BEAM 400 IP DMX CHART

00 DMX Channel Modes

This chart lists the DMX512 channel modes of the SSP BEAM 400 IP moving head. 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 16 Channel Mode

Channel		DMX value	Description
1	Pan	0–255	0–540°
2	Pan Fine	0–255	0–2°
3	Tilt	0–255	0–270°
4	Tilt Fine	0–255	0–1°
5	Pan/Tilt speed	0–255	Fast → slow
6	Strobe	0–3	Off
		4–103	Pulse strobe (slow → fast)
		104–107	Open
		108–207	Fade strobe (slow → fast)
		208–212	Open
		213–251	Random strobe (slow → fast)
		252–255	Open
7	Dimmer	0–255	Linear dimming 0–100%
8	Color	0–4	White
		5–8	White + Color 1
		9–12	Color 1
		13–17	Color 1 + Color 2
		18–21	Color 2
		22–25	Color 2 + Color 3
		26–29	Color 3
		30–34	Color 3 + Color 4
		35–38	Color 4
		39–42	Color 4 + Color 5
		43–48	Color 5
		49–51	Color 5 + Color 6
		52–55	Color 6
		56–59	Color 6 + Color 7
		60–63	Color 7
		64–68	Color 7 + Color 8
		69–72	Color 8
		73–76	Color 8 + Color 9
		77–81	Color 9
		82–85	Color 9 + Color 10
		86–89	Color 10
		90–93	Color 10 + Color 11

Channel	DMX value	Description
	94–98	Color 11
	99–102	Color 11 + Color 12
	103–106	Color 12
	107–110	Color 12 + Color 13
	111–115	Color 13
	116–119	Color 13 + Color 14
	120–123	Color 14
	124–127	Color 14 + White
	128–192	Rotate forward (fast → slow)
	193–255	Rotate reverse (slow → fast)
9 Gobo	0–4	White
	5–9	Gobo 1
	10–14	Gobo 2
	15–19	Gobo 3
	20–24	Gobo 4
	25–29	Gobo 5
	30–34	Gobo 6
	35–39	Gobo 7
	40–44	Gobo 8
	45–49	Gobo 9
	50–54	Gobo 10
	55–59	Gobo 11
	60–64	Gobo 12
	65–69	Gobo 13
	70–74	Gobo 14
	75–79	Gobo 15
	80–84	Gobo 16
	85–89	Gobo 17
	90–127	Rotate reverse (fast → slow)
	128–130	Stop
	131–170	Rotate forward (slow → fast)
	171–175	Gobo 1 shake (slow → fast)
	176–180	Gobo 2 shake (slow → fast)
	181–185	Gobo 3 shake (slow → fast)
	186–190	Gobo 4 shake (slow → fast)
	191–195	Gobo 5 shake (slow → fast)
	196–200	Gobo 6 shake (slow → fast)

Channel	DMX value	Description
	201–205	Gobo 7 shake (slow → fast)
	206–210	Gobo 8 shake (slow → fast)
	211–215	Gobo 9 shake (slow → fast)
	216–220	Gobo 10 shake (slow → fast)
	221–225	Gobo 11 shake (slow → fast)
	226–230	Gobo 12 shake (slow → fast)
	231–235	Gobo 13 shake (slow → fast)
	236–240	Gobo 14 shake (slow → fast)
	241–245	Gobo 15 shake (slow → fast)
	246–250	Gobo 16 shake (slow → fast)
	251–255	Gobo 17 shake (slow → fast)
10 Focus	0–255	Far to near
11 Prism 1	0–127	No function
	128–255	Insert prism 1
12 Prism 2	0–127	No function
	128–255	Insert prism 2
13 Prism 1 rotation	0–127	0–360°
	128–191	Rotate forward (fast → slow)
	192–255	Rotate reverse (slow → fast)
14 Mode	0–15	No function
	16–63	Effect 1
	64–111	Effect 2
	112–159	Effect 3
	160–207	Effect 4
	208–255	Effect 5
15 Frost	0–127	No function
	128–191	Insert 7 colors effect
	192–255	Insert frost
16 Reset	0–99	No function
	100–105	Turn off lamp (hold 3 s)
	106–199	No function
	200–205	Turn on lamp (hold 3 s)
	206–209	No function
	210–215	Reset XY motor (hold 3 s)
	216–219	No function
	220–235	Reset effect motor (hold 3 s)
	236–239	No function

Channel	DMX value	Description
	240–255	Reset fixture (hold 3 s)