# BEAM 250 XT - DMX PROTOCOL 8 bit

| Channel | Value | Function | Type of control |
|---|---|---|---|
| **1** | | **Colour-wheel** | |
| | 0 | White/open | proportional |
| | 10 | Turquoise | proportional |
| | 21 | Red | proportional |
| | 32 | Cyan | proportional |
| | 42 | Light green | proportional |
| | 53 | Magenta | proportional |
| | 64 | Light blue | proportional |
| | 74 | Yellow | proportional |
| | 85 | Green | proportional |
| | 96 | Pink | proportional |
| | 106 | Blue | proportional |
| | 117 | Orange | proportional |
| | 128-255 | Rainbow effect from slow to fast | proportional |
| **2** | | **Effect-wheel** | |
| | 0-20 | Full open | step |
| | 21-42 | Colour temperature correction filter 3200 K | step |
| | 43-63 | Colour temperature correction filter 5600 K | step |
| | 64-84 | Magenta | step |
| | 85-106 | Cyan | step |
| | 107-127 | Yellow | step |
| | 128-148 | UV filter | step |
| | 149-170 | Gobo 1 | step |
| | 171-191 | Gobo 2 | step |
| | 192-212 | Beam reducer 1 | step |
| | 213-234 | Beam reducer 2 | step |
| | 235-255 | Beam reducer 3 | step |
| **3** | | **Shutter,strobe** | |
| | 0-127 | Open,From max.speed of fan to min. speed of fan | proportional |
| | 128-139 | Open,Switch On the lamp,Reset | step |
| | 140-148 | Closed | step |
| | 149 | Closed in reverse position | step |
| | 150-219 | Strobe-effect from slow to fast (max. 8 FPS) | proportional |
| | 220-229 | Open position | step |
| | 230-239 | Shutter is in half position of the beam,Lamp Off after 3 sec. | step |
| | 240-255 | Open position | step |
| **4** | | **Dimmer** | |
| | 0 | Closed,Light is full Off | step |
| | 1-126 | Smooth dimming from black to full open | proportional |
| | 127 | Full open-sharp beam | step |
| | 128-192 | Smooth dimming from full open to black | proportional |
| | 193-254 | Smooth dimming from black to full open (frost light) | proportional |
| | 255 | Full open-frost(wash) light | step |