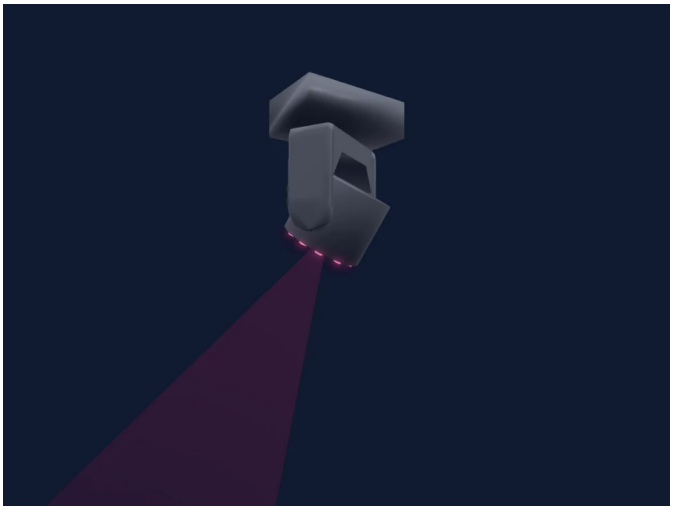
ACME

ACME DIABOLO 300 (AM-WASH300)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**11, 14, 15 channels**
Beam angle	**10-60°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**205 × 160 × 205 mm**
GDTF fixture type	**E65E50D3-543C-46CD-AB1D-A…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pan and tilt

Safety-relevant functions

Fixture reset

DMX modes

Mode 2 11DMX	11 ch
Mode 1 14DMX	14 ch
Mode 4 14DMX	14 ch
Mode 3 15DMX	15 ch

Mode 2 11DMX

11 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	128	
3	P TSpeed	0	
4	Zoom	128	
5	Dimmer	0	0–254 Open 255–255 Closed
6	Shutter1Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	0	
11	Reset	0	0–139 NoFeature 1 140–149 PT Reset 150–169 NoFeature 2 170–179 Eff Reset 180–199 NoFeature 3 200–209 Reset All 210–255 NoFeature 4

Mode 1 14DMX

14 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Zoom	128	
7	Dimmer	0	0–254 Open 255–255 Closed
8	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 14DMX (continued)

Ch	Function	Default	DMX values
9	Shutter1Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	Reset	0	0–139 NoFeature 1 140–149 PT Reset 150–169 NoFeature 2 170–179 Eff Reset 180–199 NoFeature 3 200–209 Reset All 210–255 NoFeature 4

Mode 4 14DMX

14 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Reset	0	0–139 NoFeature 1 140–149 PT Reset 150–169 NoFeature 2 170–179 Eff Reset 180–199 NoFeature 3 200–209 Reset All 210–255 NoFeature 4
7	Dimmer	0	0–254 Open 255–255 Closed

Mode 4 14DMX (continued)

Ch	Function	Default	DMX values
8	Shutter1Strobe	22	0–19 Closed 20–24 Open 25–63 mim Strobe 64–64 max Strobe 65–69 Open 2 70–83 min Pulse Open 84–84 max Pulse Open 85–89 Open 3 90–103 min Pulse Close 104–104 max Pulse Close 105–109 Open 4 110–123 min Strobe Ran 124–124 max Strobe Ran 125–129 Open 5 130–143 max Rand Pulse Open 144–144 min Rand Pulse Open 145–149 Open 6 150–163 max Ran Pulse Close 164–164 min Ran Pulse Close 165–169 Open 7 170–183 max Shutter1 Burst Pulse 184–184 min Shutter1 Burst Pulse 185–189 Open 8 190–203 max Rnd Burst Pulse 204–204 min Rnd Burst Pulse 205–209 Open 9 210–223 max Strobe Sine 224–224 min Strobe Sine 225–229 Open 10 230–243 max Burst 244–244 min Burst 245–255 Open 11
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	0	

Mode 4 14DMX (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–9 Open 10–14 Color 1 15–19 Color 2 20–29 Color 3 30–34 Color 4 35–39 Color 5 40–44 Color 6 45–49 Color 7 50–54 Color 8 55–59 Color 9 60–64 Color 10 65–69 Color 11 70–74 Color 12 75–79 Color 13 80–84 Color 14 85–89 Color 15 90–94 Color 16 95–99 Color 17 100–104 Color 18 105–109 Color 19 110–114 Color 20 115–119 Color 21 120–124 Color 22 125–129 Color 23 130–134 Color 24 135–139 Color 25 140–144 Color 26 145–149 Color 27 150–154 Color 28 155–159 Color 29 160–169 Color 30 170–174 Color 31 175–179 Open 2 180–228 Max Cycle 229–229 Min Cycle 230–234 Open 3 235–239 Max Ran 240–248 Ran 249–249 Min Ran 250–255 Open 4
14	Zoom	128	

Mode 3 15DMX

15 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Zoom	128	
7	Dimmer	0	0–254 Open 255–255 Closed
8	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 15DMX (continued)

Ch	Function	Default	DMX values
9	Shutter1Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TO	0	
15	Reset	0	0–139 NoFeature 1 140–149 PT Reset 150–169 NoFeature 2 170–179 Eff Reset 180–199 NoFeature 3 200–209 Reset All 210–255 NoFeature 4