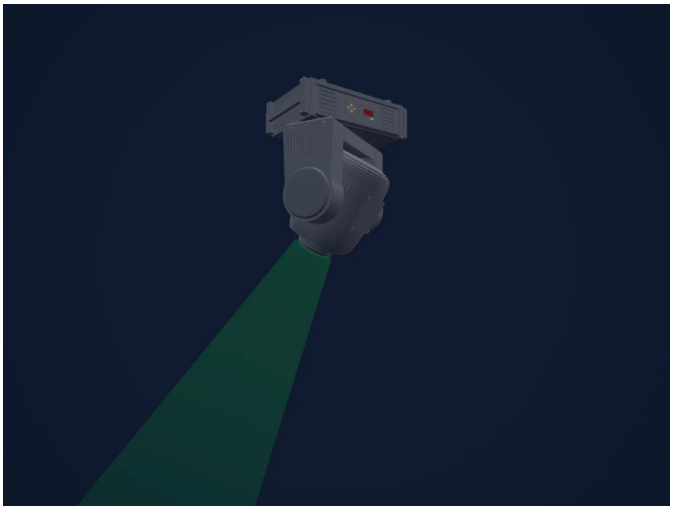
Martin

MAC 350 Entour



Manufacturer	**Martin**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**14, 17 channels**
Beam angle	**25°**
Pan range	**630°**
Tilt range	**300°**
Size (W × H × D)	**220 × 306 × 250 mm**
GDTF fixture type	**15B0D045-B271-5B71-B243-19…**

Controls

Focus · Iris · Colour wheel · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

14CH (provisional)	14 ch
17CH (provisional)	17 ch

14CH (provisional)

14 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–19 Shutter closed 20–49 Shutter open 50–64 Strobe1 fast to slow 65–69 Shutter open 70–84 Strobe2 fast to slow 85–89 Shutter open 90–104 Strobe3 fast to slow 105–109 Shutter open 110–124 Strobe4 fast to slow 125–129 Shutter open 130–144 Strobe5 fast to slow 145–149 Shutter open 150–164 Strobe6 fast to slow 165–169 Shutter open 170–184 Strobe7 fast to slow 185–189 Shutter open 190–204 Strobe8 fast to slow 205–209 Shutter open 210–224 Strobe9 fast to slow 225–229 Shutter open 230–244 Strobe10 fast to slow 245–255 Shutter open
2	Dimmer	0	
3	Color Wheel	0	0–0 Open white (wheel slot 1) 1–15 Open white / Blue (wheel slot 1) 16–16 Blue (wheel slot 2) 17–31 Blue / Green (wheel slot 2) 32–32 Green (wheel slot 3) 33–47 Green / Orange (wheel slot 3) 48–48 Orange (wheel slot 4) 49–63 Orange / Yellow (wheel slot 4) 64–64 Yellow (wheel slot 5) 65–79 Yellow / Pink (wheel slot 5) 80–80 Pink (wheel slot 6) 81–95 Pink / Magenta (wheel slot 6) 96–96 Magenta (wheel slot 7) 97–111 Magenta / Congo (wheel slot 7) 112–112 Congo (wheel slot 8) 113–127 Congo / Red (wheel slot 8) 128–128 Red (wheel slot 9) 129–143 Red / Open (wheel slot 9) 144–144 Open (wheel slot 1) 145–148 Red (wheel slot 9) 149–152 Congo (wheel slot 8) 153–156 Magenta (wheel slot 7) 157–160 Pink (wheel slot 6) 161–164 Yellow (wheel slot 5) 165–168 Orange (wheel slot 4) 169–172 Green (wheel slot 3) 173–176 Blue (wheel slot 2) 177–180 Open white (wheel slot 1) 181–203 CW fast to slow 204–207 Color wheel stop 208–230 CCW slow to fast 231–235 Music fast 236–239 Music medium 240–243 Music slow 244–247 Random fast 248–251 Random medium 252–255 Random slow

14CH (provisional) (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 Open gobo indexing bank 4–7 Jessica Rose indexing bank 8–11 Cathedral Spikes indexing bank 12–15 Galaxy Breakup indexing bank 16–19 Fabrick indexing bank 20–23 Dipple indexing bank 24–27 Blue Ripple indexing bank 28–31 Open gobo rotation bank 32–35 Jessica Rose rotation bank 36–39 Cathedral Spikes rotation bank 40–43 Galaxy Breakup rotation bank 44–47 Fabrick rotation bank 48–51 Dipple rotation bank 52–55 Blue Ripple rotation bank 56–66 Jessica Rose shake slow to fast 67–77 Cathedral Spikes shake slow to fast 78–88 Galaxy Breakup shake slow to fast 89–99 Fabrick shake slow to fast 100–110 Dipple shake slow to fast 111–132 Blue Ripple shake slow to fast 133–143 Dipple shake slow to fast 144–154 Fabrick shake slow to fast 155–165 Galaxy Breakup shake slow to fast 166–176 Cathedral Spikes shake slow to fast 177–187 Jessica Rose shake slow to fast 188–215 CW slow to fast 216–243 CCW fast to slow 244–247 Music fast 248–251 Music medium 252–255 Music slow
5	Control	0	
6	Iris	0	0–199 Iris open to closed 200–215 Iris closed 216–229 Opening pulse fast to slow 230–243 Closing pulse fast to slow 244–249 Random opening pulse 250–255 Random closing pulse
7	Focus	0	

14CH (provisional) (continued)

Ch	Function	Default	DMX values
8	No Feature	0	0–5 No Macro 6–11 Macro1.1 12–17 Macro1.2 18–23 Macro1.3 24–29 Macro1.4 30–35 Macro2.1 36–41 Macro2.2 42–47 Macro2.3 48–53 Macro2.4 54–59 Macro3.1 60–65 Macro3.2 66–71 Macro3.3 72–77 Macro3.4 78–83 Macro4.1 84–89 Macro4.2 90–95 Macro4.3 96–101 Macro4.4 102–107 Macro5.1 108–113 Macro5.2 114–119 Macro5.3 120–125 Macro5.4 126–131 Macro6.1 132–137 Macro6.2 138–143 Macro6.3 144–149 Macro6.4 150–155 Macro7.1 156–161 Macro7.2 162–167 Macro7.3 168–173 Macro7.4 174–179 Macro8.1 180–185 Macro8.2 186–191 Macro8.3 192–197 Macro8.4 198–203 Macro9.1 204–209 Macro9.2 210–215 Macro9.3 216–221 Macro9.4 222–227 Macro10.1 228–233 Macro10.2 234–239 Macro10.3 240–245 Macro10.4 246–255 Reserved no effect

14CH (provisional) (continued)

Ch	Function	Default	DMX values
9	No Feature	0	0–5 No Macro 6–11 Macro1.1 12–17 Macro1.2 18–23 Macro1.3 24–29 Macro1.4 30–35 Macro2.1 36–41 Macro2.2 42–47 Macro2.3 48–53 Macro2.4 54–59 Macro3.1 60–65 Macro3.2 66–71 Macro3.3 72–77 Macro3.4 78–83 Macro4.1 84–89 Macro4.2 90–95 Macro4.3 96–101 Macro4.4 102–107 Macro5.1 108–113 Macro5.2 114–119 Macro5.3 120–125 Macro5.4 126–131 Macro6.1 132–137 Macro6.2 138–143 Macro6.3 144–149 Macro6.4 150–155 Macro7.1 156–161 Macro7.2 162–167 Macro7.3 168–173 Macro7.4 174–179 Macro8.1 180–185 Macro8.2 186–191 Macro8.3 192–197 Macro8.4 198–203 Macro9.1 204–209 Macro9.2 210–215 Macro9.3 216–221 Macro9.4 222–227 Macro10.1 228–233 Macro10.2 234–239 Macro10.3 240–245 Macro10.4 246–255 Reserved no effect
10	Pan	128	
11	Tilt	128	
12	Pan Tilt Speed	0	0–2 Tracking mode 3–245 Vector fast to slow 246–251 Reserved future use 252–255 Blackout while moving
13	Control	0	0–2 Tracking mode 3–245 Vector fast to slow 246–248 Tracking SCUT OFF 249–251 Tracking SCUT ON 252–255 Blackout while moving

14CH (provisional) (continued)

Ch	Function	Default	DMX values
14	No Feature	0	0–9 No function 10–14 Reset entire fixture 15–19 No function 20–24 Reset effects 25–29 No function 30–34 Reset pan tilt 35–39 No function 40–44 Pan tilt speed NORM 45–49 Pan tilt speed FAST 50–54 Pan tilt speed SLOW 55–59 Reserved 60–64 No function 65–69 Fan Full 70–74 No function 75–79 Fan Regulated 80–84 No function 85–89 Fan Silent 90–94 No function 95–99 Dimmer LIN 100–104 No function 105–109 Dimmer SQR 110–114 No function 115–119 Dimmer ISQR 120–124 No function 125–129 Dimmer SCUR 130–134 No function 135–139 Calibrated output 140–144 No function 145–149 Raw maximum output 150–154 No function 155–249 Reserved 250–255 Illuminate display

17CH (provisional)

17 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–19 Shutter closed 20–49 Shutter open 50–64 Strobe1 fast to slow 65–69 Shutter open 70–84 Strobe2 fast to slow 85–89 Shutter open 90–104 Strobe3 fast to slow 105–109 Shutter open 110–124 Strobe4 fast to slow 125–129 Shutter open 130–144 Strobe5 fast to slow 145–149 Shutter open 150–164 Strobe6 fast to slow 165–169 Shutter open 170–184 Strobe7 fast to slow 185–189 Shutter open 190–204 Strobe8 fast to slow 205–209 Shutter open 210–224 Strobe9 fast to slow 225–229 Shutter open 230–244 Strobe10 fast to slow 245–255 Shutter open
2	Dimmer	0	

17CH (provisional) (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–0 Open white (wheel slot 1) 1–15 Open white / Blue (wheel slot 1) 16–16 Blue (wheel slot 2) 17–31 Blue / Green (wheel slot 2) 32–32 Green (wheel slot 3) 33–47 Green / Orange (wheel slot 3) 48–48 Orange (wheel slot 4) 49–63 Orange / Yellow (wheel slot 4) 64–64 Yellow (wheel slot 5) 65–79 Yellow / Pink (wheel slot 5) 80–80 Pink (wheel slot 6) 81–95 Pink / Magenta (wheel slot 6) 96–96 Magenta (wheel slot 7) 97–111 Magenta / Congo (wheel slot 7) 112–112 Congo (wheel slot 8) 113–127 Congo / Red (wheel slot 8) 128–128 Red (wheel slot 9) 129–143 Red / Open (wheel slot 9) 144–144 Open (wheel slot 1) 145–148 Red (wheel slot 9) 149–152 Congo (wheel slot 8) 153–156 Magenta (wheel slot 7) 157–160 Pink (wheel slot 6) 161–164 Yellow (wheel slot 5) 165–168 Orange (wheel slot 4) 169–172 Green (wheel slot 3) 173–176 Blue (wheel slot 2) 177–180 Open white (wheel slot 1) 181–203 CW fast to slow 204–207 Color wheel stop 208–230 CCW slow to fast 231–235 Music fast 236–239 Music medium 240–243 Music slow 244–247 Random fast 248–251 Random medium 252–255 Random slow

17CH (provisional) (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 Open gobo indexing bank 4–7 Jessica Rose indexing bank 8–11 Cathedral Spikes indexing bank 12–15 Galaxy Breakup indexing bank 16–19 Fabrick indexing bank 20–23 Dipple indexing bank 24–27 Blue Ripple indexing bank 28–31 Open gobo rotation bank 32–35 Jessica Rose rotation bank 36–39 Cathedral Spikes rotation bank 40–43 Galaxy Breakup rotation bank 44–47 Fabrick rotation bank 48–51 Dipple rotation bank 52–55 Blue Ripple rotation bank 56–66 Jessica Rose shake slow to fast 67–77 Cathedral Spikes shake slow to fast 78–88 Galaxy Breakup shake slow to fast 89–99 Fabrick shake slow to fast 100–110 Dipple shake slow to fast 111–132 Blue Ripple shake slow to fast 133–143 Dipple shake slow to fast 144–154 Fabrick shake slow to fast 155–165 Galaxy Breakup shake slow to fast 166–176 Cathedral Spikes shake slow to fast 177–187 Jessica Rose shake slow to fast 188–215 CW slow to fast 216–243 CCW fast to slow 244–247 Music fast 248–251 Music medium 252–255 Music slow
5	Control	0	
6	Control Fine	0	Fine byte of Control
7	Iris	0	0–199 Iris open to closed 200–215 Iris closed 216–229 Opening pulse fast to slow 230–243 Closing pulse fast to slow 244–249 Random opening pulse 250–255 Random closing pulse
8	Focus	0	

17CH (provisional) (continued)

Ch	Function	Default	DMX values
9	No Feature	0	0–5 No Macro 6–11 Macro1.1 12–17 Macro1.2 18–23 Macro1.3 24–29 Macro1.4 30–35 Macro2.1 36–41 Macro2.2 42–47 Macro2.3 48–53 Macro2.4 54–59 Macro3.1 60–65 Macro3.2 66–71 Macro3.3 72–77 Macro3.4 78–83 Macro4.1 84–89 Macro4.2 90–95 Macro4.3 96–101 Macro4.4 102–107 Macro5.1 108–113 Macro5.2 114–119 Macro5.3 120–125 Macro5.4 126–131 Macro6.1 132–137 Macro6.2 138–143 Macro6.3 144–149 Macro6.4 150–155 Macro7.1 156–161 Macro7.2 162–167 Macro7.3 168–173 Macro7.4 174–179 Macro8.1 180–185 Macro8.2 186–191 Macro8.3 192–197 Macro8.4 198–203 Macro9.1 204–209 Macro9.2 210–215 Macro9.3 216–221 Macro9.4 222–227 Macro10.1 228–233 Macro10.2 234–239 Macro10.3 240–245 Macro10.4 246–255 Reserved no effect

17CH (provisional) (continued)

Ch	Function	Default	DMX values
10	No Feature	0	0–5 No Macro 6–11 Macro1.1 12–17 Macro1.2 18–23 Macro1.3 24–29 Macro1.4 30–35 Macro2.1 36–41 Macro2.2 42–47 Macro2.3 48–53 Macro2.4 54–59 Macro3.1 60–65 Macro3.2 66–71 Macro3.3 72–77 Macro3.4 78–83 Macro4.1 84–89 Macro4.2 90–95 Macro4.3 96–101 Macro4.4 102–107 Macro5.1 108–113 Macro5.2 114–119 Macro5.3 120–125 Macro5.4 126–131 Macro6.1 132–137 Macro6.2 138–143 Macro6.3 144–149 Macro6.4 150–155 Macro7.1 156–161 Macro7.2 162–167 Macro7.3 168–173 Macro7.4 174–179 Macro8.1 180–185 Macro8.2 186–191 Macro8.3 192–197 Macro8.4 198–203 Macro9.1 204–209 Macro9.2 210–215 Macro9.3 216–221 Macro9.4 222–227 Macro10.1 228–233 Macro10.2 234–239 Macro10.3 240–245 Macro10.4 246–255 Reserved no effect
11	Pan	128	
12	Pan Fine	0	Fine byte of Pan
13	Tilt	128	
14	Tilt Fine	0	Fine byte of Tilt
15	Pan Tilt Speed	0	0–2 Tracking mode 3–245 Vector fast to slow 246–251 Reserved future use 252–255 Blackout while moving
16	Control	0	0–2 Tracking mode 3–245 Vector fast to slow 246–248 Tracking SCUT OFF 249–251 Tracking SCUT ON 252–255 Blackout while moving

17CH (provisional) (continued)

Ch	Function	Default	DMX values
17	No Feature	0	0–9 No function 10–14 Reset entire fixture 15–19 No function 20–24 Reset effects 25–29 No function 30–34 Reset pan tilt 35–39 No function 40–44 Pan tilt speed NORM 45–49 Pan tilt speed FAST 50–54 Pan tilt speed SLOW 55–59 Reserved 60–64 No function 65–69 Fan Full 70–74 No function 75–79 Fan Regulated 80–84 No function 85–89 Fan Silent 90–94 No function 95–99 Dimmer LIN 100–104 No function 105–109 Dimmer SQR 110–114 No function 115–119 Dimmer ISQR 120–124 No function 125–129 Dimmer SCUR 130–134 No function 135–139 Calibrated output 140–144 No function 145–149 Raw maximum output 150–154 No function 155–249 Reserved 250–255 Illuminate display

Fixture model: gdtf-martin-mac-350-entour-2611035106
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...