RETRO 8X SET DMX CHART

00 DMX Channel Modes

This chart lists the DMX512 channel modes of the SSP Retro 8X SET LED blinder. 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
DMX address	001–512	DMX Address Setting

01 9CH Channel Mode

Channel	DMX value	Description
1 Total dimming	0–255	LED total brightness 0–100%
2 Light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	Light on
3 Red	0–255	Linear dimming 0–100%
4 Green	0–255	Linear dimming 0–100%
5 Blue	0–255	Linear dimming 0–100%
6 Amber	0–255	Linear dimming 0–100%
7 White	0–255	Linear dimming 0–100%
8 Dimming curve	0–15	Dimming curve, default menu
	16–75	Linear mode
	76–135	Square mode
	136–195	Exponential mode
	196–255	S-curve pattern
9 LED dimming speed	0–15	Dimming curve, default menu
	16–95	High-speed
	96–175	Smooth
	176–255	Halogen lamp

02 13CH Channel Mode

Channel	DMX value	Description
1 Total dimming	0–255	LED total brightness 0–100%
2 Main dimming fine	0–255	Fine-tune 0–100%
3 Light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	Light on
4 Red	0–255	Linear dimming 0–100%
5 Green	0–255	Linear dimming 0–100%
6 Blue	0–255	Linear dimming 0–100%
7 Amber	0–255	Linear dimming 0–100%
8 White	0–255	Linear dimming 0–100%
9 Color wheel	0–5	No function
	6–125	Fixed color
	126–189	Color jump slow → fast
	190–255	Color gradient slow → fast
10 Performance effect	0–9	No function
	10–29	Effect 1
	30–49	Effect 2
	50–69	Effect 3
	70–89	Effect 4
	90–109	Effect 5
	110–129	Effect 6
	130–149	Effect 7
	150–169	Effect 8
	170–189	Effect 9
	190–209	Effect 10
	210–229	Effect 11
	230–249	Effect 12
	250–255	Random effect

Channel	DMX value	Description
11 Effect speed	0–249	Effect speed slow → fast
	250–255	Sound control
12 LED dimming curve	0–15	Dimming curve, default menu
	16–75	Linear mode
	76–135	Square mode
	136–195	Exponential mode
	196–255	S-curve pattern
13 LED dimming speed	0–15	Dimming curve, default menu
	16–95	High-speed
	96–175	Smooth
	176–255	Halogen lamp

03 24CH Channel Mode

Channel	DMX value	Description
1 First LED total dimming	0–255	LED total brightness 0–100%
2 First LED light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
3 First LED color wheel	0–5	No function
	6–125	Fixed color
	126–189	Color jump slow → fast
	190–255	Color gradient slow → fast
4 Second LED total dimming	0–255	LED total brightness 0–100%
5 Second LED light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
6 Second LED color wheel	0–5	No function
	6–125	Fixed color
	126–189	Color jump slow → fast
	190–255	Color gradient slow → fast
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Channel	DMX value	Description
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19 Seventh LED total dimming	0–255	LED total brightness 0–100%
20 Seventh LED light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
21 Seventh LED color wheel	0–5	No function
	6–125	Fixed color
	126–189	Color jump slow → fast
	190–255	Color gradient slow → fast
22 Eighth LED total dimming	0–255	LED total brightness 0–100%
23 Eighth LED light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
24 Eighth LED color wheel	0–5	No function
	6–125	Fixed color
	126–189	Color jump slow → fast
	190–255	Color gradient slow → fast

04 43CH Channel Mode

Channel	DMX value	Description
1 Total dimming	0–255	LED total brightness 0–100%
2 Main dimming fine	0–255	Fine-tune 0–100%
3 Light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
4 LED1 Red	0–255	Linear dimming 0–100%
5 LED1 Green	0–255	Linear dimming 0–100%
6 LED1 Blue	0–255	Linear dimming 0–100%
7 LED1 Amber	0–255	Linear dimming 0–100%
8 LED1 White	0–255	Linear dimming 0–100%
9 LED2 Red	0–255	Linear dimming 0–100%
10 LED2 Green	0–255	Linear dimming 0–100%
11 LED2 Blue	0–255	Linear dimming 0–100%
12 LED2 Amber	0–255	Linear dimming 0–100%
13 LED2 White	0–255	Linear dimming 0–100%
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Channel	DMX value	Description
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34 LED7 Red	0–255	Linear dimming 0–100%
35 LED7 Green	0–255	Linear dimming 0–100%
36 LED7 Blue	0–255	Linear dimming 0–100%
37 LED7 Amber	0–255	Linear dimming 0–100%
38 LED7 White	0–255	Linear dimming 0–100%
39 LED8 Red	0–255	Linear dimming 0–100%
40 LED8 Green	0–255	Linear dimming 0–100%
41 LED8 Blue	0–255	Linear dimming 0–100%
42 LED8 Amber	0–255	Linear dimming 0–100%
43 LED8 White	0–255	Linear dimming 0–100%

05 56CH Channel Mode

Channel	DMX value	Description
1 LED1 total dimming	0–255	LED total brightness 0–100%
2 LED1 light on/strobe	0–7	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
3 LED1 Red	0–255	Linear dimming 0–100%
4 LED1 Green	0–255	Linear dimming 0–100%
5 LED1 Blue	0–255	Linear dimming 0–100%
6 LED1 Amber	0–255	Linear dimming 0–100%
7 LED1 White	0–255	Linear dimming 0–100%
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Channel	DMX value	Description
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50 **LED8 total dimming**	**0–255**	LED total brightness 0–100%
51 **LED8 light on/strobe**	**0–7**	Light on
	8–15	Light off
	16–131	Fixed strobe
	132–139	Light on
	140–181	Strobe fast on slow on
	182–189	Light on
	190–231	Strobe fast off slow on
	232–239	Light on
	240–247	Lightning flashes
	248–255	On/off
52 **LED8 Red**	**0–255**	Linear dimming 0–100%
53 **LED8 Green**	**0–255**	Linear dimming 0–100%
54 **LED8 Blue**	**0–255**	Linear dimming 0–100%

Channel	DMX value	Description
55 LED8 Amber	0–255	Linear dimming 0–100%
56 LED8 White	0–255	Linear dimming 0–100%