

CHANNEL FUNCTION

ALPHA WASH 1500

| CHANNEL | CHANNEL MODE | |
|---------|--|--|
| | STANDARD | VECTOR |
| 1 | CYAN | CYAN |
| 2 | MAGENTA | MAGENTA |
| 3 | YELLOW | YELLOW |
| 4 | C.T.O | C.T.O |
| 5 | COLOUR WHEEL 1 | COLOUR WHEEL 1 |
| 6 | COLOUR WHEEL 2 | COLOUR WHEEL 2 |
| 7 | MACRO COLOURS | MACRO COLOURS |
| 8 | STOP / STROBE | STOP / STROBE |
| 9 | DIMMER | DIMMER |
| 10 | DIMMER FINE | DIMMER FINE |
| 11 | BEAM SHAPER CHANGE | BEAM SHAPER CHANGE |
| 12 | BEAM SHAPER ROTATION | BEAM SHAPER ROTATION |
| 13 | ZOOM | ZOOM |
| 14 | PAN | PAN |
| 15 | PAN FINE | PAN FINE |
| 16 | TILT | TILT |
| 17 | TILT FINE | TILT FINE |
| 18 | FUNCTION | FUNCTION |
| 19 | RESET | RESET |
| 20 | LAMP CONTROL (with Option "Lamp DMX" ON) | LAMP CONTROL (with Option "Lamp DMX" ON) |
| 21 | | PAN - TILT TIME |
| 22 | | COLOUR TIME |
| 23 | | BEAM TIME |

NOTE: On conclusion of resetting in case of absence of DMX signal, Pan & Tilt move to the "Home" position (Pan 50% - Tilt 50%) all the others channels stay at 0%.

• COLOUR MIXING - channel 1 - 2 - 3

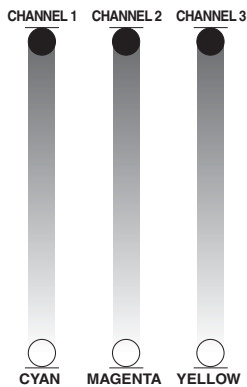
Operation with option color mixing: RGB



| BIT | % | EFFECT |
|-----|-----|-----------------|
| 255 | 100 | COLOUR EXCLUDED |
| 0 | 0.0 | COLOUR INSERTED |

IMPORTANT: The lamp dim to half power 1 second after all the 3 channels stay at 0% level. The lamp goes back to full power when the channels level is put higher than 0%.

Operation with option color mixing: CMY



| BIT | % | EFFECT |
|-----|-----|-----------------|
| 255 | 100 | COLOUR INSERTED |
| 0 | 0.0 | COLOUR EXCLUDED |

IMPORTANT: The lamp dim to half power 1 second after all the 3 channels stay at 100% level. The lamp goes back to full power when the channels level is put lower than 100%.

• C.T.O. - channel 4



| BIT | % | EFFECT |
|-----|-----|-----------------|
| 255 | 100 | FILTER INSERTED |
| 0 | 0.0 | FILTER EXCLUDED |

• COLOUR WHEEL 1 - channel 5



| BIT | % | EFFECT |
|-----|------|-----------------------|
| 255 | 100 | FAST ROTATION 160 rpm |
| 128 | 50.0 | SLOW ROTATION 0.2rpm |
| 117 | 46.0 | RED |
| 97 | 38.0 | UV FILTER |
| 77 | 30.0 | FULL GREEN |
| 58 | 23.0 | AQUAMARINE |
| 39 | 15.0 | ORANGE |
| 20 | 8.0 | BLUE |
| 0 | 0.0 | WHITE |

• COLOUR WHEEL 2 - channel 6



| BIT | % | EFFECT |
|-----|------|-----------------------|
| 255 | 100 | FAST ROTATION 160 rpm |
| 128 | 50.0 | SLOW ROTATION 0.2rpm |
| 117 | 46.0 | GREEN |
| 97 | 38.0 | PINK |
| 77 | 30.0 | CTB 8000 |
| 58 | 23.0 | LIGHT GREEN |
| 39 | 15.0 | LAVENDER |
| 20 | 8.0 | CTO 3200 |
| 0 | 0.0 | WHITE |

• MACRO COLOURS - channel 7

| COLOR NAME | BIT | % | ROSCO CODE | LEE CODE | CYAN BIT | MAGENTA BIT | YELLOW BIT | CTO BIT | WHEEL 1 BIT | WHEEL 2 BIT |
|---|---------|-----------|------------|----------|----------|-------------|------------|---------|-------------|-------------|
| Unused Range | 186-255 | 73.0-100 | - | - | - | - | - | - | - | - |
| CP Marine | 184-185 | 72.0-72.5 | N/A | N/A | 255 | 83 | 0 | 0 | 0 | 117 |
| CP Brown 2 | 182-183 | 71.2-71.7 | N/A | N/A | 0 | 121 | 0 | 255 | 39 | 117 |
| CP Brown 1 | 180-181 | 70.5-71.0 | N/A | N/A | 0 | 103 | 0 | 0 | 39 | 117 |
| CP Light green 2 | 178-179 | 69.7-70.0 | N/A | N/A | 0 | 0 | 0 | 0 | 0 | 117 |
| CP Light green 1 | 176-177 | 69.0-69.5 | N/A | N/A | 0 | 0 | 0 | 0 | 0 | 58 |
| CP Red 3 | 174-175 | 68.2-68.7 | N/A | N/A | 0 | 255 | 255 | 255 | 0 | 117 |
| CP Red 2 | 172-173 | 67.5-68.0 | N/A | N/A | 0 | 255 | 0 | 0 | 117 | 0 |
| CP Red 1 | 170-171 | 66.7-67.0 | N/A | N/A | 0 | 255 | 255 | 255 | 0 | 39 |
| CP Deep magenta | 168-169 | 66.0-66.2 | N/A | N/A | 0 | 255 | 0 | 255 | 0 | 39 |
| CP Pink | 166-167 | 65.0-65.5 | N/A | N/A | 0 | 0 | 0 | 255 | 0 | 39 |
| CP Ice | 164-165 | 64.2-64.7 | N/A | N/A | 0 | 0 | 0 | 0 | 58 | 20 |
| CP Electric blue | 162-163 | 63.7-64.0 | N/A | N/A | 255 | 0 | 0 | 0 | 58 | 39 |
| CP Lavender | 160-161 | 63.0-63.2 | N/A | N/A | 0 | 0 | 0 | 0 | 58 | 39 |
| CP Green | 158-159 | 62.0-62.5 | N/A | N/A | 255 | 0 | 0 | 0 | 0 | 117 |
| CP Gold 2 | 156-157 | 61.2-61.7 | N/A | N/A | 0 | 71 | 255 | 255 | 0 | 20 |
| CP Gold 1 | 154-155 | 60.5-61.0 | N/A | N/A | 0 | 0 | 0 | 255 | 0 | 20 |
| CP Gold | 152-153 | 59.5-60.0 | N/A | N/A | 0 | 0 | 0 | 255 | 0 | 0 |
| Magenta | 150-151 | 58.7-59.0 | 113 | 113 | 0 | 255 | 125 | 255 | 0 | 41 |
| Light Lavender | 148-149 | 58.0-58.2 | 52 | 52 | 60 | 84 | 0 | 87 | 0 | 0 |
| Half CT straw | 146-147 | 57.0-57.5 | 442 | 442 | 0 | 0 | 132 | 110 | 0 | 0 |
| Lighter blue | 144-145 | 56.2-56.7 | 353 | 353 | 136 | 0 | 134 | 80 | 0 | 0 |
| Glacier blue | 142-143 | 55.5-56.0 | 352 | 352 | 144 | 0 | 121 | 80 | 0 | 0 |
| Fuschia pink | 140-141 | 54.7-55.0 | 345 | 345 | 80 | 122 | 0 | 118 | 0 | 0 |
| Mallard green | 138-139 | 54.0-54.2 | 325 | 325 | 255 | 0 | 0 | 0 | 81 | 0 |
| Jade | 136-137 | 53.2-53.7 | 323 | 323 | 87 | 0 | 134 | 0 | 61 | 0 |
| 3/4 CT Orange | 134-135 | 52.5-53.0 | 285 | 285 | 0 | 0 | 128 | 126 | 0 | 0 |
| 3/4 CTB | 132-133 | 51.7-52.0 | 281 | 281 | 81 | 0 | 87 | 83 | 0 | 0 |
| Half minus green | 130-131 | 51.0-51.2 | 248 | 248 | 0 | 55 | 0 | 133 | 0 | 0 |
| Minus green | 128-129 | 50.0-50.5 | 247 | 247 | 0 | 77 | 0 | 133 | 0 | 0 |
| 1/4 CTO | 126-127 | 49.5-49.7 | 206 | 206 | 0 | 48 | 116 | 98 | 0 | 0 |
| 1/2 CTO | 124-125 | 48.7-49.0 | 205 | 205 | 0 | 0 | 99 | 103 | 0 | 0 |
| Full CT Orange | 122-123 | 48.0-48.2 | 204 | 204 | 0 | 58 | 131 | 158 | 0 | 0 |
| 1/4 CTB | 120-121 | 47.0-47.5 | 203 | 203 | 22 | 42 | 104 | 84 | 0 | 0 |
| 1/2 CTB | 118-119 | 46.2-46.7 | 202 | 202 | 81 | 29 | 95 | 89 | 0 | 0 |
| Full CTB | 116-117 | 45.5-46.0 | 201 | 201 | 89 | 22 | 61 | 72 | 0 | 0 |
| Alice Blue | 114-115 | 44.7-45.0 | 197 | 197 | 128 | 79 | 0 | 74 | 0 | 0 |
| Congo Blue | 112-113 | 44.0-44.2 | 181 | 181 | 255 | 255 | 0 | 163 | 0 | 0 |
| Dark Lavender | 110-111 | 43.2-43.7 | 180 | 180 | 125 | 128 | 0 | 88 | 0 | 0 |
| Chrome Orange | 108-109 | 42.5-43.0 | 179 | 179 | 0 | 69 | 255 | 255 | 0 | 0 |
| Lagoon blue | 106-107 | 41.7-42.0 | 172 | 172 | 132 | 0 | 112 | 0 | 58 | 0 |
| Deep Lavender | 104-105 | 41.0-41.2 | 170 | 170 | 85 | 101 | 0 | 118 | 0 | 0 |
| Lilac tint | 102-103 | 40.0-40.5 | 169 | 169 | 49 | 51 | 74 | 107 | 0 | 0 |
| Daylight Blue | 100-101 | 39.0-39.5 | 165 | 165 | 139 | 0 | 101 | 102 | 0 | 0 |
| Flame red | 98-99 | 38.2-38.7 | 164 | 164 | 0 | 255 | 255 | 255 | 0 | 0 |
| Bastard amber | 96-97 | 37.5-38.0 | 162 | 162 | 0 | 22 | 102 | 137 | 0 | 0 |
| Deep Orange | 94-95 | 36.7-37.0 | 158 | 158 | 0 | 104 | 255 | 255 | 0 | 0 |
| Pink | 92-93 | 36.0-36.2 | 157 | 157 | 0 | 113 | 1 | 224 | 0 | 0 |
| Pale rose | 90-91 | 35.0-35.5 | 154 | 154 | 0 | 32 | 54 | 129 | 0 | 0 |
| Pale Gold | 88-89 | 34.2-34.7 | 152 | 152 | 0 | 0 | 102 | 128 | 0 | 0 |
| Bright rose | 86-87 | 33.7-34.0 | 148 | 148 | 0 | 255 | 1 | 255 | 0 | 0 |
| Apricot | 84-85 | 33.0-33.2 | 147 | 147 | 0 | 71 | 67 | 255 | 0 | 0 |
| Bright Blue | 82-83 | 32.0-32.5 | 141 | 141 | 199 | 0 | 130 | 76 | 0 | 0 |
| Primary green | 80-81 | 31.2-31.7 | 139 | 139 | 0 | 0 | 255 | 71 | 77 | 0 |
| Light green | 78-79 | 30.5-31.0 | 121 | 121 | 0 | 0 | 255 | 0 | 58 | 0 |
| Pale green | 76-77 | 29.7-30.0 | 138 | 138 | 77 | 0 | 154 | 52 | 0 | 0 |
| Special Lavender | 74-75 | 29.0-29.5 | 137 | 137 | 95 | 83 | 33 | 110 | 0 | 0 |
| Pale lavender | 72-73 | 28.2-28.7 | 136 | 136 | 73 | 80 | 0 | 117 | 0 | 0 |
| Deep golden amber | 70-71 | 27.5-28.0 | 135 | 135 | 0 | 159 | 255 | 255 | 0 | 0 |
| Golden amber | 68-69 | 26.7-27.0 | 134 | 134 | 0 | 92 | 136 | 255 | 0 | 0 |
| Medium blue | 66-67 | 26.0-26.2 | 132 | 132 | 255 | 100 | 0 | 87 | 0 | 57 |
| Marine blue | 64-65 | 25.0-25.5 | 131 | 131 | 0 | 0 | 112 | 0 | 58 | 0 |
| Bright pink | 62-63 | 24.2-24.7 | 128 | 128 | 0 | 255 | 0 | 169 | 0 | 0 |
| Maize | 60-61 | 23.7-24.0 | 126 | 126 | 119 | 255 | 0 | 255 | 0 | 0 |
| Fern Green | 58-59 | 23.0-23.2 | 122 | 122 | 0 | 0 | 0 | 87 | 0 | 116 |
| Leaf green | 56-57 | 22.0-22.5 | 121 | 121 | 111 | 0 | 205 | 0 | 0 | 0 |
| Deep Blue | 54-55 | 21.2-21.7 | 120 | 120 | 255 | 0 | 0 | 114 | 0 | 40 |
| Dark blue | 52-53 | 20.5-21.0 | 119 | 119 | 255 | 113 | 0 | 113 | 0 | 0 |
| Light blue | 50-51 | 19.5-20.0 | 118 | 118 | 168 | 0 | 129 | 80 | 0 | 0 |
| Steel blue | 48-49 | 18.7-19.0 | 117 | 117 | 117 | 0 | 128 | 110 | 0 | 0 |
| Medium blue green | 46-47 | 18.0-18.2 | 116 | 116 | 132 | 0 | 131 | 0 | 58 | 0 |
| Peacock blue | 44-45 | 17.0-17.5 | 115 | 115 | 77 | 0 | 110 | 0 | 77 | 0 |
| Dark pink | 42-43 | 16.2-16.7 | 111 | 111 | 0 | 108 | 1 | 164 | 0 | 0 |
| Light Salmon | 40-41 | 15.5-16.0 | 109 | 109 | 0 | 95 | 83 | 152 | 0 | 0 |
| English rose | 38-39 | 14.7-15.0 | 108 | 108 | 0 | 59 | 54 | 170 | 0 | 0 |
| Light rose | 36-37 | 14.0-14.2 | 107 | 107 | 0 | 85 | 29 | 170 | 0 | 0 |
| Primary red | 34-35 | 13.2-13.7 | 106 | 182 | 0 | 0 | 0 | 0 | 117 | 0 |
| Orange | 32-33 | 12.5-13.0 | 105 | 105 | 0 | 104 | 210 | 255 | 0 | 0 |
| Deep amber | 30-31 | 11.7-12.0 | 104 | 104 | 0 | 0 | 179 | 155 | 0 | 0 |
| Straw | 28-29 | 11.0-11.2 | 103 | 103 | 0 | 0 | 121 | 107 | 0 | 0 |
| Light amber | 26-27 | 10.0-10.5 | 102 | 102 | 0 | 0 | 170 | 132 | 0 | 0 |
| Yellow | 24-25 | 9.5-9.7 | 101 | 101 | 0 | 0 | 255 | 106 | 0 | 0 |
| Spring yellow | 22-23 | 8.7-9.0 | 100 | 100 | 0 | 0 | 188 | 83 | 0 | 0 |
| Dark Yellow Green | 20-21 | 8.0-8.2 | 90 | 90 | 182 | 0 | 255 | 67 | 0 | 0 |
| Lime green | 18-19 | 7.0-7.5 | 88 | 88 | 90 | 0 | 196 | 74 | 0 | 0 |
| Just Blue | 16-17 | 6.2-6.7 | 79 | 79 | 255 | 86 | 0 | 100 | 0 | 0 |
| Tokyo Blue | 14-15 | 5.5-6.0 | 71 | 71 | 255 | 170 | 0 | 109 | 57 | 0 |
| Sky blue | 12-13 | 4.7-5.0 | 068 | 068 | 237 | 55 | 92 | 105 | 0 | 0 |
| Pale blue | 10-11 | 4.0-4.2 | 063 | 063 | 97 | 0 | 115 | 102 | 0 | 0 |
| Lavender | 8-9 | 3.2-3.7 | 058 | 058 | 132 | 130 | 0 | 123 | 0 | 0 |
| Bright Red | 6-7 | 2.5-3.0 | 026 | 026 | 0 | 255 | 0 | 255 | 37 | 0 |
| Mad Yellow | 4-5 | 1.7-2.0 | 010 | 010 | 0 | 0 | 212 | 80 | 0 | 0 |
| Mad bastard amber | 2-3 | 1.0-1.2 | 004 | 004 | 0 | 0 | 115 | 89 | 0 | 0 |
| Random Macro Color (only for Macro effects) | 1 | 0.5 | - | - | - | - | - | - | - | - |
| Unused Range | 0 | 0.0 | - | - | - | - | - | - | - | - |

• STOP / STROBE - channel 8



| BIT | % | EFFECT |
|-----------|-------------|----------------------------|
| 252 - 255 | 98.7 - 100 | OPEN |
| 239 - 251 | 93.7 - 98.2 | RANDOM FAST STROBE |
| 226 - 238 | 88.7 - 93.2 | RANDOM MEDIUM STROBE |
| 213 - 225 | 83.7 - 88.2 | RANDOM SLOW STROBE |
| 208 - 212 | 81.7 - 83.2 | OPEN |
| 207 | 81.2 | FAST PULSATION |
| 108 | 42.5 | SLOW PULSATION |
| 104 - 107 | 41.0 - 42.0 | OPEN |
| 103 | 40.5 | FAST STROBE (12 flash/sec) |
| 4 | 1.7 | SLOW STROBE (1 flash/sec) |
| 0 - 3 | 0.0 - 1.2 | CLOSED |

IMPORTANT: The lamp dim to half power 1 second after the channel stay at 0% level. The lamp goes back to full power when the channel level is put higher than 0%.

• DIMMER - channel 9



| BIT | % | EFFECT |
|-----|-----|--------|
| 255 | 100 | |
| 0 | 0.0 | |

The lamp is linearly dimmed from full power to half power electronically and mechanically from half power to off.

• DIMMER FINE - channel 10



| BIT | % | EFFECT |
|-----|-----|--------|
| 255 | 100 | |
| 0 | 0.0 | |

• BEAM SHAPER CHANGE - channel 11



| BIT | % | EFFECT |
|---------|------------|---------------|
| 192-255 | 75.0-100 | BEAM SHAPER 3 |
| 128-191 | 50.0-74.7 | BEAM SHAPER 2 |
| 64-127 | 25.0-49.7 | BEAM SHAPER 1 |
| 0 - 63 | 0.0 - 24.7 | WHITE |

• BEAM SHAPER ROTATION - channel 12



| BIT | % | EFFECT |
|-----------|-------------|-------------------------|
| 255 | 100 | FAST ROTATION (120 rpm) |
| 193 | 75.5 | SLOW ROTATION (3 rph) |
| 191 - 192 | 74.7 - 75.0 | STOP |
| 190 | 74.2 | SLOW ROTATION (3 rph) |
| 128 | 50.0 | FAST ROTATION (120 rpm) |
| 127 | 49.7 | POSITION 540° |
| 105 | 41.7 | POSITION 450° |
| 84 | 33.0 | POSITION 360° |
| 63 | 24.7 | POSITION 270° |
| 42 | 16.2 | POSITION 180° |
| 21 | 8.2 | POSITION 90° |
| 0 | 0.0 | POSITION 0° |

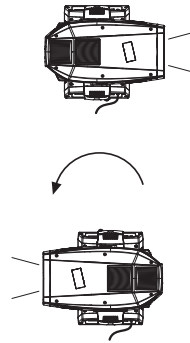
• ZOOM - channel 13



| BIT | % | EFFECT |
|-----|-----|-------------|
| 255 | 100 | WIDE BEAM |
| 0 | 0.0 | NARROW BEAM |

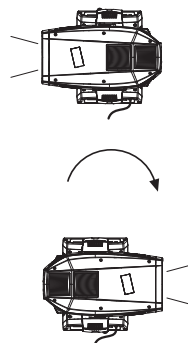
• PAN - channel 14

Operation with option *InvertPan* \diamond Off
(Tilt conventionally represented at 14% and option *Invert Tilt* \diamond Off)



| BIT | % |
|-----|-----|
| 255 | 100 |
| 0 | 0.0 |

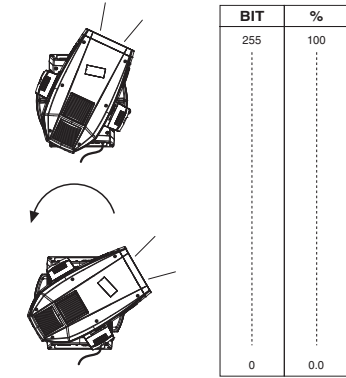
Operation with option *InvertPan* \diamond On
(Tilt conventionally represented at 14% and option *Invert Tilt* \diamond Off)



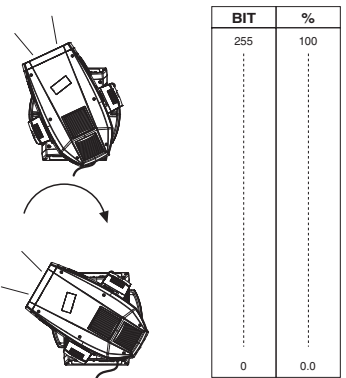
| BIT | % |
|-----|-----|
| 255 | 100 |
| 0 | 0.0 |

• PAN FINE - channel 15

Operation with option InvertPan \diamond Off
 (Tilt conventionally represented at 14% and option Invert Tilt \diamond Off)

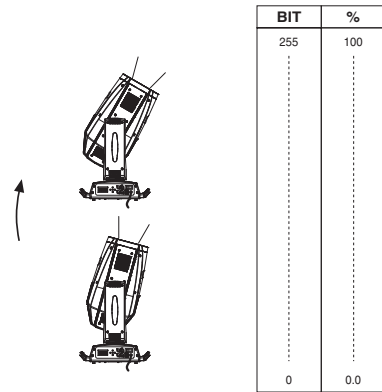


Operation with option InvertPan \diamond On
 (Tilt conventionally represented at 14% and option Invert Tilt \diamond Off)

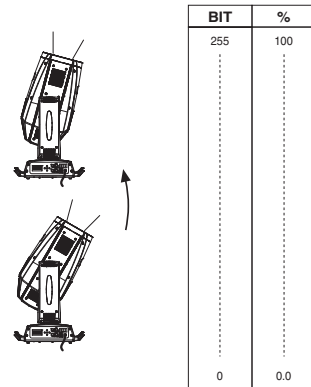


• TILT FINE - channel 17

Operation with option Invert Tilt \diamond Off
 (Pan conventionally represented at 0% and option Invert Pan \diamond Off)

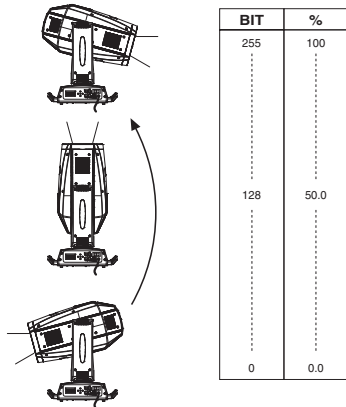


Operation with option Invert Tilt \diamond On
 (Pan conventionally represented at 0% and option Invert Pan \diamond Off)

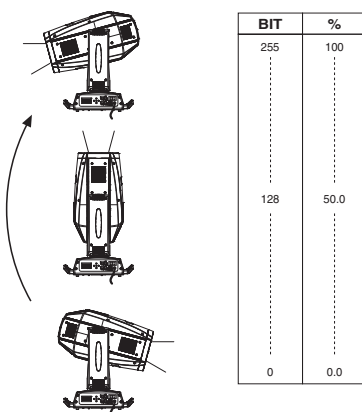


• TILT - channel 16

Operation with option Invert Tilt \diamond Off
 (Pan conventionally represented at 0% and option Invert Pan \diamond Off)



Operation with option Invert Tilt \diamond On
 (Pan conventionally represented at 0% and option Invert Pan \diamond Off)



• FUNCTION - channel: 18

| BIT | % | EFFECT | |
|-------|-----------|----------------|------------------|
| 255 | 100 | UNUSED RANGE | |
| | | | |
| 63 | 24.7 | | |
| 51-62 | 20.0-24.2 | | LINEAR (Default) |
| 38-50 | 14.7-19.5 | | CONVENTIONAL |
| 25-37 | 9.7-14.2 | NORMAL | |
| 12-24 | 4.7-9.5 | FAST (Default) | |
| 0-11 | 0.0-4.2 | UNUSED RANGE | |

The functions are activated passing through unused range and staying 5 seconds in necessary level.

• RESET - channel: 19

| BIT | % | EFFECT |
|-------|-------|--|
| 255 | 100 | COMPLETE RESET |
| ..... | ..... | Complete reset is activated passing through the unused range and staying 5 seconds in complete reset levels. |
| 128 | 50.0 | COMPLETE RESET |
| 127 | 49.7 | PAN / TILT RESET |
| ..... | ..... | Pan / Tilt reset is activated passing through the unused range and staying 5 seconds in Pan / Tilt reset levels. |
| 77 | 30.0 | PAN / TILT RESET |
| 76 | 29.7 | EFFECTS RESET |
| ..... | ..... | Effects reset is activated passing through the unused range and staying 5 seconds in Effects reset levels. |
| 26 | 10.0 | EFFECTS RESET |
| 25 | 9.7 | EFFECTS RESET |
| | | |
| 0 | 0.0 | UNUSED RANGE |

• LAMP CONTROL (only with option LAMP DMX On) - channel: 20

IMPORTANT: Alpha Wash 1500 is not provided with hot restrike igniter



| BIT | % | EFFECT |
|-------|-------|---|
| 255 | 100 | LAMP ON (FULL POWER) |
| ..... | ..... | Lamp ignition after 5 s in full power levels. Immediate transition from half to full power. |
| 180 | 70.5 | LAMP ON (FULL POWER) |
| 179 | 70.0 | LAMP ON (HALF POWER) |
| ..... | ..... | Immediate transition from full to half power. Lamp ignition not allowed in half power. |
| 101 | 39.5 | LAMP ON (HALF POWER) |
| 100 | 39.0 | LAMP OFF |
| ..... | ..... | Lamp switch off passing through the unused range and staying 5 s in Lamp OFF levels. |
| 26 | 10.0 | LAMP OFF |
| 25 | 9.7 | |
| 0 | 0.0 | UNUSED RANGE |

TIMING CHANNELS

| | Timing Channel | Channel function |
|----|-----------------|-------------------------------------|
| 21 | Pan - Tilt time | Pan – Tilt – (Pan Fine – Tilt Fine) |
| 22 | Colour time | CMY – C.T.O. – Color wheel |
| 23 | Beam time | Dimmer – Zoom |

TIME TABLE

| BIT | Seconds | BIT | Seconds | BIT | Seconds | BIT | Seconds | BIT | Seconds | BIT | Seconds |
|-----|---------|-----|---------|-----|---------|-----|--------------------|-----|---------|-----|---------|
| 0 | Full | 43 | 8.6 | 86 | 24 | 129 | 41 | 172 | 58 | 216 | 170 |
| 1 | 0.2 | 44 | 8.8 | 87 | | 130 | | 173 | | 217 | |
| 2 | 0.4 | 45 | 9 | 88 | 131 | 174 | | 218 | | | |
| 3 | 0.6 | 46 | 9.2 | 89 | 132 | 175 | 219 | 180 | | | |
| 4 | 0.8 | 47 | 9.4 | 90 | 133 | 176 | 220 | 190 | | | |
| 5 | 1 | 48 | 9.6 | 91 | 134 | 177 | 221 | | | | |
| 6 | 1.2 | 49 | 9.8 | 92 | 135 | 178 | 222 | | | | |
| 7 | 1.4 | 50 | 10 | 93 | 136 | 179 | 223 | 200 | | | |
| 8 | 1.6 | 51 | 10.2 | 94 | 137 | 180 | 224 | | | | |
| 9 | 1.8 | 52 | 10.4 | 95 | 138 | 181 | 225 | | | | |
| 10 | 2 | 53 | 10.6 | 96 | 139 | 182 | 226 | 210 | | | |
| 11 | 2.2 | 54 | 11 | 97 | 140 | 183 | 227 | | | | |
| 12 | 2.4 | 55 | | 98 | 141 | 184 | 228 | | | | |
| 13 | 2.6 | 56 | 12 | 99 | 142 | 185 | 229 | | | | |
| 14 | 2.8 | 57 | | 100 | 143 | 186 | 230 | 220 | | | |
| 15 | 3 | 58 | 13 | 101 | 144 | 187 | 231 | 230 | | | |
| 16 | 3.2 | 59 | | 102 | 145 | 188 | 232 | | | | |
| 17 | 3.4 | 60 | 14 | 103 | 146 | 189 | 233 | | | | |
| 18 | 3.6 | 61 | | 104 | 147 | 190 | 234 | 240 | | | |
| 19 | 3.8 | 62 | 15 | 105 | 148 | 191 | 235 | | | | |
| 20 | 4 | 63 | | 106 | 149 | 192 | 236 | 250 | | | |
| 21 | 4.2 | 64 | 16 | 107 | 150 | 193 | 237 | | | | |
| 22 | 4.4 | 65 | | 108 | 151 | 194 | 238 | | | | |
| 23 | 4.6 | 66 | 17 | 109 | 152 | 195 | 239 | 260 | | | |
| 24 | 4.8 | 67 | | 110 | 153 | 196 | 240 | | | | |
| 25 | 5 | 68 | 18 | 111 | 154 | 197 | 241 | | | | |
| 26 | 5.2 | 69 | | 112 | 155 | 198 | 242 | 270 | | | |
| 27 | 5.4 | 70 | 19 | 113 | 156 | 199 | 243 | | | | |
| 28 | 5.6 | 71 | | 114 | 157 | 200 | 244 | 280 | | | |
| 29 | 5.8 | 72 | 20 | 115 | 158 | 201 | 245 | | | | |
| 30 | 6 | 73 | | 116 | 159 | 202 | 246 | | | | |
| 31 | 6.2 | 74 | 21 | 117 | 160 | 203 | 247 | | | | |
| 32 | 6.4 | 75 | | 118 | 161 | 204 | 248 | 290 | | | |
| 33 | 6.6 | 76 | 22 | 119 | 162 | 205 | 249 | | | | |
| 34 | 6.8 | 77 | | 120 | 163 | 206 | 250 | 300 | | | |
| 35 | 7 | 78 | 23 | 121 | 164 | 207 | 251 | | | | |
| 36 | 7.2 | 79 | | 122 | 165 | 208 | 252 | 310 | | | |
| 37 | 7.4 | 80 | 24 | 123 | 166 | 209 | 253 | | | | |
| 38 | 7.6 | 81 | | 124 | 167 | 210 | 254 | | | | |
| 39 | 7.8 | 82 | 25 | 125 | 168 | 211 | Follow cue Data | | | | |
| 40 | 8 | 83 | | 126 | 169 | 212 | | | | | |
| 41 | 8.2 | 84 | 40 | 127 | 170 | 213 | | | | | |
| 42 | 8.4 | 85 | | 128 | 171 | 214 | 215 | | | | |