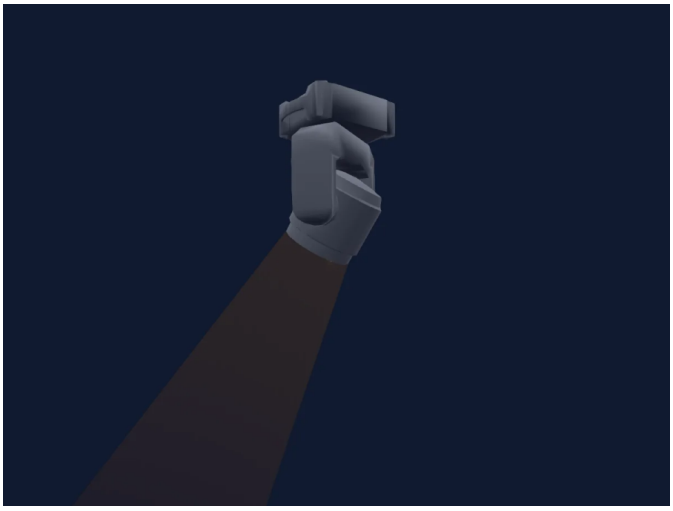
BeamZ Pro

Ignite 740 Wash



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 21 channels**
Beam angle	**3-45°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**230 × 221 × 217 mm**
GDTF fixture type	**7C0A9D30-998B-4E89-A95E-FC…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

17 Ch	17 ch
45 Ch	21 ch
45 Ch + Virtual Dimmer	21 ch

17 Ch

17 channels

Ch	Function	Default	DMX values
1	Pan	170	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
2	Pan Fine	170	Fine byte of Pan
3	Tilt	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Zoom	128	0–63 100 64–127 050 128–191 000 192–254 -050 255–255 -100
7	Dimmer	0	0–62 000 63–127 025 128–191 050 192–254 075 255–255 100
8	Shutter / Strobe	255	0–3 Shutter CLOSED 4–28 Shutter1Strobe LINEAR · 000 1–8.03 Hz 29–53 Shutter1Strobe LINEAR · 025 8.32–15.4 Hz 54–78 Shutter1Strobe LINEAR · 050 15.6–22.7 Hz 79–102 Shutter1Strobe LINEAR · 075 23–29.7 Hz 103–103 Shutter1Strobe LINEAR · 100 30 Hz 104–107 Open 108–132 Shutter1Strobe PULSE · 000 1–4.39 Hz 133–157 Shutter1Strobe PULSE · 025 4.54–7.93 Hz 158–182 Shutter1Strobe PULSE · 050 8.07–11.5 Hz 183–206 Shutter1Strobe PULSE · 075 11.6–14.9 Hz 207–207 Shutter1Strobe PULSE · 100 15 Hz 208–212 Open 213–225 Strobe Min 226–238 Strobe Medium 239–251 Strobe Max 252–255 Open
9	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

17 Ch (continued)

Ch	Function	Default	DMX values
12	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	C TC	0	0–0 No Function 1–27 8500 K 28–55 7500 K 56–83 6800 K 84–111 6200 K 112–139 5600 K 140–167 5000 K 168–195 4500 K 196–223 3600 K 224–251 3200 K 252–255 2800 K
14	Color Wheel	0	0–15 Wheel Slot 0 OPEN (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–255 Wheel Slot 14 (wheel slot 15)

17 Ch (continued)

Ch	Function	Default	DMX values
15	Effect	0	0–4 Wheel Slot 0 OPEN (wheel slot 1) 5–9 Wheel Slot 1 (wheel slot 2) 10–14 Wheel Slot 2 (wheel slot 3) 15–19 Wheel Slot 3 (wheel slot 4) 20–25 Wheel Slot 4 (wheel slot 5) 26–30 Wheel Slot 5 (wheel slot 6) 31–35 Wheel Slot 6 (wheel slot 7) 36–40 Wheel Slot 7 (wheel slot 8) 41–45 Wheel Slot 8 (wheel slot 9) 46–50 Wheel Slot 9 (wheel slot 10) 51–55 Wheel Slot 10 (wheel slot 11) 56–60 Wheel Slot 11 (wheel slot 12) 61–66 Wheel Slot 12 (wheel slot 13) 67–71 Wheel Slot 13 (wheel slot 14) 72–76 Wheel Slot 14 (wheel slot 15) 77–81 Wheel Slot 15 (wheel slot 16) 82–86 Wheel Slot 16 (wheel slot 17) 87–91 Wheel Slot 17 (wheel slot 18) 92–96 Wheel Slot 18 (wheel slot 19) 97–101 Wheel Slot 19 (wheel slot 20) 102–107 Wheel Slot 20 (wheel slot 21) 108–112 Wheel Slot 21 (wheel slot 22) 113–117 Wheel Slot 22 (wheel slot 23) 118–122 Wheel Slot 23 (wheel slot 24) 123–127 Wheel Slot 24 (wheel slot 25) 128–132 Wheel Slot 25 (wheel slot 26) 133–137 Wheel Slot 26 (wheel slot 27) 138–142 Wheel Slot 27 (wheel slot 28) 143–147 Wheel Slot 28 (wheel slot 29) 148–153 Wheel Slot 29 (wheel slot 30) 154–158 Wheel Slot 30 (wheel slot 31) 159–163 Wheel Slot 31 (wheel slot 32) 164–168 Wheel Slot 32 (wheel slot 33) 169–173 Wheel Slot 33 (wheel slot 34) 174–178 Wheel Slot 34 (wheel slot 35) 179–183 Wheel Slot 35 (wheel slot 36) 184–188 Wheel Slot 36 (wheel slot 37) 189–194 Wheel Slot 37 (wheel slot 38) 195–199 Wheel Slot 38 (wheel slot 39) 200–204 Wheel Slot 39 (wheel slot 40) 205–209 Wheel Slot 40 (wheel slot 41) 210–214 Wheel Slot 41 (wheel slot 42) 215–219 Wheel Slot 42 (wheel slot 43) 220–224 Wheel Slot 43 (wheel slot 44) 225–229 Wheel Slot 44 (wheel slot 45) 230–235 Wheel Slot 45 (wheel slot 46) 236–240 Wheel Slot 46 (wheel slot 47) 241–245 Wheel Slot 47 (wheel slot 48) 246–250 Wheel Slot 48 (wheel slot 49) 251–255 Wheel Slot 49 (wheel slot 50)
16	Effect Speed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Control1	0	250–250 No Function 251–255 Reset ALL

45 Ch

21 channels

Ch	Function	Default	DMX values
1	Pan	170	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
2	Pan Fine	170	Fine byte of Pan
3	Tilt	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Zoom	128	0–63 100 64–127 050 128–191 000 192–254 -050 255–255 -100
7	Dimmer	0	0–62 000 63–127 025 128–191 050 192–254 075 255–255 100
8	Shutter / Strobe	255	0–3 Shutter CLOSED 4–28 Shutter1Strobe LINEAR · 000 1–8.03 Hz 29–53 Shutter1Strobe LINEAR · 025 8.32–15.4 Hz 54–78 Shutter1Strobe LINEAR · 050 15.6–22.7 Hz 79–102 Shutter1Strobe LINEAR · 075 23–29.7 Hz 103–103 Shutter1Strobe LINEAR · 100 30 Hz 104–107 Open 108–132 Shutter1Strobe PULSE · 000 1–4.39 Hz 133–157 Shutter1Strobe PULSE · 025 4.54–7.93 Hz 158–182 Shutter1Strobe PULSE · 050 8.07–11.5 Hz 183–206 Shutter1Strobe PULSE · 075 11.6–14.9 Hz 207–207 Shutter1Strobe PULSE · 100 15 Hz 208–212 Open 213–225 Strobe Min 226–238 Strobe Medium 239–251 Strobe Max 252–255 Open
9	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

45 Ch (continued)

Ch	Function	Default	DMX values
12	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	C TC	0	0–0 No Function 1–27 8500 K 28–55 7500 K 56–83 6800 K 84–111 6200 K 112–139 5600 K 140–167 5000 K 168–195 4500 K 196–223 3600 K 224–251 3200 K 252–255 2800 K
14	Color Wheel	0	0–3 Wheel Slot 0 (wheel slot 1) 4–7 Wheel Slot 1 (wheel slot 2) 8–10 Wheel Slot 2 (wheel slot 3) 11–14 Wheel Slot 3 (wheel slot 4) 15–18 Wheel Slot 4 (wheel slot 5) 19–22 Wheel Slot 5 (wheel slot 6) 23–26 Wheel Slot 6 (wheel slot 7) 27–30 Wheel Slot 7 (wheel slot 8) 31–33 Wheel Slot 8 (wheel slot 9) 34–37 Wheel Slot 9 (wheel slot 10) 38–41 Wheel Slot 10 (wheel slot 11) 42–45 Wheel Slot 11 (wheel slot 12) 46–49 Wheel Slot 12 (wheel slot 13) 50–52 Wheel Slot 13 (wheel slot 14) 53–255 Wheel Slot 14 (wheel slot 15)

45 Ch (continued)

Ch	Function	Default	DMX values
15	Effect	0	0–4 Wheel Slot 0 OPEN (wheel slot 1) 5–9 Wheel Slot 1 (wheel slot 2) 10–14 Wheel Slot 2 (wheel slot 3) 15–19 Wheel Slot 3 (wheel slot 4) 20–25 Wheel Slot 4 (wheel slot 5) 26–30 Wheel Slot 5 (wheel slot 6) 31–35 Wheel Slot 6 (wheel slot 7) 36–40 Wheel Slot 7 (wheel slot 8) 41–45 Wheel Slot 8 (wheel slot 9) 46–50 Wheel Slot 9 (wheel slot 10) 51–55 Wheel Slot 10 (wheel slot 11) 56–60 Wheel Slot 11 (wheel slot 12) 61–66 Wheel Slot 12 (wheel slot 13) 67–71 Wheel Slot 13 (wheel slot 14) 72–76 Wheel Slot 14 (wheel slot 15) 77–81 Wheel Slot 15 (wheel slot 16) 82–86 Wheel Slot 16 (wheel slot 17) 87–91 Wheel Slot 17 (wheel slot 18) 92–96 Wheel Slot 18 (wheel slot 19) 97–101 Wheel Slot 19 (wheel slot 20) 102–107 Wheel Slot 20 (wheel slot 21) 108–112 Wheel Slot 21 (wheel slot 22) 113–117 Wheel Slot 22 (wheel slot 23) 118–122 Wheel Slot 23 (wheel slot 24) 123–127 Wheel Slot 24 (wheel slot 25) 128–132 Wheel Slot 25 (wheel slot 26) 133–137 Wheel Slot 26 (wheel slot 27) 138–142 Wheel Slot 27 (wheel slot 28) 143–147 Wheel Slot 28 (wheel slot 29) 148–153 Wheel Slot 29 (wheel slot 30) 154–158 Wheel Slot 30 (wheel slot 31) 159–163 Wheel Slot 31 (wheel slot 32) 164–168 Wheel Slot 32 (wheel slot 33) 169–173 Wheel Slot 33 (wheel slot 34) 174–178 Wheel Slot 34 (wheel slot 35) 179–183 Wheel Slot 35 (wheel slot 36) 184–188 Wheel Slot 36 (wheel slot 37) 189–194 Wheel Slot 37 (wheel slot 38) 195–199 Wheel Slot 38 (wheel slot 39) 200–204 Wheel Slot 39 (wheel slot 40) 205–209 Wheel Slot 40 (wheel slot 41) 210–214 Wheel Slot 41 (wheel slot 42) 215–219 Wheel Slot 42 (wheel slot 43) 220–224 Wheel Slot 43 (wheel slot 44) 225–229 Wheel Slot 44 (wheel slot 45) 230–235 Wheel Slot 45 (wheel slot 46) 236–240 Wheel Slot 46 (wheel slot 47) 241–245 Wheel Slot 47 (wheel slot 48) 246–250 Wheel Slot 48 (wheel slot 49) 251–255 Wheel Slot 49 (wheel slot 50)
16	Effect Speed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Control1	0	250–250 No Function 251–255 Reset ALL
18	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

45 Ch (continued)

Ch	Function	Default	DMX values
19	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
20	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
21	White	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

45 Ch + Virtual Dimmer

21 channels

Ch	Function	Default	DMX values
1	Pan	170	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
2	Pan Fine	170	Fine byte of Pan
3	Tilt	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Zoom	128	0–63 100 64–127 050 128–191 000 192–254 -050 255–255 -100
7	Dimmer	0	0–62 000 63–127 025 128–191 050 192–254 075 255–255 100

45 Ch + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	255	0–3 Shutter CLOSED 4–28 Shutter1Strobe LINEAR · 000 1–8.03 Hz 29–53 Shutter1Strobe LINEAR · 025 8.32–15.4 Hz 54–78 Shutter1Strobe LINEAR · 050 15.6–22.7 Hz 79–102 Shutter1Strobe LINEAR · 075 23–29.7 Hz 103–103 Shutter1Strobe LINEAR · 100 30 Hz 104–107 Open 108–132 Shutter1Strobe PULSE · 000 1–4.39 Hz 133–157 Shutter1Strobe PULSE · 025 4.54–7.93 Hz 158–182 Shutter1Strobe PULSE · 050 8.07–11.5 Hz 183–206 Shutter1Strobe PULSE · 075 11.6–14.9 Hz 207–207 Shutter1Strobe PULSE · 100 15 Hz 208–212 Open 213–225 Strobe Min 226–238 Strobe Medium 239–251 Strobe Max 252–255 Open
9	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	C TC	0	0–0 No Function 1–27 8500 K 28–55 7500 K 56–83 6800 K 84–111 6200 K 112–139 5600 K 140–167 5000 K 168–195 4500 K 196–223 3600 K 224–251 3200 K 252–255 2800 K

45 Ch + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–3 Wheel Slot 0 (wheel slot 1) 4–7 Wheel Slot 1 (wheel slot 2) 8–10 Wheel Slot 2 (wheel slot 3) 11–14 Wheel Slot 3 (wheel slot 4) 15–18 Wheel Slot 4 (wheel slot 5) 19–22 Wheel Slot 5 (wheel slot 6) 23–26 Wheel Slot 6 (wheel slot 7) 27–30 Wheel Slot 7 (wheel slot 8) 31–33 Wheel Slot 8 (wheel slot 9) 34–37 Wheel Slot 9 (wheel slot 10) 38–41 Wheel Slot 10 (wheel slot 11) 42–45 Wheel Slot 11 (wheel slot 12) 46–49 Wheel Slot 12 (wheel slot 13) 50–52 Wheel Slot 13 (wheel slot 14) 53–255 Wheel Slot 14 (wheel slot 15)

45 Ch + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
15	Effect	0	0–4 Wheel Slot 0 OPEN (wheel slot 1) 5–9 Wheel Slot 1 (wheel slot 2) 10–14 Wheel Slot 2 (wheel slot 3) 15–19 Wheel Slot 3 (wheel slot 4) 20–25 Wheel Slot 4 (wheel slot 5) 26–30 Wheel Slot 5 (wheel slot 6) 31–35 Wheel Slot 6 (wheel slot 7) 36–40 Wheel Slot 7 (wheel slot 8) 41–45 Wheel Slot 8 (wheel slot 9) 46–50 Wheel Slot 9 (wheel slot 10) 51–55 Wheel Slot 10 (wheel slot 11) 56–60 Wheel Slot 11 (wheel slot 12) 61–66 Wheel Slot 12 (wheel slot 13) 67–71 Wheel Slot 13 (wheel slot 14) 72–76 Wheel Slot 14 (wheel slot 15) 77–81 Wheel Slot 15 (wheel slot 16) 82–86 Wheel Slot 16 (wheel slot 17) 87–91 Wheel Slot 17 (wheel slot 18) 92–96 Wheel Slot 18 (wheel slot 19) 97–101 Wheel Slot 19 (wheel slot 20) 102–107 Wheel Slot 20 (wheel slot 21) 108–112 Wheel Slot 21 (wheel slot 22) 113–117 Wheel Slot 22 (wheel slot 23) 118–122 Wheel Slot 23 (wheel slot 24) 123–127 Wheel Slot 24 (wheel slot 25) 128–132 Wheel Slot 25 (wheel slot 26) 133–137 Wheel Slot 26 (wheel slot 27) 138–142 Wheel Slot 27 (wheel slot 28) 143–147 Wheel Slot 28 (wheel slot 29) 148–153 Wheel Slot 29 (wheel slot 30) 154–158 Wheel Slot 30 (wheel slot 31) 159–163 Wheel Slot 31 (wheel slot 32) 164–168 Wheel Slot 32 (wheel slot 33) 169–173 Wheel Slot 33 (wheel slot 34) 174–178 Wheel Slot 34 (wheel slot 35) 179–183 Wheel Slot 35 (wheel slot 36) 184–188 Wheel Slot 36 (wheel slot 37) 189–194 Wheel Slot 37 (wheel slot 38) 195–199 Wheel Slot 38 (wheel slot 39) 200–204 Wheel Slot 39 (wheel slot 40) 205–209 Wheel Slot 40 (wheel slot 41) 210–214 Wheel Slot 41 (wheel slot 42) 215–219 Wheel Slot 42 (wheel slot 43) 220–224 Wheel Slot 43 (wheel slot 44) 225–229 Wheel Slot 44 (wheel slot 45) 230–235 Wheel Slot 45 (wheel slot 46) 236–240 Wheel Slot 46 (wheel slot 47) 241–245 Wheel Slot 47 (wheel slot 48) 246–250 Wheel Slot 48 (wheel slot 49) 251–255 Wheel Slot 49 (wheel slot 50)
16	Effect Speed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Control1	0	250–250 No Function 251–255 Reset ALL
18	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

45 Ch + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
19	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
20	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
21	White	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100