BOS Lighting

# Amadeus H600



| | |
|---|---|
| Manufacturer | **BOS Lighting** |
| Type | **Profile spot** |
| DMX modes | **2** |
| DMX footprint | **37, 41 channels** |
| Beam angle | **5-55°** |
| Pan range | **540°** |
| Tilt range | **268°** |
| Size (W × H × D) | **330 × 565 × 350 mm** |
| GDTF fixture type | **E651EAE1-F73B-4ECE-AF87-03F…** |

## Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Dimmer · Pan and tilt · Gobos · Gobo rotation

## Safety-relevant functions

Lamp on and off · Fixture reset

## DMX modes

| | |
|---|---|
| Standard 37ch | 37 ch |
| Extended 41 CH | 41 ch |

## Standard 37ch

37 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Cyan | 0 | |
| **2** | Magenta | 0 | |
| **3** | Yellow | 0 | |
| **4** | C TO | 0 | |
| **5** | Color Wheel | 0 | 0–17 White (wheel slot 1)<br>18–35 Red (wheel slot 2)<br>36–53 Magenta (wheel slot 3)<br>54–71 Orange (wheel slot 4)<br>72–89 Green (wheel slot 5)<br>90–107 Blue (wheel slot 6)<br>108–109 open (wheel slot 7)<br>110–127 CRI (wheel slot 8)<br>128–255 Scroll (wheel slot 9) |
| **6** | Shutter1Strobe | 0 | 0–3 Close<br>4–103 Strobe<br>104–107 Open 1<br>108–207 Random strobe<br>208–212 Open 2<br>213–251 Random strobe 2<br>252–255 Open 3 |
| **7** | Dimmer | 0 | |
| **8** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **9** | Iris | 131 | 0–130 Close<br>131–131 Open<br>132–170 Min<br>171–171 Max<br>172–210 Min<br>211–211 Max<br>212–250 Min<br>251–251 Max<br>252–255 Open |
| **10** | Gobo | 0 | 0–7 Open (wheel slot 1)<br>8–15 Gobo 1 (wheel slot 2)<br>16–23 Gobo 2 (wheel slot 3)<br>24–31 Gobo 3 (wheel slot 4)<br>32–39 Gobo 4 (wheel slot 5)<br>40–47 Gobo 5 (wheel slot 6)<br>48–55 Gobo 6 (wheel slot 7)<br>56–63 Gobo 7 (wheel slot 8)<br>64–71 Gobo 8 (wheel slot 9)<br>72–113 Gobo1 Clock Rot<br>114–117 Gobo1 Stop Rot<br>118–159 Gobo1 ContClock Rot<br>160–171 GOD00F/009 (wheel slot 1)<br>172–183 GOD00F/007 (wheel slot 2)<br>184–195 GOD00F/006 (wheel slot 3)<br>196–207 GOD00F/005 (wheel slot 4)<br>208–219 GOD00F/004 (wheel slot 5)<br>220–231 GOD00F/003 (wheel slot 6)<br>232–243 GOD00F/002 (wheel slot 7)<br>244–255 GOD00F/001 (wheel slot 8) |

## Standard 37ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Gobo 2 | 0 | 0–18 Open (wheel slot 1)<br>19–36 Gobo 1 (wheel slot 2)<br>37–55 Gobo 2 (wheel slot 3)<br>56–73 Gobo 3 (wheel slot 4)<br>74–92 Gobo 4 (wheel slot 5)<br>93–110 Gobo 5 (wheel slot 6)<br>111–129 Gobo 6 (wheel slot 7)<br>130–150 GOD00E-001 (wheel slot 2)<br>151–171 GOD00E-002 (wheel slot 3)<br>172–192 GOD00E-017 (wheel slot 4)<br>193–213 GOD00E-010 (wheel slot 5)<br>214–234 GOD00E-005 (wheel slot 6)<br>235–255 GOD00E-018 (wheel slot 7) |
| **12** | Gobo Rotation 2 | 0 | 0–127 Index<br>128–190 ClockWise Rotation<br>191–192 Stop Rotation<br>193–255 Counter ClockWise Rotation |
| **13** | Gobo Rotation 2 Fine | 0 | Fine byte of Gobo Rotation 2 |
| **14** | Prism | 0 | 0–127 Out<br>128–255 4 Facet Prism |
| **15** | Prism Rotation | 0 | 0–21 0 to 90<br>22–42 90 to 180<br>43–63 180 to 270<br>64–84 270 to 360<br>85–105 360 to 450<br>106–127 450 to 540<br>128–190 Counter Clockwise<br>191–192 Stop<br>193–255 ClockWise |
| **16** | Frost1 | 0 | |
| **17** | Blade1A | 0 | |
| **18** | Blade1B | 0 | |
| **19** | Blade2A | 0 | |
| **20** | Blade2B | 0 | |
| **21** | Blade3A | 0 | |
| **22** | Blade3B | 0 | |
| **23** | Blade4A | 0 | |
| **24** | Blade4B | 0 | |
| **25** | Blade1Rot | 0 | |
| **26** | Focus | 0 | |
| **27** | Focus Fine | 0 | Fine byte of Focus |
| **28** | Zoom | 127 | 0–254 Narrow<br>255–255 Wide |
| **29** | Focus1Distance | 0 | 0–6 AutoFocus Disable<br>7–254 AutoFocus 4M<br>255–255 AutoFocus 100M |
| **30** | Focus1Adjust | 0 | 0–127 Focus Fine<br>128–128 Stop<br>129–255 Focus Fins |
| **31** | Pan | 127 | |
| **32** | Pan Fine | 255 | Fine byte of Pan |
| **33** | Tilt | 127 | |
| **34** | Tilt Fine | 255 | Fine byte of Tilt |

### Standard 37ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **35** | Function | 0 | 12–24 Fast Pan/Tilt Speed<br>25–37 Normal Pan/Tilt Speed<br>38–50 Conventional Dimmer Curve<br>51–113 Standard Dimmer Curve<br>114–126 Slow Blade Speed<br>127–139 Fast Blade Speed<br>140–152 Fast Gobo Change<br>153–203 Normal Gobo Change<br>204–255 Linear Dimmer Curve |
| **36** | Fixture Global Reset | 0 | 26–76 Zoom Reset<br>77–127 Pan/Tilt Reset<br>128–255 Complete Reset |
| **37** | Lamp Control | 0 | 26–100 Lamp Off<br>101–179 Lamp On @ 1200W<br>180–255 Lamp On @ 1400W |

## Extended 41 CH

41 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Cyan | 0 | |
| **2** | Magenta | 0 | |
| **3** | Yellow | 0 | |
| **4** | C TO | 0 | |
| **5** | Color Wheel | 0 | 0–17 White (wheel slot 1)<br>18–35 Red (wheel slot 2)<br>36–53 Magenta (wheel slot 3)<br>54–71 Orange (wheel slot 4)<br>72–89 Green (wheel slot 5)<br>90–107 Blue (wheel slot 6)<br>108–109 open (wheel slot 7)<br>110–127 CRI (wheel slot 8)<br>128–255 Scroll (wheel slot 9) |
| **6** | Shutter1Strobe | 0 | 0–3 Close<br>4–103 Strobe<br>104–107 Open 1<br>108–207 Random strobe<br>208–212 Open 2<br>213–251 Random strobe 2<br>252–255 Open 3 |
| **7** | Dimmer | 0 | |
| **8** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **9** | Iris | 131 | 0–130 Close<br>131–131 Open<br>132–170 Min<br>171–171 Max<br>172–210 Min<br>211–211 Max<br>212–250 Min<br>251–251 Max<br>252–255 Open |

## Extended 41 CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Gobo | 0 | 0–7 Open (wheel slot 1)<br>8–15 Gobo 1 (wheel slot 2)<br>16–23 Gobo 2 (wheel slot 3)<br>24–31 Gobo 3 (wheel slot 4)<br>32–39 Gobo 4 (wheel slot 5)<br>40–47 Gobo 5 (wheel slot 6)<br>48–55 Gobo 6 (wheel slot 7)<br>56–63 Gobo 7 (wheel slot 8)<br>64–71 Gobo 8 (wheel slot 9)<br>72–113 Gobo1 Clock Rot<br>114–117 Gobo1 Stop Rot<br>118–159 Gobo1 ContClock Rot<br>160–171 GOD00F/009 (wheel slot 1)<br>172–183 GOD00F/007 (wheel slot 2)<br>184–195 GOD00F/006 (wheel slot 3)<br>196–207 GOD00F/005 (wheel slot 4)<br>208–219 GOD00F/004 (wheel slot 5)<br>220–231 GOD00F/003 (wheel slot 6)<br>232–243 GOD00F/002 (wheel slot 7)<br>244–255 GOD00F/001 (wheel slot 8) |
| **11** | Gobo 2 | 0 | 0–18 Open (wheel slot 1)<br>19–36 Gobo 1 (wheel slot 2)<br>37–55 Gobo 2 (wheel slot 3)<br>56–73 Gobo 3 (wheel slot 4)<br>74–92 Gobo 4 (wheel slot 5)<br>93–110 Gobo 5 (wheel slot 6)<br>111–129 Gobo 6 (wheel slot 7)<br>130–150 GOD00E-001 (wheel slot 2)<br>151–171 GOD00E-002 (wheel slot 3)<br>172–192 GOD00E-017 (wheel slot 4)<br>193–213 GOD00E-010 (wheel slot 5)<br>214–234 GOD00E-005 (wheel slot 6)<br>235–255 GOD00E-018 (wheel slot 7) |
| **12** | Gobo Rotation 2 | 0 | 0–127 Index<br>128–190 ClockWise Rotation<br>191–192 Stop Rotation<br>193–255 Counter ClockWise Rotation |
| **13** | Gobo Rotation 2 Fine | 0 | Fine byte of Gobo Rotation 2 |
| **14** | Prism | 0 | 0–127 Out<br>128–255 4 Facet Prism |
| **15** | Prism Rotation | 0 | 0–21 0 to 90<br>22–42 90 to 180<br>43–63 180 to 270<br>64–84 270 to 360<br>85–105 360 to 450<br>106–127 450 to 540<br>128–190 Counter Clockwise<br>191–192 Stop<br>193–255 ClockWise |
| **16** | Frost1 | 0 | |
| **17** | Blade1A | 0 | |
| **18** | Blade1B | 0 | |
| **19** | Blade2A | 0 | |
| **20** | Blade2B | 0 | |
| **21** | Blade3A | 0 | |
| **22** | Blade3B | 0 | |
| **23** | Blade4A | 0 | |

## Extended 41 CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Blade4B | 0 | |
| **25** | Blade1Rot | 0 | |
| **26** | Focus | 0 | |
| **27** | Focus Fine | 0 | Fine byte of Focus |
| **28** | Zoom | 127 | 0–254 Narrow<br>255–255 Wide |
| **29** | Focus1Distance | 0 | 0–6 AutoFocus Disable<br>7–254 AutoFocus 4M<br>255–255 AutoFocus 100M |
| **30** | Focus1Adjust | 0 | 0–127 Focus Fine<br>128–128 Stop<br>129–255 Focus Fins |
| **31** | Pan | 127 | |
| **32** | Pan Fine | 255 | Fine byte of Pan |
| **33** | Tilt | 127 | |
| **34** | Tilt Fine | 255 | Fine byte of Tilt |
| **35** | Function | 0 | 12–24 Fast Pan/Tilt Speed<br>25–37 Normal Pan/Tilt Speed<br>38–50 Conventional Dimmer Curve<br>51–113 Standard Dimmer Curve<br>114–126 Slow Blade Speed<br>127–139 Fast Blade Speed<br>140–152 Fast Gobo Change<br>153–203 Normal Gobo Change<br>204–255 Linear Dimmer Curve |
| **36** | Fixture Global Reset | 0 | 26–76 Zoom Reset<br>77–127 Pan/Tilt Reset<br>128–255 Complete Reset |
| **37** | Lamp Control | 0 | 26–100 Lamp Off<br>101–179 Lamp On @ 1200W<br>180–255 Lamp On @ 1400W |
| **38** | Pan Tilt Time | 0 | |
| **39** | Color Time | 0 | |
| **40** | Beam Time | 0 | |
| **41** | Gobo NPos Rotate Time | 0 | |