SMART STRIP DMX CHART

00 DMX Channel Modes

This chart lists the DMX512 channel modes of the SSP Smart Strip. 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.

01 1 Channel Mode

Channel	DMX value	Description
1 Dimmer 1	0–255	0–100%

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Channel		DMX value	Description
1	Dimmer 1	0–255	0–100%
2	Dimmer 2	0–255	0–100%
3	Dimmer 3	0–255	0–100%
4	Dimmer 4	0–255	0–100%

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Channel		DMX value	Description
1	Dimmer 1	0–255	0–100%
2	Dimmer 2	0–255	0–100%
3	Dimmer 3	0–255	0–100%
4	Dimmer 4	0–255	0–100%
5	Dimmer 5	0–255	0–100%
6	Dimmer 6	0–255	0–100%

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Channel	DMX value	Description
1 Dimmer 1	0–255	0–100%
2 Dimmer 2	0–255	0–100%
3 Dimmer 3	0–255	0–100%
4 Dimmer 4	0–255	0–100%
5 Dimmer 5	0–255	0–100%
6 Dimmer 6	0–255	0–100%
7 Dimmer 7	0–255	0–100%
8 Dimmer 8	0–255	0–100%
9 Dimmer 9	0–255	0–100%
10 Dimmer 10	0–255	0–100%
11 Dimmer 11	0–255	0–100%
12 Dimmer 12	0–255	0–100%

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Channel	DMX value	Description
1 Master Dimmer	0–255	0–100%
2 Strobe	0–19	Shutter close
	20–24	Shutter open
	25–64	Strobe 1 (slow → fast)
	65–69	Shutter open
	70–84	Strobe 2: opening pulse (slow → fast)
	85–89	Shutter open
	90–104	Strobe 3: closing pulse (slow → fast)
	105–109	Shutter open
	110–124	Strobe 4: random strobe (slow → fast)
	125–129	Shutter open
	130–144	Strobe 5: random opening pulse (slow → fast)
	145–149	Shutter open
	150–164	Strobe 6: random closing pulse (slow → fast)
	165–169	Shutter open
	170–184	Strobe 7: burst pulse (slow → fast)
	185–189	Shutter open
	190–204	Strobe 8: random burst pulse (slow → fast)
	205–209	Shutter open
	210–224	Strobe 9: sine wave (slow → fast)
	225–229	Shutter open
	230–244	Strobe 10: burst (slow → fast)
	245–255	Shutter open
3 Duration	0–255	Duration 0–100% (0–510 ms)
4 Dimmer Speed	0–42	No function (current preset from menu)
	43–84	Dimmer speed 1
	85–126	Dimmer speed 2
	127–168	Dimmer speed 3
	169–210	Dimmer speed 4
	211–255	Halogen
5 Dimmer 1	0–255	0–100%
6 Dimmer 2	0–255	0–100%
7 Dimmer 3	0–255	0–100%
8 Dimmer 4	0–255	0–100%
9 Dimmer 5	0–255	0–100%

Channel	DMX value	Description
10 Dimmer 6	0–255	0–100%
11 Dimmer 7	0–255	0–100%
12 Dimmer 8	0–255	0–100%
13 Dimmer 9	0–255	0–100%
14 Dimmer 10	0–255	0–100%
15 Dimmer 11	0–255	0–100%
16 Dimmer 12	0–255	0–100%

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Channel	DMX value	Description
1 Master Dimmer	0–255	0–100%
2 Strobe	0–19	Shutter close
	20–24	Shutter open
	25–64	Strobe 1 (fast → slow)
	65–69	Shutter open
	70–84	Strobe 2: opening pulse (fast → slow)
	85–89	Shutter open
	90–104	Strobe 3: closing pulse (fast → slow)
	105–109	Shutter open
	110–124	Strobe 4: random strobe (fast → slow)
	125–129	Shutter open
	130–144	Strobe 5: random opening pulse (fast → slow)
	145–149	Shutter open
	150–164	Strobe 6: random closing pulse (fast → slow)
	165–169	Shutter open
	170–184	Strobe 7: burst pulse (fast → slow)
	185–189	Shutter open
	190–204	Strobe 8: random burst pulse (fast → slow)
	205–209	Shutter open
	210–224	Strobe 9: sine wave (fast → slow)
	225–229	Shutter open
	230–244	Strobe 10: burst (fast → slow)
	245–255	Shutter open
3 Duration	0–255	Duration 0–100% (0–510 ms)
4 Dimmer 1	0–255	0–100%
5 Dimmer 2	0–255	0–100%
6 Dimmer 3	0–255	0–100%
7 Dimmer 4	0–255	0–100%
8 Dimmer 5	0–255	0–100%
9 Dimmer 6	0–255	0–100%
10 Dimmer 7	0–255	0–100%
11 Dimmer 8	0–255	0–100%
12 Dimmer 9	0–255	0–100%
13 Dimmer 10	0–255	0–100%
14 Dimmer 11	0–255	0–100%

Channel	DMX value	Description
15 Dimmer 12	0–255	0–100%
16 Dimmer Curve	0–51	No function (current preset from menu)
	52–101	Linear dimmer curve
	102–152	Square law
	153–203	Inverse square law
	204–255	S-curve
17 Dimmer Speed	0–42	No function (current preset from menu)
	43–84	Dimmer speed 1
	85–126	Dimmer speed 2
	127–168	Dimmer speed 3
	169–210	Dimmer speed 4
	211–255	Halogen
18 Redshift	0–84	No function (current preset from menu)
	85–170	Redshift off
	171–255	Redshift on
19 Auto Effect	0–255	Auto effect (values not listed in chart)
20 Auto Speed	0–255	Auto speed (values not listed in chart)
21 Device Settings	0–11	No function
	12–22	Pixel orientation normal (hold 3 s)
	23–33	Pixel orientation invert (hold 3 s)
	34–44	No function
	45–55	DMX fail blackout (hold 3 s)
	56–66	DMX fail hold (hold 3 s)
	67–77	No function
	78–88	Key lock off
	89–99	Key lock on
	100–110	No function
	111–121	LED frequency 600 Hz (hold 3 s)
	122–132	LED frequency 1200 Hz (hold 3 s)
	133–143	LED frequency 2400 Hz (hold 3 s)
	144–154	LED frequency 4800 Hz (hold 3 s)
	155–165	LED frequency 9600 Hz (hold 3 s)
	166–176	LED frequency 12 kHz (hold 3 s)
	177–187	LED frequency 25 kHz (hold 3 s)
	188–198	No function
	199–209	Display flip normal
	210–220	Display flip inverted

Channel	DMX value	Description
	221–231	No function
	221–231	Display on
	232–242	Display 30 s
	243–255	Factory reset (hold 3 s)

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Channel	DMX value	Description
1 Dimmer 1	0–255	0–100%
1 Dimmer 1 Fine	0–255	Fine adjustment, 0–255
2 Dimmer 2	0–255	0–100%
2 Dimmer 2 Fine	0–255	Fine adjustment, 0–255
3 Dimmer 3	0–255	0–100%
3 Dimmer 3 Fine	0–255	Fine adjustment, 0–255
4 Dimmer 4	0–255	0–100%
4 Dimmer 4 Fine	0–255	Fine adjustment, 0–255
5 Dimmer 5	0–255	0–100%
5 Dimmer 5 Fine	0–255	Fine adjustment, 0–255
6 Dimmer 6	0–255	0–100%
6 Dimmer 6 Fine	0–255	Fine adjustment, 0–255
7 Dimmer 7	0–255	0–100%
7 Dimmer 7 Fine	0–255	Fine adjustment, 0–255
8 Dimmer 8	0–255	0–100%
8 Dimmer 8 Fine	0–255	Fine adjustment, 0–255
9 Dimmer 9	0–255	0–100%
9 Dimmer 9 Fine	0–255	Fine adjustment, 0–255
10 Dimmer 10	0–255	0–100%
10 Dimmer 10 Fine	0–255	Fine adjustment, 0–255
11 Dimmer 11	0–255	0–100%
11 Dimmer 11 Fine	0–255	Fine adjustment, 0–255
12 Dimmer 12	0–255	0–100%
12 Dimmer 12 Fine	0–255	Fine adjustment, 0–255

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Channel		DMX value	Description
1	Master Dimmer	0–255	0–100%
2	Master Dimmer Fine	0–255	Fine adjustment, 0–255
3	Strobe	0–19	Shutter close
		20–24	Shutter open
		25–64	Strobe 1 (fast → slow)
		65–69	Shutter open
		70–84	Strobe 2: opening pulse (fast → slow)
		85–89	Shutter open
		90–104	Strobe 3: closing pulse (fast → slow)
		105–109	Shutter open
		110–124	Strobe 4: random strobe (fast → slow)
		125–129	Shutter open
		130–144	Strobe 5: random opening pulse (fast → slow)
		145–149	Shutter open
		150–164	Strobe 6: random closing pulse (fast → slow)
		165–169	Shutter open
		170–184	Strobe 7: burst pulse (fast → slow)
		185–189	Shutter open
		190–204	Strobe 8: random burst pulse (fast → slow)
		205–209	Shutter open
		210–224	Strobe 9: sine wave (fast → slow)
		225–229	Shutter open
		230–244	Strobe 10: burst (fast → slow)
		245–255	Shutter open
4	Duration	0–255	Duration 0–100% (0–510 ms)
1	Dimmer 1	0–255	0–100%
1	Dimmer 1 Fine	0–255	Fine adjustment, 0–255
2	Dimmer 2	0–255	0–100%
2	Dimmer 2 Fine	0–255	Fine adjustment, 0–255
3	Dimmer 3	0–255	0–100%
3	Dimmer 3 Fine	0–255	Fine adjustment, 0–255
4	Dimmer 4	0–255	0–100%
4	Dimmer 4 Fine	0–255	Fine adjustment, 0–255
5	Dimmer 5	0–255	0–100%
5	Dimmer 5 Fine	0–255	Fine adjustment, 0–255

Channel	DMX value	Description
6 Dimmer 6	0–255	0–100%
6 Dimmer 6 Fine	0–255	Fine adjustment, 0–255
7 Dimmer 7	0–255	0–100%
7 Dimmer 7 Fine	0–255	Fine adjustment, 0–255
8 Dimmer 8	0–255	0–100%
8 Dimmer 8 Fine	0–255	Fine adjustment, 0–255
9 Dimmer 9	0–255	0–100%
9 Dimmer 9 Fine	0–255	Fine adjustment, 0–255
10 Dimmer 10	0–255	0–100%
10 Dimmer 10 Fine	0–255	Fine adjustment, 0–255
11 Dimmer 11	0–255	0–100%
11 Dimmer 11 Fine	0–255	Fine adjustment, 0–255
12 Dimmer 12	0–255	0–100%
12 Dimmer 12 Fine	0–255	Fine adjustment, 0–255
29 Dimmer Curve	0–51	No function (current preset from menu)
	52–101	Linear dimmer curve
	102–152	Square law
	153–203	Inverse square law
	204–255	S-curve
30 Dimmer Speed	0–42	No function (current preset from menu)
	43–84	Dimmer speed 1
	85–126	Dimmer speed 2
	127–168	Dimmer speed 3
	169–210	Dimmer speed 4
	211–255	Halogen
31 Redshift	0–84	No function (current preset from menu)
	85–170	Redshift off
	171–255	Redshift on
32 Auto Effect	0–255	Auto effect (values not listed in chart)
33 Auto Speed	0–255	Auto speed (values not listed in chart)
34 Device Settings	0–11	No function
	12–22	Pixel orientation normal (hold 3 s)
	23–33	Pixel orientation invert (hold 3 s)
	34–44	No function
	45–55	DMX fail blackout (hold 3 s)
	56–66	DMX fail hold (hold 3 s)
	67–77	No function

Channel	DMX value	Description
	78–88	Key lock off
	89–99	Key lock on
	100–110	No function
	111–121	LED frequency 600 Hz (hold 3 s)
	122–132	LED frequency 1200 Hz (hold 3 s)
	133–143	LED frequency 2400 Hz (hold 3 s)
	144–154	LED frequency 4800 Hz (hold 3 s)
	155–165	LED frequency 9600 Hz (hold 3 s)
	166–176	LED frequency 12 kHz (hold 3 s)
	177–187	LED frequency 25 kHz (hold 3 s)
	188–198	No function
	199–209	Display flip normal
	210–220	Display flip inverted
	221–231	No function
	221–231	Display on
	232–242	Display 30 s
	243–255	Factory reset (hold 3 s)