Single tube 3-pixel 2-dimming	0–255	Single tube 3-pixel 2-dimming
102 Single tube 3-pixel 2-tone dimming fine adjustment	0–255	Single tube 3-pixel 2-tone dimming fine adjustment

Channel	DMX value	Description
103 Single tube 3-pixel 3-dimming	0–255	Single tube 3-pixel 3-dimming
104 Single tube 3-pixel 3-way dimming fine adjustment	0–255	Single tube 3-pixel 3-way dimming fine adjustment
105 Single tube 3-pixel 4-dimming	0–255	Single tube 3-pixel 4-dimming
106 Single tube 3-pixel 4-tone dimming fine adjustment	0–255	Single tube 3-pixel 4-tone dimming fine adjustment
107 Single tube 3-pixel 5-dimming	0–255	Single tube 3-pixel 5-dimming
108 Single tube 3-pixel 5-dimming fine adjustment	0–255	Single tube 3-pixel 5-dimming fine adjustment
109 Single tube 3-pixel 6-dimming	0–255	Single tube 3-pixel 6-dimming
110 Single tube 3-pixel 6-dimming fine adjustment	0–255	Single tube 3-pixel 6-dimming fine adjustment
111 Single tube 3-pixel 7-dimming	0–255	Single tube 3-pixel 7-dimming
112 Single tube 3-pixel 7-tone dimming fine adjustment	0–255	Single tube 3-pixel 7-tone dimming fine adjustment
113 Single tube 3-pixel 8-way dimming	0–255	Single tube 3-pixel 8-way dimming
114 Single tube 3-pixel 8-way dimming fine adjustment	0–255	Single tube 3-pixel 8-way dimming fine adjustment
115 Single tube 3-pixel 9-dimming	0–255	Single tube 3-pixel 9-dimming
116 Single tube 3-pixel 9-dimming fine adjustment	0–255	Single tube 3-pixel 9-dimming fine adjustment
117 Single tube 3-pixel 10-dimming	0–255	Single tube 3-pixel 10-dimming
118 Single tube 3-pixel 10-dimming fine adjustment	0–255	Single tube 3-pixel 10-dimming fine adjustment
119 Single tube 3-pixel 11-dimming	0–255	Single tube 3-pixel 11-dimming
120 Single tube 3-pixel 11-dimming fine adjustment	0–255	Single tube 3-pixel 11-dimming fine adjustment
121 Single tube 3 pixels 12-dimming	0–255	Single tube 3 pixels 12-dimming
122 Single tube 3-pixel 12-tone dimming fine adjustment	0–255	Single tube 3-pixel 12-tone dimming fine adjustment
123 Single tube 3 flashes	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light

Channel	DMX value	Description
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (from fast to slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
124 Single tube 3-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 3-Duration
125 Single tube 3-Effect dimming	0–255	Single tube 3-Effect dimming
126 Single Tube 3-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 3-Effect Selection
127 Single tube 3 select X-bleach	0–255	obligate
128 Single Tube 3 Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
129 Single tube 3 effect fade	0–5	NF
	6–255	Fade duration from short to long
130 Single Tube 3 Mode Space	0–255	obligate
131 Single tube 4-pixel 1-dimming	0–255	Single tube 4-pixel 1-dimming
132 Single tube 4-pixel 1-dimming fine adjustment	0–255	Single tube 4-pixel 1-dimming fine adjustment
133 Single tube 4-pixel 2-tone dimming	0–255	Single tube 4-pixel 2-tone dimming
134 Single tube 4-pixel 2-tone dimming fine adjustment	0–255	Single tube 4-pixel 2-tone dimming fine adjustment
135 Single tube 4-pixel 3-way dimming	0–255	Single tube 4-pixel 3-way dimming
136 Single tube 4-pixel 3-way dimming fine adjustment	0–255	Single tube 4-pixel 3-way dimming fine adjustment

Channel	DMX value	Description
137 Single tube 4-pixel 4-dimming	0–255	Single tube 4-pixel 4-dimming
138 Single tube 4-pixel 4-tone dimming fine adjustment	0–255	Single tube 4-pixel 4-tone dimming fine adjustment
139 Single tube 4-pixel 5-dimming	0–255	Single tube 4-pixel 5-dimming
140 Single tube 4-pixel 5-tone dimming fine adjustment	0–255	Single tube 4-pixel 5-tone dimming fine adjustment
141 Single tube 4-pixel 6-way dimming	0–255	Single tube 4-pixel 6-way dimming
142 Single tube 4-pixel 6-tone dimming fine adjustment	0–255	Single tube 4-pixel 6-tone dimming fine adjustment
143 Single tube 4-pixel 7-dimming	0–255	Single tube 4-pixel 7-dimming
144 Single tube 4-pixel 7-tone dimming fine adjustment	0–255	Single tube 4-pixel 7-tone dimming fine adjustment
145 Single tube 4-pixel 8-way dimming	0–255	Single tube 4-pixel 8-way dimming
146 Single tube 4-pixel 8-tone dimming fine adjustment	0–255	Single tube 4-pixel 8-tone dimming fine adjustment
147 Single tube 4-pixel 9-dimming	0–255	Single tube 4-pixel 9-dimming
148 Single tube 4-pixel 9-DIMM fine adjustment	0–255	Single tube 4-pixel 9-DIMM fine adjustment
149 Single tube 4-pixel 10-dimming	0–255	Single tube 4-pixel 10-dimming
150 Single tube 4-pixel 10-dimming fine adjustment	0–255	Single tube 4-pixel 10-dimming fine adjustment
151 Single tube 4 pixels 11-dimming	0–255	Single tube 4 pixels 11-dimming
152 Single tube 4-pixel 11-tone dimming fine adjustment	0–255	Single tube 4-pixel 11-tone dimming fine adjustment
153 Single tube 4-pixel 12-tone dimming	0–255	Single tube 4-pixel 12-tone dimming
154 Single tube 4-pixel 12-tone dimming fine adjustment	0–255	Single tube 4-pixel 12-tone dimming fine adjustment
155 Single tube four flashes	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light

Channel	DMX value	Description
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
156 Single tube 4-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	Single tube 4-Duration
157 Single tube 4-Effect dimming	0–255	Single tube 4-Effect dimming
158 Single Tube 4-Effect Selection	–	Based on the pipe diagram
	0–255	Single Tube 4-Effect Selection
159 Single tube 4 select X-bleach	0–255	obligate
160 Single tube 4 effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
161 Single tube 4 effect fade	0–5	NF
	6–255	Fade duration from short to long
162 Single Tube 4 Mode Space	0–255	obligate
163 Single tube group (1-4) dimming	0–255	Single tube group (1-4) dimming
164 Single tube group (1-4) effect selection	–	Based on the pipe diagram
	0–255	Single tube group (1-4) effect selection
165 Change X fade for single tube group (1-4)	0–255	obligate
166 Single tube group (1-4) effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
167 Single tube group (1-4) effect faded	0–5	NF

Channel	DMX value	Description
	6–255	Fade duration from short to long
168 Single Tube Group (1-4) Mode Space	0–255	obligate
169 RGB Panel 1-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
170 RGB Panel 1-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 1-Duration
171 RGB Panel 1-Effect Dim	0–255	RGB Panel 1-Effect Dim
172 RGB Panel 1-Effect Selection	–	Based on the RGB panel mode diagram
	0–255	RGB Panel 1-Effect Selection
173 RGB Panel 1-Pattern Selection X-Bleach	0–255	obligate
174 RGB Panel 1-Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
175 RGB Panel 1-Fade Effect	0–5	NF

Channel	DMX value	Description
	6–255	Fade duration from short to long
176 RGB Panel 1-Pattern Space	0–255	obligate
177 RGB Panel 1-Red Effect	0–255	RGB Panel 1-Red Effect
178 RGB Panel 1-Green Effect	0–255	RGB Panel 1-Green Effect
179 RGB Panel 1-Blue Effect	0–255	RGB Panel 1-Blue Effect
180 RGB Panel 1-CTC	–	Based on CTC images
	0–4	7000K
	5–226	2000K-6500 K linear, 20-21 K steps
	182–182	5600K
	183–226	6500K
	227–255	6621K-10.000 K-line with a step size of 120-121K (see CTC table for details)
181 RGB Panel 1-Red 1	0–255	RGB Panel 1-Red 1
182 RGB Panel 1-Red 1 Fine Tune	0–255	RGB Panel 1-Red 1 Fine Tune
183 RGB Panel 1-Green 1	0–255	RGB Panel 1-Green 1
184 RGB Panel 1-Green 1 Fine Tune	0–255	RGB Panel 1-Green 1 Fine Tune
185 RGB Panel 1-Blue 1	0–255	RGB Panel 1-Blue 1
186 RGB Panel 1-Blue 1 Fine Tune	0–255	RGB Panel 1-Blue 1 Fine Tune
187 RGB Panel 1-Red 2	0–255	RGB Panel 1-Red 2
188 RGB Panel 1-Red 2 Fine Tune	0–255	RGB Panel 1-Red 2 Fine Tune
189 RGB Panel 1-Green 2	0–255	RGB Panel 1-Green 2
190 RGB panel 1-Green 2 fine adjustment	0–255	RGB panel 1-Green 2 fine adjustment
191 RGB Panel 1-Blue 2	0–255	RGB Panel 1-Blue 2
192 RGB Panel 1-Blue 2 Fine Tune	0–255	RGB Panel 1-Blue 2 Fine Tune
193 RGB Panel 1-Red 3	0–255	RGB Panel 1-Red 3
194 RGB Panel 1-Red 3 Fine Tune	0–255	RGB Panel 1-Red 3 Fine Tune
195 RGB Panel 1-Green 3	0–255	RGB Panel 1-Green 3
196 RGB Panel 1-Green 3 Fine Tune	0–255	RGB Panel 1-Green 3 Fine Tune
197 RGB Panel 1-Blue 3	0–255	RGB Panel 1-Blue 3
198 RGB Panel 1-Blue 3 Fine Tune	0–255	RGB Panel 1-Blue 3 Fine Tune
199 RGB Panel 1-Red 4	0–255	RGB Panel 1-Red 4
200 RGB Panel 1-Red 4 Fine Tune	0–255	RGB Panel 1-Red 4 Fine Tune
201 RGB Panel 1-Green 4	0–255	RGB Panel 1-Green 4

Channel	DMX value	Description
202 RGB Panel 1-Green 4 Fine Tune	0–255	RGB Panel 1-Green 4 Fine Tune
203 RGB Panel 1-Blue 4	0–255	RGB Panel 1-Blue 4
204 RGB Panel 1-Blue 4 Fine Tune	0–255	RGB Panel 1-Blue 4 Fine Tune
205 RGB Panel 1-Red 5	0–255	RGB Panel 1-Red 5
206 RGB Panel 1-Red 5 Fine Tune	0–255	RGB Panel 1-Red 5 Fine Tune
207 RGB Panel 1-Green 5	0–255	RGB Panel 1-Green 5
208 RGB Panel 1-Green 5 Fine Tune	0–255	RGB Panel 1-Green 5 Fine Tune
209 RGB Panel 1-Blue 5	0–255	RGB Panel 1-Blue 5
210 RGB Panel 1-Blue 5 Fine Tune	0–255	RGB Panel 1-Blue 5 Fine Tune
211 RGB Panel 1-Red 6	0–255	RGB Panel 1-Red 6
212 RGB Panel 1-Red 6 Fine Tune	0–255	RGB Panel 1-Red 6 Fine Tune
213 RGB Panel 1-Green 6	0–255	RGB Panel 1-Green 6
214 RGB Panel 1-Green 6 Fine Tune	0–255	RGB Panel 1-Green 6 Fine Tune
215 RGB Panel 1-Blue 6	0–255	RGB Panel 1-Blue 6
216 RGB Panel 1-Blue 6 Fine Tune	0–255	RGB Panel 1-Blue 6 Fine Tune
217 RGB Panel 2-Blink	0–19	Turn off light
	20–24	opening the light
	25–64	Flash Mode 1 (Fast to Slow)
	65–69	opening the light
	70–84	Flash Mode 2: Slow on, fast off (from fast to slow)
	85–89	opening the light
	90–104	Flash Mode 3: Fast on, slow off (from fast to slow)
	105–109	opening the light
	110–124	Strobe Mode 4: Random Strobe (Fast to Slow)
	125–129	opening the light
	130–144	Flash Mode 5: Random slow-on, fast-off (from fast to slow)
	145–149	opening the light
	150–164	Flash Mode 6: Random fast on, slow off (from fast to slow)
	165–169	opening the light
	170–184	Shutter mode 7: Flash (fast to slow)
	185–189	opening the light
	190–204	Strobe Mode 8: Random Flash (Fast to Slow)
	205–209	opening the light
	210–224	Flash Mode 9: Slow On/Off (Fast to Slow)

Channel	DMX value	Description
	225–229	opening the light
	230–244	Shutter mode 10: Flash (fast to slow)
	245–255	opening the light
218 RGB Panel 2-Duration	–	Only affects Flash Mode 1 (025-064)
	0–255	RGB Panel 2-Duration
219 RGB Panel 2-Effect Dim	0–255	RGB Panel 2-Effect Dim
220 RGB Panel 2-Effect Selection	–	From the RGB panel mode diagram
	0–255	RGB Panel 2-Effect Selection
221 RGB Panel 2-Pattern Selection X-Light	0–255	obligate
222 RGB Panel 2-Effect Speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
223 RGB Panel 2-Fade Effect	0–5	NF
	6–255	Fade duration from short to long
224 RGB Panel 2-Mode Space	0–255	obligate
225 RGB Panel 2-Red Effect	0–255	RGB Panel 2-Red Effect
226 RGB Panel 2-Green Effect	0–255	RGB Panel 2-Green Effect
227 RGB Panel 2-Blue Effect	0–255	RGB Panel 2-Blue Effect
228 RGB Panel 2-CTC	–	Based on CTC images
	0–4	7000K
	5–226	2000K-6500 K linear, 20-21 K steps (see CTC table for details)
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line with a step size of 120-121K (see CTC table for details)
229 RGB Panel 2-Red 1	0–255	RGB Panel 2-Red 1
230 RGB Panel 2-Red 1 Fine Tune	0–255	RGB Panel 2-Red 1 Fine Tune
231 RGB Panel 2-Green 1	0–255	RGB Panel 2-Green 1
232 RGB Panel 2-Green 1 Fine Tune	0–255	RGB Panel 2-Green 1 Fine Tune
233 RGB Panel 2-Blue 1	0–255	RGB Panel 2-Blue 1
234 RGB Panel 2-Blue 1 Fine Tune	0–255	RGB Panel 2-Blue 1 Fine Tune
235 RGB Panel 2-Red 2	0–255	RGB Panel 2-Red 2
236 RGB Panel 2-Red 2 Fine Tune	0–255	RGB Panel 2-Red 2 Fine Tune
237 RGB Panel 2-Green 2	0–255	RGB Panel 2-Green 2

Channel	DMX value	Description
238 RGB Panel 2-Green 2 Fine Tune	0–255	RGB Panel 2-Green 2 Fine Tune
239 RGB Panel 2-Blue 2	0–255	RGB Panel 2-Blue 2
240 RGB Panel 2-Blue 2 Fine Tune	0–255	RGB Panel 2-Blue 2 Fine Tune
241 RGB Panel 2-Red 3	0–255	RGB Panel 2-Red 3
242 RGB Panel 2-Red 3 Fine Tune	0–255	RGB Panel 2-Red 3 Fine Tune
243 RGB Panel 2-Green 3	0–255	RGB Panel 2-Green 3
244 RGB Panel 2-Green 3 Fine Tune	0–255	RGB Panel 2-Green 3 Fine Tune
245 RGB Panel 2-Blue 3	0–255	RGB Panel 2-Blue 3
246 RGB Panel 2-Blue 3 Fine Tune	0–255	RGB Panel 2-Blue 3 Fine Tune
247 RGB Panel 2-Red 4	0–255	RGB Panel 2-Red 4
248 RGB Panel 2-Red 4 Fine-Tune	0–255	RGB Panel 2-Red 4 Fine-Tune
249 RGB Panel 2-Green 4	0–255	RGB Panel 2-Green 4
250 RGB Panel 2-Green 4 Fine Tune	0–255	RGB Panel 2-Green 4 Fine Tune
251 RGB Panel 2-Blue 4	0–255	RGB Panel 2-Blue 4
252 RGB Panel 2-Blue 4 Fine Tune	0–255	RGB Panel 2-Blue 4 Fine Tune
253 RGB Panel 2-Red 5	0–255	RGB Panel 2-Red 5
254 RGB Panel 2-Red 5 Fine Tune	0–255	RGB Panel 2-Red 5 Fine Tune
255 RGB Panel 2-Green 5	0–255	RGB Panel 2-Green 5
256 RGB Panel 2-Green 5 Fine Tune	0–255	RGB Panel 2-Green 5 Fine Tune
257 RGB Panel 2-Blue 5	0–255	RGB Panel 2-Blue 5
258 RGB Panel 2-Blue 5 Fine Tune	0–255	RGB Panel 2-Blue 5 Fine Tune
259 RGB Panel 2-Red 6	0–255	RGB Panel 2-Red 6
260 RGB Panel 2-Red 6 Fine Tune	0–255	RGB Panel 2-Red 6 Fine Tune
261 RGB Panel 2-Green 6	0–255	RGB Panel 2-Green 6
262 RGB Panel 2-Green 6 Fine Tune	0–255	RGB Panel 2-Green 6 Fine Tune
263 RGB Panel 2-Blue 6	0–255	RGB Panel 2-Blue 6
264 RGB Panel 2-Blue 6 Fine Tune	0–255	RGB Panel 2-Blue 6 Fine Tune
265 RGB panel (1+2) effect dimming	0–255	RGB panel (1+2) effect dimming
266 RGB panel (1+2) effect selection	–	RGB panel mode diagram
	0–255	RGB panel (1+2) effect selection

Channel	DMX value	Description
267 RGB panel (1+2) select X-in	0–255	obligate
268 RGB panel (1+2) effect speed	0–5	cease
	6–124	From left to right / fast to slow
	125–130	cease
	131–249	From right to left / slow to fast
	250–255	cease
269 RGB panel (1+2) effect fade	0–5	NF
	6–255	Fade duration from short to long
270 RGB panel (1+2) mode space	0–255	obligate
271 RGB panel (1+2) effect red	0–255	RGB panel (1+2) effect red
272 RGB panel (1+2) effect green	0–255	RGB panel (1+2) effect green
273 RGB panel (1+2) effect blue	0–255	RGB panel (1+2) effect blue
274 RGB Panel (1+2) CTC	–	Based on CTC images
	0–4	7000K
	5–226	The K-line shows a linear distribution from 2000K to 6500K, with a step size of 20-21K (see CTC chart for details).
	182–182	5600K
	226–226	6500K
	227–255	6621K-10.000 K-line at the 120-121K level (see detailed CTC chart)
275 Device Settings	0–5	NF
	6–10	Show backlight (hold for 3 seconds)
	11–15	Show backlight off (hold for 3 seconds)
	16–18	NF
	19–23	DMX no signal black field (hold for 3 seconds)
	24–28	DMX no signal hold (hold for 3 seconds)
	29–33	DMX no-signal emergency lighting (3 seconds)
	34–36	NF
	37–41	Linear dimming curve (hold for 1.5 seconds)
	42–46	Exponential dimming curve (hold for 1.5 seconds)
	47–51	Logarithmic dimming curve (hold for 1.5s)
	52–56	S dimming curve (hold for 1.5 seconds)
	57–61	NF
	62–66	Quick dim (hold for 1.5 seconds)
	67–71	Medium dimming (hold for 1.5 seconds)
	72–76	Slow dim (hold for 1.5 seconds)
	77–80	NF
	81–85	NF
	86–90	NF

Channel	DMX value	Description
	91–93	NF
	94–98	NF
	99–103	NF
	104–108	NF
	109–113	NF
	114–118	NF
	119–123	NF
	124–126	NF
	127–131	Fan Auto (hold for 3 seconds)
	132–136	Fan mute (hold for 3 seconds)
	137–141	Fan off (hold for 3 seconds)
	142–146	Fan maximum power (hold for 3 seconds)
	147–149	NF
	150–153	Reverse RGB panel 1 off (hold for 1.5 seconds)
	154–157	Reverse RGB panel 1 on (hold for 1.5 seconds)
	158–161	Reverse RGB panel 2 off (hold for 1.5 seconds)
	162–165	Reverse RGB panel 2 opened (hold for 1.5 seconds)
	166–169	Reverse middle white (hold 1.5 seconds)
	170–173	Reverse middle white (hold 1.5 seconds)
	174–177	Reverse single tube 1 off (hold for 1.5 seconds)
	178–181	Reverse single tube 1 on (hold for 1.5s)
	182–185	Reverse single tube 2 off (hold for 1.5 seconds)
	186–189	Reverse single tube 2 on (hold for 1.5 seconds)
	190–193	Reverse single tube 3 off (hold for 1.5 seconds)
	194–197	Reverse single tube 3 on (hold for 1.5 seconds)
	198–201	Reverse single tube 4 off (hold for 1.5 seconds)
	202–205	Reverse single tube 4 open (hold for 1.5 seconds)
	206–209	Disable RGB panel (hold for 1.5 seconds)
	210–213	Switch to RGB panel (hold for 1.5 seconds)
	214–217	Close the exchange single tube (hold for 1.5 seconds)
	218–221	Open the exchange single tube (hold for 1.5 seconds)
	222–224	NF
	225–234	Reset Y-axis
	235–255	NF
	235–255	NF