

| channel | function | type of control | effect | decimal | percentage |
|---------|---|-----------------|--|-----------|------------|
| 1 | X axis, base movement (pan) | proportional | control of the pan movement of the beam of light via proportional rotation of the base motor | 0 - 255 | 0% - 100% |
| 2 | X axis, fine base movement (pan) | proportional | fine control of the pan movement of the beam of light via proportional rotation of the base motor | 0 - 255 | 0% - 100% |
| 3 | Y axis, yoke movement (tilt) | proportional | control of the tilt movement of the beam of light via proportional rotation of the yoke motor | 0 - 255 | 0% - 100% |
| 4 | Y axis, fine yoke movement (tilt) | proportional | fine control of the tilt movement of the beam of light via proportional rotation of the yoke motor | 0 - 255 | 0% - 100% |
| 5 | movement speed | step | standard (fast) | 0 - 10 | 0% - 4% |
| | | step | ultra fast movement (ideal for positioning during programming) | 11 - 25 | 4% - 10% |
| | | proportional | vector mode (from fast to slow) | 26 - 127 | 10% - 50% |
| | | proportional | tracking mode (from fast to slow) | 128 - 247 | 50% - 97% |
| | | step | tracking mode (slow) | 248 - 255 | 97% - 100% |
| 6 | dimmer | proportional | adjust output intensity from 0 to 100% | 0 - 255 | 0% - 100% |
| 7 | shutter, strobe | step | shutter closed | 0 - 9 | 0% - 4% |
| | | proportional | variable speed strobing effect, from slow to fast | 10 - 66 | 4% - 26% |
| | | step | shutter open | 67 - 68 | 26% - 27% |
| | | proportional | sequenced pulse effect, slow closing, fast opening (variable speed pulsing, from slow to fast) | 69 - 125 | 27% - 49% |
| | | step | shutter open | 126 - 127 | 49% - 50% |
| | | proportional | sequenced pulse effect, fast closing, slow opening (variable speed pulsing, from fast to slow) | 128 - 184 | 50% - 72% |
| | | step | shutter open | 185 - 187 | 73% - 73% |
| | | proportional | random strobe effect with variable speed from slow to fast | 188 - 244 | 74% - 96% |
| step | shutter open | 245 - 255 | 96% - 100% | | |
| 8 | zoom | step | spot | 0 - 9 | 0% - 4% |
| | | proportional | from narrow beam (Spot) to wide beam (Flood) | 10 - 255 | 4% - 100% |
| 9 | PAR effect filter and 9° spot lens | step | no effect | 0 - 9 | 0% - 4% |
| | | proportional | oval beam (par effect) rotatable through 0° to 180° | 10 - 230 | 4% - 90% |
| | | step | 9° spot lens | 231 - 255 | 91% - 100% |

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| channel | function | type of control | effect | decimal | percentage |
|--|--|--|--|-----------|------------|
| 10 | colour wheel | step | no colour, white beam | 0 - 7 | 0% - 3% |
| | | step or proportional control selectable via channel 15 | colour 1 | 8 - 27 | 3% - 11% |
| | | | colour 2 | 28 - 47 | 11% - 18% |
| | | | colour 3 | 48 - 67 | 19% - 26% |
| | | | colour 4 | 68 - 87 | 27% - 34% |
| | | | colour 5 | 88 - 107 | 35% - 42% |
| | | | colour 6 | 108 - 127 | 42% - 50% |
| | | proportional | rainbow effect in a counterclockwise direction from fast to slow | 128 - 190 | 50% - 75% |
| step | no rotation | 191 - 192 | 75% - 75% | | |
| proportional | rainbow effect in a clockwise direction from slow to fast | 193 - 255 | 76% - 100% | | |
| 11 | cyan | step | white, no colour | 0 - 9 | 0% - 4% |
| | | proportional | proportional control of the cyan colour, from white to full cyan | 10 - 255 | 4% - 100% |
| 12 | magenta | step | white, no colour | 0 - 9 | 0% - 4% |
| | | proportional | proportional control of the magenta colour, from white to full magenta | 10 - 255 | 4% - 100% |
| 13 | yellow | step | white, no colour | 0 - 9 | 0% - 4% |
| | | proportional | proportional control of the yellow colour, from white to full yellow | 10 - 255 | 4% - 100% |
| 14 | CTB | step | white, no colour | 0 - 9 | 0% - 4% |
| | | proportional | proportional control of the colour temperature (CTB) from 0 to 100% | 10 - 255 | 4% - 100% |
| 15 | colour positioning mode (colour selection via channel 10) | step | colours are centred in the optical path | 0 - 125 | 0% - 49% |
| | | | colour are positioned proportionately in the optical path | 126 - 255 | 49% - 100% |
| 16 | motors reset + activate black-out synchronised with PAN/TILT movement and colour changing | step | park, no effect | 0 - 29 | 0% - 11% |
| | | | pan and tilt reset (only once) | 30 - 65 | 12% - 25% |
| | | | reset all motors except strobo, pan and tilt (only once) | 66 - 100 | 26% - 39% |
| | | | reset all motors except strobo (only once) | 101 - 135 | 40% - 53% |
| | | | reset all motors (only once) | 136 - 170 | 53% - 67% |
| | | | black-out of the beam light during PAN/TILT movement and colour changing | 171 - 249 | 67% - 98% |
| | | | park, no effect | 250 - 255 | 98% - 100% |
| Note 1: all the reset functions are delayed by 6 seconds to prevent accidental activation | | | | | |
| Projector: coemar í Wash HALO | | | Table name: DMX 512 functions | | |
| Table number: 267 | | Edition: 0 | Date: 12/10/2005 | | |