

13 - DMX CHARTS

| RDM Personality ID List | | |
|-------------------------|----------|---------------|
| ID | Mode | DMX Footprint |
| 1 | STANDARD | 29 |

| RDM Model ID |
|--------------|
| 0xA024 |

PAN/TILT VALUES

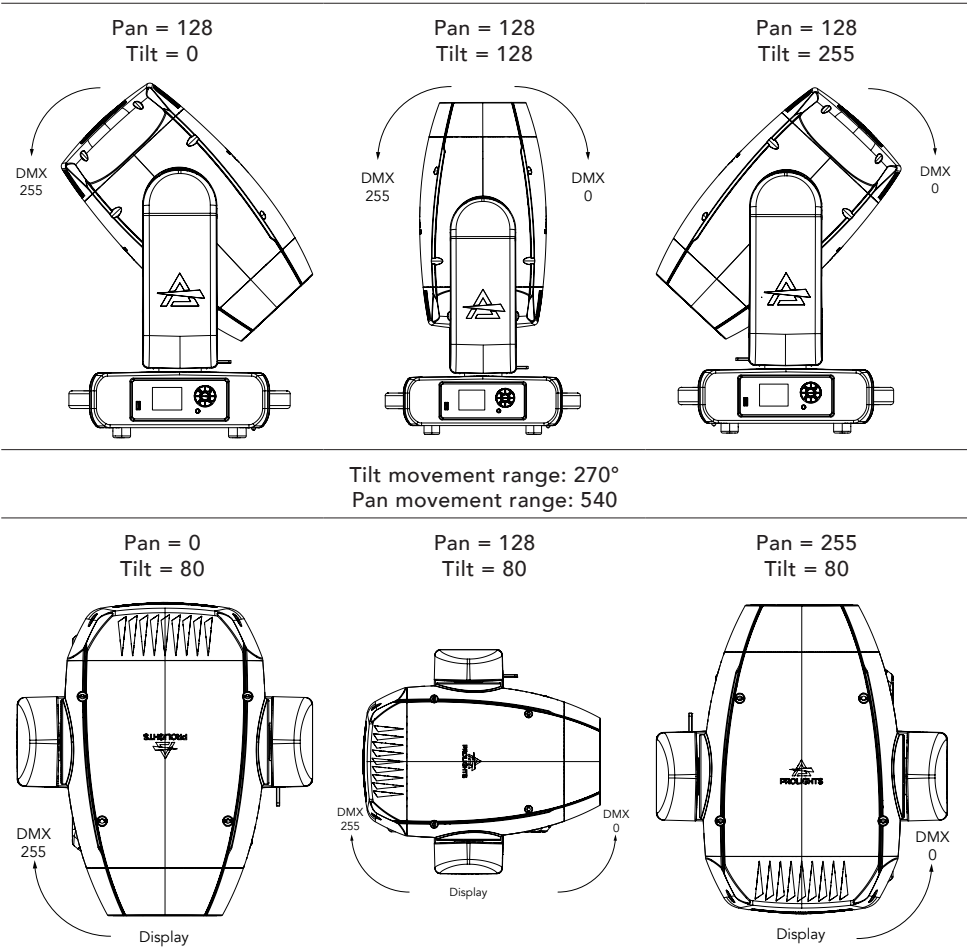


Fig. 09

| DMX Chart Summary | |
|-------------------|---------------------|
| Channel | STANDARD |
| 1 | Pan |
| 2 | Pan fine |
| 3 | Tilt |
| 4 | Tilt fine |
| 5 | Dimmer |
| 6 | Dimmer Fine |
| 7 | Shutter |
| 8 | Cyan |
| 9 | Magenta |
| 10 | Yellow |
| 11 | Color Wheel 1 |
| 12 | Color Wheel 2 |
| 13 | Color Wheel 3 |
| 14 | Rot Gobo |
| 15 | Gobo Rot |
| 16 | Gobo Rot Fine |
| 17 | Fixed Gobo |
| 18 | Prism 1 |
| 19 | Prism 1 Rotation |
| 20 | Prism 2 |
| 21 | Prism 2 Rotation |
| 22 | Frost |
| 23 | Zoom |
| 24 | Zoom Fine |
| 25 | Focus |
| 26 | Focus Fine |
| 27 | Animation Insertion |
| 28 | Animation Rotation |
| 29 | Control |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|------------------|-----------------------------|------------|------------|---------|
| 1 | Pan | Lineary from 0% to 100% | 0 | 255 | 128 |
| 2 | Pan fine | Lineary from 0% to 100% | 0 | 255 | 128 |
| 3 | Tilt | Lineary from 0% to 100% | 0 | 255 | 128 |
| 4 | Tilt fine | Lineary from 0% to 100% | 0 | 255 | 128 |
| 5 | Dimmer | Lineary from close to open | 0 | 255 | 000 |
| 6 | Dimmer Fine | Lineary from close to open | 0 | 255 | 000 |
| 7 | Shutter | Close | 0 | 1 | 255 |
| | | Strobe from slow to fast | 2 | 62 | |
| | | Open | 63 | 64 | |
| | | Pulse in from slow to fast | 65 | 125 | |
| | | Open | 126 | 127 | |
| | | Pulse out from slow to fast | 128 | 188 | |
| | | Open | 189 | 190 | |
| | | Randon from slow to fast | 191 | 251 | |
| | | Open | 252 | 255 | |
| 8 | Cyan | Lineary from 0% to 100% | 0 | 255 | 000 |
| 9 | Magenta | Lineary from 0% to 100% | 0 | 255 | 000 |
| 10 | Yellow | Lineary from 0% to 100% | 0 | 255 | 000 |
| 11 | Color Wheel 1 | Indexed | | | 000 |
| | | Open | 0 | 18 | |
| | | Open + HIGH CRI >90 | 19 | 37 | |
| | | HIGH CRI >90 | 38 | 56 | |
| | | HIGH CRI >90 + CTO 3200K | 57 | 75 | |
| | | CTO 3200K | 76 | 94 | |
| | | CTO 3200K + CTO 2400K | 95 | 113 | |
| | | CTO 2400K | 114 | 132 | |
| | | CTO 2400K + CYAN | 133 | 151 | |
| | | CYAN | 152 | 170 | |
| | | Forward Spin | | | |
| | | From fast to slow | 171 | 211 | |
| | | Stop | | | |
| | | Stop | 212 | 214 | |
| | | Reverse Spin | | | |
| | | From slow to fast | 215 | 255 | |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|------------------|-----------------------|------------|------------|---------|
| 12 | Color Wheel 2 | Indexed | | | 000 |
| | | Open | 0 | 18 | |
| | | Open + LAVANDER | 19 | 37 | |
| | | LAVANDER | 38 | 56 | |
| | | LAVANDER + DARK BLUE | 57 | 75 | |
| | | DARK BLUE | 76 | 94 | |
| | | DARK BLUE + DARK RED | 95 | 113 | |
| | | DARK RED | 114 | 132 | |
| | | DARK RED + MAGENTA | 133 | 151 | |
| | | MAGENTA | 152 | 170 | |
| | | Forward Spin | | | |
| | | From fast to slow | 171 | 211 | |
| | | Stop | | | |
| | | Stop | 212 | 214 | |
| | | Reverse Spin | | | |
| | | From slow to fast | 215 | 255 | |
| 13 | Color Wheel 3 | Indexed | | | 000 |
| | | Open | 0 | 18 | |
| | | Open + LIGHT GREEN | 19 | 37 | |
| | | LIGHT GREEN | 38 | 56 | |
| | | LIGHT GREEN + PINK | 57 | 75 | |
| | | PINK | 76 | 94 | |
| | | PINK + LIGHT ORANGE | 95 | 113 | |
| | | LIGHT ORANGE | 114 | 132 | |
| | | LIGHT ORANGE + YELLOW | 133 | 151 | |
| | | YELLOW | 152 | 170 | |
| | | Forward Spin | | | |
| | | From fast to slow | 171 | 211 | |
| | | Stop | | | |
| | | Stop | 212 | 214 | |
| | | Reverse Spin | | | |
| | | From slow to fast | 215 | 255 | |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|------------------|-----------------------------------|------------|------------|---------|
| 14 | Rot Gobo | Indexed | | | 000 |
| | | Open | 0 | 9 | |
| | | GOBO 1 | 10 | 19 | |
| | | GOBO 2 | 20 | 29 | |
| | | GOBO 3 | 30 | 39 | |
| | | GOBO 4 | 40 | 49 | |
| | | GOBO 5 | 50 | 59 | |
| | | GOBO 6 | 60 | 69 | |
| | | GOBO 7 | 70 | 79 | |
| | | GOBO 8 | 80 | 89 | |
| | | Forward Spin | | | |
| | | From fast to slow | 90 | 131 | |
| | | Stop | | | |
| | | Stop | 132 | 132 | |
| | | Reverse Spin | | | |
| | | From slow to fast | 133 | 174 | |
| | | Shake | | | |
| | | GOBO 1 from slow to fast | 175 | 184 | |
| | | GOBO 2 from slow to fast | 185 | 194 | |
| | | GOBO 3 from slow to fast | 195 | 204 | |
| | | GOBO 4 from slow to fast | 205 | 214 | |
| | | GOBO 5 from slow to fast | 215 | 224 | |
| | | GOBO 6 from slow to fast | 225 | 234 | |
| | | GOBO 7 from slow to fast | 235 | 244 | |
| | | GOBO 8 from slow to fast | 245 | 255 | |
| 15 | Gobo Rot | Indexed | | | 000 |
| | | Lineary from 0° to 360° | 0 | 127 | |
| | | Forward Spin | | | |
| | | From fast to slow | 128 | 190 | |
| | | Stop | | | |
| | | Stop | 191 | 192 | |
| | | Reverse Spin | | | |
| 16 | Gobo Rot Fine | From slow to fast | 193 | 255 | 000 |
| | | Lineary from 0° to 360° (Indexed) | 0 | 255 | |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|---------------------|---------------------------|------------|------------|---------|
| 17 | Fixed Gobo | Indexed | | | 000 |
| | | Open | 0 | 5 | |
| | | GOBO 1 | 6 | 11 | |
| | | GOBO 2 | 12 | 17 | |
| | | GOBO 3 | 18 | 23 | |
| | | GOBO 4 | 24 | 29 | |
| | | GOBO 5 | 30 | 35 | |
| | | GOBO 6 | 36 | 41 | |
| | | GOBO 7 | 42 | 47 | |
| | | GOBO 8 | 48 | 53 | |
| | | GOBO 9 | 54 | 59 | |
| | | GOBO 10 | 60 | 65 | |
| | | GOBO 11 | 66 | 75 | |
| | | Forward Spin | | | |
| | | From fast to slow | 76 | 127 | |
| | | Stop | | | |
| | | Stop | 128 | 129 | |
| | | Reverse Spin | | | |
| | | From slow to fast | 130 | 181 | |
| | | Shake | | | |
| | | GOBO 1 from slow to fast | 182 | 187 | |
| | | GOBO 2 from slow to fast | 188 | 193 | |
| | | GOBO 3 from slow to fast | 194 | 199 | |
| | | GOBO 4 from slow to fast | 200 | 205 | |
| | | GOBO 5 from slow to fast | 206 | 211 | |
| | | GOBO 6 from slow to fast | 212 | 217 | |
| | | GOBO 7 from slow to fast | 218 | 223 | |
| | | GOBO 8 from slow to fast | 224 | 229 | |
| | | GOBO 9 from slow to fast | 230 | 235 | |
| | | GOBO 10 from slow to fast | 236 | 241 | |
| | | GOBO 11 from slow to fast | 242 | 255 | |
| 18 | Prism 1 | Open | 0 | 127 | 000 |
| | | Prism insert | 128 | 255 | |
| 19 | Prism 1 Rotation | Indexed | | | 000 |
| | | Lineary from 0° to 360° | 0 | 127 | |
| | | Forward Spin | | | |
| | | From fast to slow | 128 | 190 | |
| | | Stop | | | |
| | | Stop | 191 | 192 | |
| | | Reverse Spin | | | |
| 20 | Prism 2 | From slow to fast | 193 | 255 | 000 |
| | | Open | 0 | 127 | |
| | | Prism insert | 128 | 255 | |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|------------------------|--|------------|------------|---------|
| 21 | Prism 2 Rotation | Indexed | | | 000 |
| | | Lineary from 0° to 360° | 0 | 127 | |
| | | Forward Spin | | | |
| | | From fast to slow | 128 | 190 | |
| | | Stop | | | |
| | | Stop | 191 | 192 | |
| | | Reverse Spin | | | |
| 22 | Frost | From slow to fast | 193 | 255 | 000 |
| | | Continuous | | | |
| 23 | Zoom | Lineary from 0% to 100% | 0 | 255 | 000 |
| 24 | Zoom Fine | Lineary from in to out | 0 | 255 | 000 |
| 25 | Focus | Lineary from in to out | 0 | 255 | 000 |
| 26 | Focus Fine | Lineary from in to out | 0 | 255 | 000 |
| 27 | Animation Insertion | Continuous | | | 000 |
| | | Lineary from 0% to 100% | 0 | 255 | |
| 28 | Animation Rotation | Indexed | | | 000 |
| | | Lineary from 0° to 360° | 0 | 127 | |
| | | Forward Spin | | | |
| | | From fast to slow | 128 | 190 | |
| | | Stop | | | |
| | | Stop | 191 | 192 | |
| | | Reverse Spin | | | |
| 29 | Control | From slow to fast | 193 | 255 | 000 |
| | | No Function/Safe | 0 | 1 | |
| | | PAN REVERSE ON | 2 | 3 | |
| | | PAN REVERSE OFF | 4 | 5 | |
| | | TILT REVERSE ON | 6 | 7 | |
| | | TILT REVERSE OFF | 8 | 9 | |
| | | PAN/TILT MODE FAST | 10 | 11 | |
| | | PAN/TILT MODE MEDIUM | 12 | 13 | |
| | | PAN/TILT MODE SLOW | 14 | 15 | |
| | | MOVEMENT IN BLACKOUT ON | 16 | 17 | |
| | | MOVEMENT IN BLACKOUT OFF | 18 | 19 | |
| | | COLOR WHEEL 1 BLACKOUT ON (index) | 20 | 21 | |
| | | COLOR WHEEL 1 BLACKOUT OFF (index) | 22 | 23 | |
| | | COLOR WHEEL 2 BLACKOUT ON (index) | 24 | 25 | |
| | | COLOR WHEEL 2 BLACKOUT OFF (index) | 26 | 27 | |
| | | COLOR WHEEL 3 BLACKOUT ON (index) | 28 | 29 | |
| | | COLOR WHEEL 3 BLACKOUT OFF (index) | 30 | 31 | |
| | | ROTATING GOBO WHEEL BLACKOUT ON (index) | 32 | 33 | |
| | | ROTATING GOBO WHEEL BLACKOUT OFF (index) | 34 | 35 | |
| | | FIXED GOBO WHEEL BLACKOUT ON (index) | 36 | 37 | |
| | | FIXED GOBO WHEEL BLACKOUT OFF (index) | 38 | 39 | |
| | | COLOR WHEEL 1 CONTINUOUS MOVEMENT (index) | 40 | 41 | |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|------|---|------------|------------|---------|
| | | COLOR WHEEL 1 STEP MOVEMENT (index) | 42 | 43 | |
| | | COLOR WHEEL 2 CONTINUOUS MOVEMENT (index) | 44 | 45 | |
| | | COLOR WHEEL 2 STEP MOVEMENT (index) | 46 | 47 | |
| | | COLOR WHEEL 3 CONTINUOUS MOVEMENT (index) | 48 | 49 | |
| | | COLOR WHEEL 3 STEP MOVEMENT (index) | 50 | 51 | |
| | | ROTATING GOBO WHEEL CONTINUOUS MOVEMENT (index) | 52 | 53 | |
| | | ROTATING GOBO WHEEL STEP MOVEMENT (index) | 54 | 55 | |
| | | FIXED GOBO WHEEL CONTINUOUS MOVEMENT (index) | 56 | 57 | |
| | | FIXED GOBO WHEEL STEP MOVEMENT (index) | 58 | 59 | |
| | | HOME MODE STANDARD | 60 | 61 | |
| | | HOME MODE CUSTOM | 62 | 63 | |
| | | DISPLAY ON | 64 | 65 | |
| | | DISPLAY 10S | 66 | 67 | |
| | | DISPLAY 20S | 68 | 69 | |
| | | DISPLAY 30S | 70 | 71 | |
| | | FLIP DISPLAY ON | 72 | 73 | |
| | | FLIP DISPLAY OFF | 74 | 75 | |
| | | FLIP DISPLAY AUTO | 76 | 77 | |
| | | KEY LOCK ON | 78 | 79 | |
| | | KEY LOCK OFF | 80 | 81 | |
| | | FAN MODE AUTO | 82 | 83 | |
| | | FAN MODE SILENT | 84 | 85 | |
| | | FAN MODE HIGH | 86 | 87 | |
| | | NO SIGNAL HOLD | 88 | 89 | |
| | | NO SIGNAL BLACKOUT | 90 | 91 | |
| | | STATUS LED ON | 92 | 93 | |
| | | STATUS LED OFF | 94 | 95 | |
| | | DIMMER CURVE LINEAR | 96 | 97 | |
| | | DIMMER CURVE S-CURVE | 98 | 99 | |
| | | DIMMER CURVE SQUARE LAW | 100 | 101 | |
| | | DIMMER CURVE INVERSE SQUARE LAW | 102 | 103 | |
| | | DIMMER SPEED AUTO | 104 | 105 | |
| | | DIMMER SPEED FAST | 106 | 107 | |
| | | DIMMER SPEED MEDIUM | 108 | 109 | |
| | | DIMMER SPEED SLOW | 110 | 111 | |
| | | LED FREQUENCY 600HZ | 112 | 113 | |
| | | LED FREQUENCY 1200HZ | 114 | 115 | |
| | | LED FREQUENCY 2000HZ | 116 | 117 | |
| | | LED FREQUENCY 4000HZ | 118 | 119 | |
| | | LED FREQUENCY 6000HZ | 120 | 121 | |
| | | LED FREQUENCY 25KHZ | 122 | 123 | |
| | | LED FREQUENCY 50KHZ | 124 | 125 | |
| | | INVERT ZOOM OFF | 126 | 127 | |

| Channel STANDARD | Name | Function | Min DMX | Max DMX | Default |
|---------------------|------|--------------------------------------|------------|------------|---------|
| | | INVERT ZOOM ON | 128 | 129 | |
| | | RESET ALL | 130 | 131 | |
| | | RESET PAN/TILT | 132 | 133 | |
| | | RESET PAN | 134 | 135 | |
| | | RESET TILT | 136 | 137 | |
| | | RESET COLOR 1 | 138 | 139 | |
| | | RESET COLOR 2 | 140 | 141 | |
| | | RESET COLOR 3 | 142 | 143 | |
| | | RESET ROTATING GOBO | 144 | 145 | |
| | | RESET GOBO ROTATION | 146 | 147 | |
| | | RESET FIXED GOBO | 148 | 149 | |
| | | RESET ZOOM | 150 | 151 | |
| | | RESET FOCUS | 152 | 153 | |
| | | RESET ANIMATION | 154 | 155 | |
| | | RESET 6F PRISM | 156 | 157 | |
| | | RESET 8F PRISM | 158 | 159 | |
| | | RESET FROST | 160 | 161 | |
| | | RESET OTHER | 162 | 163 | |
| | | Reserved | 164 | 253 | |
| | | FACTORY DEFAULT OF CONTROL FUNCTIONS | 254 | 255 | |