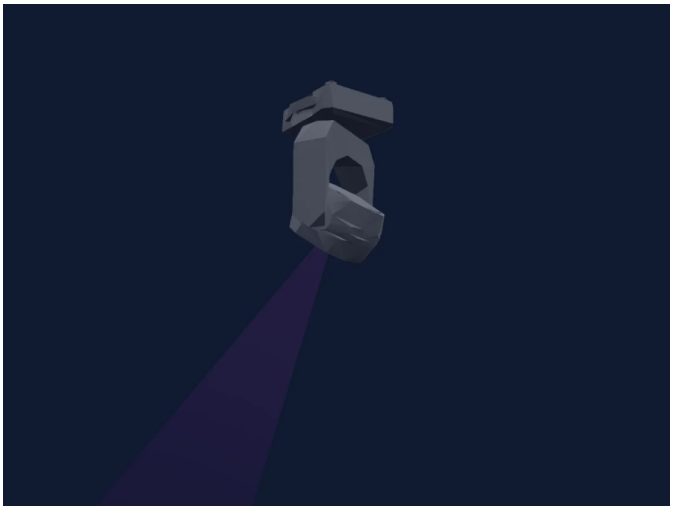
Ayrton

NandoBeam-S6



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 20, 32 channels**
Beam angle	**8-40°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**5**
Size (W × H × D)	**280 × 172 × 280 mm**
GDTF fixture type	**2FB49450-CE7C-44F5-A7ED-54…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Dimmer · Pixel control

Safety-relevant functions

Fixture reset

DMX modes

Basic	17 ch
Standard	20 ch
Extended	32 ch

Basic

17 channels

Ch	Function	Default	DMX values
1	Pan	85	
2	Tilt	128	
3	Position Modes	236	0–225 Max to Min Speed 226–235 Blackout by movement 236–255 No Fonction
4	Red	0	
5	Green	0	
6	Blue	0	
7	White	255	
8	Shutter1Strobe	32	0–31 Led OFF 32–63 Led ON 64–75 Strobe slow 76–94 Strobe Mid 95–95 Strobe Fast 96–127 NoFeature 4 128–142 Pulse Slow 143–158 Pulse Mid 159–159 Pulse Fast 160–191 NoFeature 6 192–199 Random Slow 200–222 Random Mid 223–223 Random Fast 224–255 NoFeature 8
9	Dimmer	0	0–254 Closed 255–255 Open
10	Color Macro1	0	1–7 No Fonction 8–39 from RED to YELLOW 40–71 from YELLOW to GREEN 72–103 from GREEN to CYAN 104–135 from CYAN to BLUE 136–167 from BLUE to MAGENTA 168–199 from MAGENTA to RED 200–231 from RED to WHITE 232–255 Empty Channel Set
11	Color Wheel	0	0–4 No Fonction (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4200k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Yellow (wheel slot 8) 40–44 Magenta (wheel slot 9) 45–49 Cyan (wheel slot 10) 50–54 Salmon (wheel slot 11) 55–59 turquoise (wheel slot 12) 60–64 Light Green (wheel slot 13) 65–69 Steel Blue (wheel slot 14) 70–74 Orange (wheel slot 15) 75–79 Straw (wheel slot 16) 80–85 Pale Lavander (wheel slot 17) 86–89 Pink (wheel slot 18) 90–94 red (wheel slot 19) 95–99 Green (wheel slot 20) 100–104 Blue (wheel slot 21) 105–199 Rainbow 200–255 Reserved
12	Color Preset Dimmer	0	

Basic (continued)

Ch	Function	Default	DMX values
13	Chase Patterns	0	0–14 No Chase 15–30 Chase1 31–46 Chase2 47–62 Chase3 63–78 Chase4 79–94 Chase5 95–110 Chase6 111–126 Chase7 127–142 Chase8 143–158 Chase9 159–174 Chase10 175–190 Chase11 191–206 Chase12 207–222 Chase13 223–238 Chase14 239–255 Chase15
14	Chase Speed	10	0–54 Fast Backward 55–120 Medium Backward 121–125 Slow Backward 126–134 Stop (Speed=0) 135–199 Slow Forward 200–254 Medium Forward 255–255 Fast Forward
15	Chase Fade	0	
16	Zoom	127	0–126 Wide 127–254 Mid 255–255 Narrow
17	Fixture Global Reset	0	

Standard

20 channels

Ch	Function	Default	DMX values
1	Pan	85	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position Modes	236	0–225 Max to Min Speed 226–235 Blackout by movement 236–255 No Fonction
6	Red	0	
7	Green	0	
8	Blue	0	
9	White	255	

Standard (continued)

Ch	Function	Default	DMX values
10	Shutter1Strobe	32	0–31 Led OFF 32–63 Led ON 64–75 Strobe slow 76–94 Strobe Mid 95–95 Strobe Fast 96–127 NoFeature 4 128–142 Pulse Slow 143–158 Pulse Mid 159–159 Pulse Fast 160–191 NoFeature 6 192–199 Random Slow 200–222 Random Mid 223–223 Random Fast 224–255 NoFeature 8
11	Dimmer	0	0–254 Closed 255–255 Open
12	Color Macro1	0	1–7 No Fonction 8–39 from RED to YELLOW 40–71 from YELLOW to GREEN 72–103 from GREEN to CYAN 104–135 from CYAN to BLUE 136–167 from BLUE to MAGENTA 168–199 from MAGENTA to RED 200–231 from RED to WHITE 232–255 Empty Channel Set
13	Color Wheel	0	0–4 No Fonction (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4200k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Yellow (wheel slot 8) 40–44 Magenta (wheel slot 9) 45–49 Cyan (wheel slot 10) 50–54 Salmon (wheel slot 11) 55–59 turquoise (wheel slot 12) 60–64 Light Green (wheel slot 13) 65–69 Steel Blue (wheel slot 14) 70–74 Orange (wheel slot 15) 75–79 Straw (wheel slot 16) 80–85 Pale Lavander (wheel slot 17) 86–89 Pink (wheel slot 18) 90–94 red (wheel slot 19) 95–99 Green (wheel slot 20) 100–104 Blue (wheel slot 21) 105–199 Rainbow 200–255 Reserved
14	Color Preset Dimmer	0	

Standard (continued)

Ch	Function	Default	DMX values
15	Chase Patterns	0	0–14 No Chase 15–30 Chase1 31–46 Chase2 47–62 Chase3 63–78 Chase4 79–94 Chase5 95–110 Chase6 111–126 Chase7 127–142 Chase8 143–158 Chase9 159–174 Chase10 175–190 Chase11 191–206 Chase12 207–222 Chase13 223–238 Chase14 239–255 Chase15
16	Chase Speed	10	0–54 Fast Backward 55–120 Medium Backward 121–125 Slow Backward 126–134 Stop (Speed=0) 135–199 Slow Forward 200–254 Medium Forward 255–255 Fast Forward
17	Chase Fade	0	
18	Zoom	127	0–126 Wide 127–254 Mid 255–255 Narrow
19	Zoom Fine	255	Fine byte of Zoom
20	Fixture Global Reset	0	

Extended

32 channels

Ch	Function	Default	DMX values
1	Pan	85	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position Modes	0	0–225 Max to Min Speed 226–235 Blackout by movement 236–255 No Fonction
6	Shutter1Strobe	32	0–31 Led OFF 32–63 Led ON 64–75 Strobe slow 76–94 Strobe Mid 95–95 Strobe Fast 96–127 NoFeature 4 128–142 Pulse Slow 143–158 Pulse Mid 159–159 Pulse Fast 160–191 NoFeature 6 192–199 Random Slow 200–222 Random Mid 223–223 Random Fast 224–255 NoFeature 8
7	Dimmer	0	0–254 Closed 255–255 Open

Extended (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	1–7 No Fonction 8–39 from RED to YELLOW 40–71 from YELLOW to GREEN 72–103 from GREEN to CYAN 104–135 from CYAN to BLUE 136–167 from BLUE to MAGENTA 168–199 from MAGENTA to RED 200–231 from RED to WHITE 232–255 Empty Channel Set
9	Color Wheel	0	0–4 No Fonction (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4200k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Yellow (wheel slot 8) 40–44 Magenta (wheel slot 9) 45–49 Cyan (wheel slot 10) 50–54 Salmon (wheel slot 11) 55–59 turquoise (wheel slot 12) 60–64 Light Green (wheel slot 13) 65–69 Steel Blue (wheel slot 14) 70–74 Orange (wheel slot 15) 75–79 Straw (wheel slot 16) 80–85 Pale Lavander (wheel slot 17) 86–89 Pink (wheel slot 18) 90–94 red (wheel slot 19) 95–99 Green (wheel slot 20) 100–104 Blue (wheel slot 21) 105–199 Rainbow 200–255 Reserved
10	Color Preset Dimmer	0	
11	Chase Patterns	0	0–14 No Chase 15–30 Chase1 31–46 Chase2 47–62 Chase3 63–78 Chase4 79–94 Chase5 95–110 Chase6 111–126 Chase7 127–142 Chase8 143–158 Chase9 159–174 Chase10 175–190 Chase11 191–206 Chase12 207–222 Chase13 223–238 Chase14 239–255 Chase15
12	Chase Speed	10	0–54 Fast Backward 55–120 Medium Backward 121–125 Slow Backward 126–134 Stop (Speed=0) 135–199 Slow Forward 200–254 Medium Forward 255–255 Fast Forward
13	Chase Fade	0	
14	Zoom	127	0–126 Wide 127–254 Mid 255–255 Narrow

Extended (continued)

Ch	Function	Default	DMX values
15	Zoom Fine	255	Fine byte of Zoom
16	Red	0	
17	Green	0	
18	Blue	0	
19	White	255	
20	Red	0	
21	Green	0	
22	Blue	0	
23	White	255	
24	Red	0	
25	Green	0	
26	Blue	0	
27	White	255	
28	Red	0	
29	Green	0	
30	Blue	0	
31	White	255	
32	Fixture Global Reset	0	