ACME

ACME RAY 500 (BEAM 500)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**19, 20 channels**
Beam angle	**3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**270 × 449 × 230 mm**
GDTF fixture type	**3AA1DA94-BA59-4606-A246-F8…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Mode 2 19 DMX	19 ch
Mode 1 20 DMX	20 ch

Mode 2 19 DMX

19 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	Color Wheel	0	0–7 Open (wheel slot 1) 8–11 Color 1 (wheel slot 2) 12–15 Color 2 (wheel slot 3) 16–19 Color 3 (wheel slot 4) 20–23 Color 4 (wheel slot 5) 24–27 Color 5 (wheel slot 6) 28–31 Color 6 (wheel slot 7) 32–35 Color 7 (wheel slot 8) 36–39 Color 8 (wheel slot 9) 40–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
7	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 1 Shake (wheel slot 2) 72–79 Gobo 2 Shake (wheel slot 3) 80–87 Gobo 3 Shake (wheel slot 4) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 5 Shake (wheel slot 6) 104–111 Gobo 6 Shake (wheel slot 7) 112–127 Gobo 7 Shake (wheel slot 8) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
8	Gobo Rotation	0	0–127 Index 128–188 Max CW 189–189 Min CW 190–193 Stop 194–254 Min CCW 255–255 Max CCW

Mode 2 19 DMX (continued)

Ch	Function	Default	DMX values
9	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–61 Gobo 9 (wheel slot 10) 62–67 Gobo 10 (wheel slot 11) 68–73 Gobo 1 (wheel slot 2) 74–79 Gobo 2 (wheel slot 3) 80–85 Gobo 3 (wheel slot 4) 86–91 Gobo 4 (wheel slot 5) 92–97 Gobo 5 (wheel slot 6) 98–103 Gobo 6 (wheel slot 7) 104–109 Gobo 7 (wheel slot 8) 110–115 Gobo 8 (wheel slot 9) 116–121 Gobo 9 (wheel slot 10) 122–127 Gobo 10 (wheel slot 11) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
10	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
11	Prism Rotation	0	1–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
12	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 2 (wheel slot 2)
13	Prism Rotation	0	1–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
14	Frost1	0	
15	Shutter / Strobe	8	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 Min Pulse Close 181–181 Max Pulse Close 182–189 Open 3 190–230 Min Pulse Open 231–231 Max Pulse Open 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Focus	122	

Mode 2 19 DMX (continued)

Ch	Function	Default	DMX values
19	Function	0	0–29 Null 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Boost 90–99 Quiet 100–109 Enable 110–119 Disable 120–129 Enable 130–139 Disable 140–179 Null 180–189 Fast 190–199 Smooth 200–209 All Reset 210–219 Eff Reset 220–229 P/T Reset 240–255 Null

Mode 1 20 DMX

20 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	Color Wheel	0	0–7 Open (wheel slot 1) 8–11 Color 1 (wheel slot 2) 12–15 Color 2 (wheel slot 3) 16–19 Color 3 (wheel slot 4) 20–23 Color 4 (wheel slot 5) 24–27 Color 5 (wheel slot 6) 28–31 Color 6 (wheel slot 7) 32–35 Color 7 (wheel slot 8) 36–39 Color 8 (wheel slot 9) 40–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 1 20 DMX (continued)

Ch	Function	Default	DMX values
7	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 1 Shake (wheel slot 2) 72–79 Gobo 2 Shake (wheel slot 3) 80–87 Gobo 3 Shake (wheel slot 4) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 5 Shake (wheel slot 6) 104–111 Gobo 6 Shake (wheel slot 7) 112–127 Gobo 7 Shake (wheel slot 8) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
8	Gobo Rotation	0	0–127 Index 128–188 Max CW 189–189 Min CW 190–193 Stop 194–254 Min CCW 255–255 Max CCW
9	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–61 Gobo 9 (wheel slot 10) 62–67 Gobo 10 (wheel slot 11) 68–73 Gobo 1 (wheel slot 2) 74–79 Gobo 2 (wheel slot 3) 80–85 Gobo 3 (wheel slot 4) 86–91 Gobo 4 (wheel slot 5) 92–97 Gobo 5 (wheel slot 6) 98–103 Gobo 6 (wheel slot 7) 104–109 Gobo 7 (wheel slot 8) 110–115 Gobo 8 (wheel slot 9) 116–121 Gobo 9 (wheel slot 10) 122–127 Gobo 10 (wheel slot 11) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
10	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
11	Prism Rotation	0	0–127 Index (wheel slot 2) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW

Mode 1 20 DMX (continued)

Ch	Function	Default	DMX values
12	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 2 (wheel slot 2)
13	Prism Rotation	0	0–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
14	Frost1	0	
15	Shutter / Strobe	8	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 Min Pulse Close 181–181 Max Pulse Close 182–189 Open 3 190–230 Min Pulse Open 231–231 Max Pulse Open 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Focus	122	
19	Focus Fine	122	Fine byte of Focus
20	Function	0	0–29 Null 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Boost 90–99 Quiet 100–109 Enable 110–119 Disable 120–129 Enable 130–139 Disable 140–179 Null 180–189 Fast 190–199 Smooth 200–209 All Reset 210–219 Eff Reset 220–229 P/T Reset 240–255 Null