

# VIZI BEAM RX2 - DMX TRAITS

| CHANNEL |      | DMX<br>VALUES | FUNCTION                |
|---------|------|---------------|-------------------------|
| 16Ch    | 20Ch |               |                         |
| 1       | 1    |               | <b><i>Pan</i></b>       |
|         |      | 000 - 255     | Pan                     |
| 2       | 2    |               | <b><i>Pan Fine</i></b>  |
|         |      | 000 - 255     | Pan Fine                |
|         | 3    |               | <b><i>Tilt</i></b>      |
|         |      | 000 - 255     | Tilt                    |
|         | 4    |               | <b><i>Tilt Fine</i></b> |
|         |      | 000 - 255     | Tilt Fine               |
| 3       | 5    |               | <b><i>Color</i></b>     |
|         |      | 000 - 003     | White                   |
|         |      | 004 - 007     | Red                     |
|         |      | 008 - 011     | Blue                    |
|         |      | 012 - 015     | Green                   |
|         |      | 016 - 019     | Lime                    |
|         |      | 020 - 023     | Orange                  |
|         |      | 024 - 027     | Pink                    |
|         |      | 028 - 031     | Lavender                |
|         |      | 032 - 035     | Medium Red              |
|         |      | 036 - 039     | Aqua                    |
|         |      | 040 - 043     | Amber                   |
|         |      | 044 - 047     | CTB 9000K               |
|         |      | 048 - 051     | 4500K                   |
|         |      | 052 - 055     | CTO 3200K               |
|         |      | 056 - 059     | UV                      |
|         |      | 060 - 061     | White                   |
|         |      | 062 - 063     | White to Red            |
|         |      | 064 - 065     | Red                     |
|         |      | 066 - 067     | Red to Blue             |
|         |      | 068 - 069     | Blue                    |
|         |      | 070 - 071     | Blue to Green           |
|         |      | 072 - 073     | Green                   |
|         |      | 074 - 075     | Green to Lime           |
|         |      | 076 - 077     | Lime                    |
|         |      | 078 - 079     | Lime to Orange          |
|         |      | 080 - 081     | Orange                  |
|         |      | 082 - 083     | Orange to Pink          |
|         |      | 084 - 085     | Pink                    |

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|-----------|------------------------------------------|---------------|----------------------------------|
| 16h       | 20Ch                                     |               |                                  |
| 3         | 5                                        |               | <b><i>Color (continued)</i></b>  |
|           |                                          | 086 - 087     | Pink to Lavender                 |
|           |                                          | 088 - 089     | Lavender                         |
|           |                                          | 090 - 091     | Lavender to Medium Red           |
|           |                                          | 092 - 093     | Medium Red                       |
|           |                                          | 094 - 095     | Medium Red to Aqua               |
|           |                                          | 096 - 097     | Aqua                             |
|           |                                          | 098 - 099     | Aqua to Amber                    |
|           |                                          | 100 - 101     | Amber                            |
|           |                                          | 102 - 103     | Amber to CTB 9000K               |
|           |                                          | 104 - 106     | CTB 9000K                        |
|           |                                          | 107 - 109     | CTB 9000K to 4500K               |
|           |                                          | 110 - 112     | 4500K                            |
|           |                                          | 113 - 115     | 4500K to CTO 3200K               |
|           |                                          | 116 - 118     | CTO 3200K                        |
|           |                                          | 119 - 121     | CTO 3200K to UV                  |
|           |                                          | 122 - 124     | UV                               |
|           |                                          | 125 - 127     | UV to White                      |
|           |                                          | 128 - 189     | Clockwise Rotation, fast to slow |
|           |                                          | 190 - 193     | Stop                             |
| 194 - 255 | Counter-Clockwise Rotation, slow to fast |               |                                  |
| 4         | 6                                        |               | <b><i>Static Gobo</i></b>        |
|           |                                          | 000 - 014     | Open                             |
|           |                                          | 015 - 017     | Gobo 1                           |
|           |                                          | 018 - 020     | Gobo 2                           |
|           |                                          | 021 - 023     | Gobo 3                           |
|           |                                          | 024 - 026     | Gobo 4                           |
|           |                                          | 027 - 029     | Gobo 5                           |
|           |                                          | 030 - 032     | Gobo 6                           |
|           |                                          | 033 - 035     | Gobo 7                           |
|           |                                          | 036 - 038     | Gobo 8                           |
|           |                                          | 039 - 041     | Gobo 9                           |
|           |                                          | 042 - 044     | Gobo 10                          |
|           |                                          | 045 - 047     | Gobo 11                          |
|           |                                          | 048 - 050     | Gobo 12                          |
|           |                                          | 051 - 053     | Gobo 13                          |
|           |                                          | 054 - 056     | Gobo 14                          |
|           |                                          |               |                                  |

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|---------|------|---------------|------------------------------------------|
| 16Ch    | 20Ch |               |                                          |
| 4       | 6    |               | <b><i>Static Gobo (continued)</i></b>    |
|         |      | 057 - 059     | Gobo 15                                  |
|         |      | 060 - 063     | Open Shake, slow to fast                 |
|         |      | 064 - 067     | Gobo 1 Shake, slow to fast               |
|         |      | 068 - 071     | Gobo 2 Shake, slow to fast               |
|         |      | 072 - 075     | Gobo 3 Shake, slow to fast               |
|         |      | 076 - 079     | Gobo 4 Shake, slow to fast               |
|         |      | 080 - 083     | Gobo 5 Shake, slow to fast               |
|         |      | 084 - 087     | Gobo 6 Shake, slow to fast               |
|         |      | 088 - 091     | Gobo 7 Shake, slow to fast               |
|         |      | 092 - 095     | Gobo 8 Shake, slow to fast               |
|         |      | 096 - 099     | Gobo 9 Shake, slow to fast               |
|         |      | 100 - 103     | Gobo 10 Shake, slow to fast              |
|         |      | 104 - 107     | Gobo 11 Shake, slow to fast              |
|         |      | 108 - 111     | Gobo 12 Shake, slow to fast              |
|         |      | 112 - 115     | Gobo 13 Shake, slow to fast              |
|         |      | 116 - 119     | Gobo 14 Shake, slow to fast              |
|         |      | 120 - 127     | Gobo 15 Shake, slow to fast              |
|         |      | 128 - 189     | Clockwise Rotation, fast to slow         |
|         |      | 190 - 193     | Stop                                     |
|         |      | 194 - 255     | Counter-Clockwise Rotation, slow to fast |
| 5       | 7    |               | <b><i>Prism</i></b>                      |
|         |      | 000 - 007     | Prism 1 and Prism 2 Out                  |
|         |      | 008 - 127     | Prism 1 In                               |
|         |      | 128 - 255     | Prism 2 In                               |
| 6       | 8    |               | <b><i>Prism Rotation</i></b>             |
|         |      | 000 - 127     | 0% ~ 100%                                |
|         |      | 128 - 189     | Clockwise Rotation, fast to slow         |
|         |      | 190 - 193     | Stop                                     |
|         |      | 194 - 255     | Counter-Clockwise Rotation, slow to fast |

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|---------|------|---------------|-------------------------------|
| 16Ch    | 20Ch |               |                               |
| 7       | 9    |               | <b><i>Shutter</i></b>         |
|         |      | 000 - 031     | Close                         |
|         |      | 032 - 063     | Open                          |
|         |      | 064 - 095     | Strobe, slow to fast          |
|         |      | 096 - 127     | Open                          |
|         |      | 128 - 159     | Pulse Effect in sequence      |
|         |      | 160 - 191     | Open                          |
|         |      | 192 - 223     | Random Strobe, slow to fast   |
|         |      | 224 - 255     | Open                          |
| 8       | 10   |               | <b><i>Dimmer</i></b>          |
|         |      | 000 - 255     | 0% ~ 100%                     |
|         | 11   |               | <b><i>Dimmer Fine</i></b>     |
|         |      | 000 - 255     | 0% ~ 100%                     |
| 9       | 12   |               | <b><i>Focus</i></b>           |
|         |      | 000 - 255     | 0% ~ 100%                     |
|         | 13   |               | <b><i>Focus Fine</i></b>      |
|         |      | 000 - 255     | 0% ~ 100%                     |
| 10      | 14   |               | <b><i>Frost</i></b>           |
|         |      | 000 - 015     | Off                           |
|         |      | 016 - 255     | On                            |
| 11      | 15   |               | <b><i>Pan/Tilt Macros</i></b> |
|         |      | 000 - 007     | Off                           |
|         |      | 008 - 015     | Macro 1                       |
|         |      | 016 - 023     | Macro 2                       |
|         |      | 024 - 031     | Macro 3                       |
|         |      | 032 - 039     | Macro 4                       |
|         |      | 040 - 047     | Macro 5                       |
|         |      | 048 - 055     | Macro 6                       |
|         |      | 056 - 063     | Macro 7                       |
|         |      | 064 - 071     | Macro 8                       |
|         |      | 072 - 079     | Macro 9                       |
|         |      | 080 - 087     | Macro 10                      |
|         |      | 088 - 095     | Macro 11                      |
|         |      | 096 - 103     | Macro 12                      |
|         |      | 104 - 111     | Macro 13                      |
|         |      | 112 - 119     | Macro 14                      |
|         |      | 120 - 127     | Macro 15                      |

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|---------|------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16Ch    | 20Ch |               |                                                                                                                                                                  |
| 11      | 15   |               | <b><i>Pan/Tilt Macros (continued)</i></b>                                                                                                                        |
|         |      | 128 - 135     | Macro 16                                                                                                                                                         |
|         |      | 136 - 143     | Macro 17                                                                                                                                                         |
|         |      | 144 - 151     | Macro 18                                                                                                                                                         |
|         |      | 152 - 159     | Macro 19                                                                                                                                                         |
|         |      | 160 - 167     | Macro 20                                                                                                                                                         |
|         |      | 168 - 175     | Macro 21                                                                                                                                                         |
|         |      | 176 - 183     | Macro 22                                                                                                                                                         |
|         |      | 184 - 191     | Macro 23                                                                                                                                                         |
|         |      | 192 - 199     | Macro 24                                                                                                                                                         |
|         |      | 200 - 207     | Macro 25                                                                                                                                                         |
|         |      | 208 - 215     | Macro 26                                                                                                                                                         |
|         |      | 216 - 223     | Macro 27                                                                                                                                                         |
|         |      | 224 - 231     | Macro 28                                                                                                                                                         |
|         |      | 232 - 239     | Macro 29                                                                                                                                                         |
|         |      | 240 - 247     | Macro 30                                                                                                                                                         |
|         |      | 248 - 255     | Macro 31                                                                                                                                                         |
| 12      | 16   |               | <b><i>Pan/Tilt Macro Speed</i></b>                                                                                                                               |
|         |      | 000 - 255     | Fast to Slow                                                                                                                                                     |
| 13      | 17   |               | <b><i>Color Time</i></b>                                                                                                                                         |
|         |      | 000 - 255     | Fast to Slow                                                                                                                                                     |
| 14      | 18   |               | <b><i>Gobo Time</i></b>                                                                                                                                          |
|         |      | 000 - 255     | Fast to Slow                                                                                                                                                     |
| 15      | 19   |               | <b><i>Pan/Tilt Speed</i></b>                                                                                                                                     |
|         |      | 000 - 255     | Fast to Slow                                                                                                                                                     |
| 16      | 20   |               | <b><i>Special Function</i></b>                                                                                                                                   |
|         |      | 000 - 019     | No Function                                                                                                                                                      |
|         |      | 020 - 029     | Enable color wheel indexing - the color wheel shall move in increments of 1, allowing the user to set their desired color split between DMX values of 1 and 255  |
|         |      | 030 - 039     | Disable color wheel indexing                                                                                                                                     |
|         |      | 040 - 059     | Enable frost indexing - the frost filter shall move in increments of 1, allowing the user to produce a more linear frost effect between DMX values of 16 and 255 |
|         |      | 060 - 069     | Disable frost indexing                                                                                                                                           |
|         |      | 070 - 079     | Enable blackout while pan/tilt moving                                                                                                                            |
|         |      | 080 - 089     | Disable blackout while pan/tilt moving                                                                                                                           |

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|---------|------|---------------|--------------------------------------------|
| 16Ch    | 20Ch |               |                                            |
| 16      | 20   |               | <b><i>Special Function (continued)</i></b> |
|         |      | 090 - 099     | Enable blackout while color changing       |
|         |      | 100 - 109     | Disable blackout while color changing      |
|         |      | 110 - 119     | Enable blackout while gobo changing        |
|         |      | 120 - 129     | Disable blackout while gobo changing       |
|         |      | 130 - 139     | Lamp On                                    |
|         |      | 140 - 149     | Reset XY                                   |
|         |      | 150 - 159     | Reset Effect                               |
|         |      | 160 - 169     | Reset Color                                |
|         |      | 170 - 199     | No Function                                |
|         |      | 200 - 209     | Reset All                                  |
|         |      | 210 - 229     | No Function                                |
|         |      | 230 - 239     | Lamp Off                                   |
|         |      | 240 - 255     | No Function                                |