

| channel | function | type of control | effect | decimal |
|---|---|-----------------|---|---------|
| 1 | Base (pan) coarse | proportional | coarse control of the base movement | 0-255 |
| 2 | Base (pan) fine | proportional | fine control of the base movement | 0-255 |
| 3 | Yoke (tilt) coarse | proportional | coarse control of the Yoke movement | 0-255 |
| 4 | Yoke (tilt) fine | proportional | fine control of the Yoke movement | 0-255 |
| 5 | dimmer | step | closed | 0-7 |
| | | proportional | from close to open | 8-255 |
| 6 | shutter | step | closed | 0-9 |
| | | proportional | strobe effect increasing flash rate | 10-127 |
| | | proportional | random strobe, increasing flash rate | 128-247 |
| | | step | open | 248-255 |
| 7 | Beam size | step | white clear | 0-9 |
| | | proportional | from spot to Flood | 10-255 |
| 8 | No function | | No function | 0-255 |
| 9 | color wheel | step | WHITE | 0-24 |
| | | step | color 1 | 25-49 |
| | | step | color 2 | 50-73 |
| | | step | color 3 | 74-99 |
| | | step | color 4 | 100-123 |
| | | step | color 5 | 124-151 |
| | | proportional | continuous color wheel rotation clockwise with proportional speed from min. to max. | 152-255 |
| NOTE: channel 9 function can be varied selecting color standard/special function on the back function display | | | | |
| 9 | color wheel | step | white clear | 0-9 |
| | | proportional | proportional 360° color wheel rotation . | 10- 151 |
| | | proportional | continuous color wheel rotation clockwise with proportional speed from min. to max. | 152-255 |
| 10 | cyan | step | white clear | 0-9 |
| | | proportional | proportional cyan control from white to cyan | 10-255 |
| 11 | magenta | step | white clear | 0-9 |
| | | proportional | proportional magenta control from white to magenta | 10-255 |
| 12 | Yellow | step | white clear | 0-9 |
| | | proportional | proportional yellow control from white to yellow | 10-255 |
| 13 | Lamp ON, motor Reset, pan/tilt speed control mode | step | lamp off | 0-10 |
| | | step | park, no function | 11-29 |
| | | step | pan/tilt reset (only once) | 30-65 |
| | | step | all motor reset except dimmer, pan, tilt (only once) | 66-100 |
| | | step | all motor reset except dimmer (only once) | 101-135 |
| | | step | all motor reset (only once) | 136-170 |
| | | step | pan/tilt soft movement | 171-240 |
| | | step | pan/tilt standard movement | 241-249 |
| | | step | lamp on (pan/tilt standard movement) | 250-255 |
| Display panel can modify function channel (inhibit lamp off) | | | | |
| note 1: function channel has a delay time of 6 second to prevent accidental activation. | | | | |
| note 3 :on/off lamp mode is not affected unless an opposite value is received | | | | |
| Fixture type: coemar CF 7 wash zoom X | | | Chart name: DMX 512 | |
| Chart number: 208 | | Release: 1 | Date: 12/11/2001 | |