

# ROOT PAR 4

7 X 4 W RGBW PAR SPOTLIGHTS  
DMX CONTROL TABLE



|           |                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EN</b> | The <b>DMX Delay</b> channel is only activated in DMX modes when menu item <b>DMX Delay</b> is set to <b>by DMX? Yes</b> .                                           |
| <b>DE</b> | Der Kanal <b>DMX Delay</b> ist in den DMX-Modi nur aktiviert, wenn im Menüpunkt <b>DMX Delay</b> unter <b>by DMX? Yes</b> eingestellt ist.                           |
| <b>FR</b> | Le décalage DMX de canal n'est activé dans le mode DMX que lorsque l'option DMX Delay est réglée sur Yes <b>sous by DMX ?</b> .                                      |
| <b>ES</b> | El canal <b>DMX Delay</b> solo está activado en los modos DMX si en la opción de menú <b>DMX Delay</b> , en <b>by DMX?</b> , está ajustada la opción <b>Yes</b> .    |
| <b>PL</b> | Kanał <b>DMX Delay</b> jest aktywowany w trybach DMX tylko wtedy, gdy w pozycji menu <b>DMX Delay</b> w opcji <b>by DMX?</b> zostanie ustawiona wartość <b>Yes</b> . |
| <b>IT</b> | Il canale <b>DMX Delay</b> è attivo in modalità DMX solo se nella voce di menu <b>DMX Delay</b> l'opzione <b>by DMX?</b> è impostata su <b>Yes</b> .                 |

| ROOT PAR 4 |                                                                     | 3-Channel Mode |              |     |                                                  |              |
|------------|---------------------------------------------------------------------|----------------|--------------|-----|--------------------------------------------------|--------------|
| Ch.        | Function                                                            | Values         |              |     |                                                  | Sub-Group    |
| 1          | Dimmer                                                              | 000            | -            | 255 | 0% to 100%                                       | Dimmer       |
| 2          | Color Presets<br>& Color Jumping<br>& Color Fading<br>& User Colors | 000            | -            | 005 | Color off                                        | Color Preset |
|            |                                                                     | 006            | -            | 013 | Red                                              |              |
|            |                                                                     | 014            | -            | 021 | Amber                                            |              |
|            |                                                                     | 022            | -            | 029 | Yellow warm                                      |              |
|            |                                                                     | 030            | -            | 037 | Yellow                                           |              |
|            |                                                                     | 038            | -            | 045 | Green                                            |              |
|            |                                                                     | 046            | -            | 053 | Turquoise                                        |              |
|            |                                                                     | 054            | -            | 061 | Cyan                                             |              |
|            |                                                                     | 062            | -            | 069 | Blue                                             |              |
|            |                                                                     | 070            | -            | 077 | Lavender                                         |              |
|            |                                                                     | 078            | -            | 085 | Mauve                                            |              |
|            |                                                                     | 086            | -            | 093 | Magenta                                          |              |
|            |                                                                     | 094            | -            | 101 | Pink                                             |              |
|            |                                                                     | 102            | -            | 109 | Warm White                                       |              |
|            |                                                                     | 110            | -            | 117 | White                                            |              |
|            |                                                                     | 118            | -            | 125 | Cold White                                       |              |
|            |                                                                     | 126            | -            | 127 | Color Jumping stop                               |              |
|            |                                                                     | 128            | -            | 164 | Color Jumping speed slow -> fast / Color 1 -> 12 |              |
|            |                                                                     | 165            | -            | 201 | Color Fading speed slow -> fast / Color 1 -> 12  |              |
|            |                                                                     | 202            | -            | 207 | User Color_1                                     |              |
| 208        | -                                                                   | 213            | User Color_2 |     |                                                  |              |
| 214        | -                                                                   | 219            | User Color_3 |     |                                                  |              |
| 220        | -                                                                   | 225            | User Color_4 |     |                                                  |              |
| 226        | -                                                                   | 255            | no function  |     |                                                  |              |
| 3          | DMX Delay                                                           | 000            | -            | 005 | No Delay                                         | DMX Delay    |
|            |                                                                     | 006            | -            | 255 | 0,1s -> 2,0s                                     |              |

# ROOT PAR 4

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DMX CONTROL TABLE



| ROOT PAR 4 |                                                                     |        | 5-Channel Mode 1 |     |                                                         |                        |
|------------|---------------------------------------------------------------------|--------|------------------|-----|---------------------------------------------------------|------------------------|
| Ch.        | Function                                                            | Values |                  |     | Sub-Group                                               |                        |
| 1          | Dimmer                                                              | 000    | -                | 255 | 0% to 100%                                              | Dimmer                 |
| 2          | Strobe functions                                                    | 000    | -                | 005 | Strobe open                                             | Multifunctional Strobe |
|            |                                                                     | 006    | -                | 010 | Strobe closed                                           |                        |
|            |                                                                     | 011    | -                | 022 | Ramp up/down, slow -> fast                              |                        |
|            |                                                                     | 023    | -                | 033 | Ramp up/down random, slow->fast                         |                        |
|            |                                                                     | 034    | -                | 045 | Ramp up, slow -> fast                                   |                        |
|            |                                                                     | 046    | -                | 056 | Ramp up random, slow -> fast                            |                        |
|            |                                                                     | 057    | -                | 068 | Ramp down, slow -> fast                                 |                        |
|            |                                                                     | 069    | -                | 079 | Ramp down random, slow -> fast                          |                        |
|            |                                                                     | 080    | -                | 102 | Random Strobe effect, slow -> fast                      |                        |
|            |                                                                     | 103    | -                | 127 | Strobe Break effect, 5s.....1s (short burst with break) |                        |
|            |                                                                     | 128    | -                | 250 | Strobe slow -> fast <1Hz - 20Hz                         |                        |
|            |                                                                     | 251    | -                | 255 | Strobe open                                             |                        |
| 3          | Color Presets<br>& Color Jumping<br>& Color Fading<br>& User Colors | 000    | -                | 005 | Color off                                               | Color Preset           |
|            |                                                                     | 006    | -                | 013 | Red                                                     |                        |
|            |                                                                     | 014    | -                | 021 | Amber                                                   |                        |
|            |                                                                     | 022    | -                | 029 | Yellow warm                                             |                        |
|            |                                                                     | 030    | -                | 037 | Yellow                                                  |                        |
|            |                                                                     | 038    | -                | 045 | Green                                                   |                        |
|            |                                                                     | 046    | -                | 053 | Turquoise                                               |                        |
|            |                                                                     | 054    | -                | 061 | Cyan                                                    |                        |
|            |                                                                     | 062    | -                | 069 | Blue                                                    |                        |
|            |                                                                     | 070    | -                | 077 | Lavender                                                |                        |
|            |                                                                     | 078    | -                | 085 | Mauve                                                   |                        |
|            |                                                                     | 086    | -                | 093 | Magenta                                                 |                        |
|            |                                                                     | 094    | -                | 101 | Pink                                                    |                        |
|            |                                                                     | 102    | -                | 109 | Warm White                                              |                        |
|            |                                                                     | 110    | -                | 117 | White                                                   |                        |
|            |                                                                     | 118    | -                | 125 | Cold White                                              |                        |
|            |                                                                     | 126    | -                | 127 | Color Jumping stop                                      |                        |
|            |                                                                     | 128    | -                | 164 | Color Jumping speed slow -> fast / Color 1 -> 12        |                        |
|            |                                                                     | 165    | -                | 201 | Color Fading speed slow -> fast / Color 1 -> 12         |                        |
|            |                                                                     | 202    | -                | 207 | User Color_1                                            |                        |
|            |                                                                     | 208    | -                | 213 | User Color_2                                            |                        |
|            |                                                                     | 214    | -                | 219 | User Color_3                                            |                        |
|            |                                                                     | 220    | -                | 225 | User Color_4                                            |                        |
|            |                                                                     | 226    | -                | 255 | no function                                             |                        |
| 4          | Sound<br>(triggers Strobe,<br>Color Jumping & Fading)               | 000    | -                | 005 | Sound Control off                                       | Sound                  |
|            |                                                                     | 006    | -                | 255 | Sound Control on, mic sensitivity low -> high           |                        |
| 5          | DMX Delay                                                           | 000    | -                | 005 | No Delay                                                | DMX Delay              |
|            |                                                                     | 006    | -                | 255 | 0,1s -> 2,0s                                            |                        |

# ROOT PAR 4

7 X 4 W RGBW PAR SPOTLIGHTS  
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| ROOT PAR 4 |           | 5-Channel Mode 2 |   |     |              |           |
|------------|-----------|------------------|---|-----|--------------|-----------|
| Ch.        | Function  | Values           |   |     |              | Sub-Group |
| 1          | Red       | 000              | - | 255 | 0% to 100%   | Red       |
| 2          | Green     | 000              | - | 255 | 0% to 100%   | Green     |
| 3          | Blue      | 000              | - | 255 | 0% to 100%   | Blue      |
| 4          | White     | 000              | - | 255 | 0% to 100%   | White     |
| 5          | DMX Delay | 000              | - | 005 | No Delay     | DMX Delay |
|            |           | 006              | - | 255 | 0,1s -> 2,0s |           |

| ROOT PAR 4 |                        | 6-Channel Mode |   |     |                                 |                |
|------------|------------------------|----------------|---|-----|---------------------------------|----------------|
| Ch.        | Function               | Values         |   |     |                                 | Sub-Group      |
| 1          | Dimmer                 | 000            | - | 255 | 0% to 100%                      | Dimmer         |
| 2          | Strobe                 | 000            | - | 005 | Strobe open                     | Strobe         |
|            |                        | 006            | - | 255 | Strobe slow -> fast <1Hz - 20Hz |                |
| 3          | Chase of Ch 4 and Ch 5 | 000            | - | 005 | No Chase, Color Preset 1 is on  | Chase          |
|            |                        | 006            | - | 026 | Jump 10,0s -> 4,0s              |                |
|            |                        | 027            | - | 127 | Jump 4,0s -> 0,1s               |                |
|            |                        | 128            | - | 148 | Fade 10,0s -> 4,0s              |                |
|            |                        | 149            | - | 255 | Fade 4,0s -> 0,1s               |                |
| 4          | Color Presets 1        | 000            | - | 005 | Color off                       | Color Preset 1 |
|            |                        | 006            | - | 013 | Red                             |                |
|            |                        | 014            | - | 021 | Amber                           |                |
|            |                        | 022            | - | 029 | Yellow warm                     |                |
|            |                        | 030            | - | 037 | Yellow                          |                |
|            |                        | 038            | - | 045 | Green                           |                |
|            |                        | 046            | - | 053 | Turquoise                       |                |
|            |                        | 054            | - | 061 | Cyan                            |                |
|            |                        | 062            | - | 069 | Blue                            |                |
|            |                        | 070            | - | 077 | Lavender                        |                |
|            |                        | 078            | - | 085 | Mauve                           |                |
|            |                        | 086            | - | 093 | Magenta                         |                |
|            |                        | 094            | - | 101 | Pink                            |                |
|            |                        | 102            | - | 109 | Warm White                      |                |
|            |                        | 110            | - | 117 | White                           |                |
|            |                        | 118            | - | 125 | Cold White                      |                |
|            |                        | 126            | - | 201 | no function                     |                |
|            |                        | 202            | - | 207 | User Color_1                    |                |
|            |                        | 208            | - | 213 | User Color_2                    |                |
|            |                        | 214            | - | 219 | User Color_3                    |                |
|            |                        | 220            | - | 225 | User Color_4                    |                |
|            |                        | 226            | - | 255 | no function                     |                |
| 5          | Color Presets 2        | 000            | - | 255 | same as Color Presets 1         | Color Preset 2 |
| 6          | DMX Delay              | 000            | - | 005 | No Delay                        | DMX Delay      |
|            |                        | 006            | - | 255 | 0,1s -> 2,0s                    |                |

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| ROOT PAR 4 |           | 7-Channel Mode |   |     |                                 |           |
|------------|-----------|----------------|---|-----|---------------------------------|-----------|
| Ch.        | Function  | Values         |   |     |                                 | Sub-Group |
| 1          | Dimmer    | 000            | - | 255 | 0% to 100%                      | Dimmer    |
| 2          | Strobe    | 000            | - | 005 | Strobe open                     | Strobe    |
|            |           | 006            | - | 255 | Strobe slow -> fast <1Hz - 20Hz |           |
| 3          | Red       | 000            | - | 255 | 0% to 100%                      | Red       |
| 4          | Green     | 000            | - | 255 | 0% to 100%                      | Green     |
| 5          | Blue      | 000            | - | 255 | 0% to 100%                      | Blue      |
| 6          | White     | 000            | - | 255 | 0% to 100%                      | White     |
| 7          | DMX Delay | 000            | - | 005 | No Delay                        | DMX Delay |
|            |           | 006            | - | 255 | 0,1s -> 2,0s                    |           |

| ROOT PAR 4 |                  | 10-Channel Mode |   |     |                                                         |                        |
|------------|------------------|-----------------|---|-----|---------------------------------------------------------|------------------------|
| Ch.        | Function         | Values          |   |     |                                                         | Sub-Group              |
| 1          | Dimmer           | 000             | - | 255 | 0% to 100%                                              | Dimmer                 |
| 2          | Dimmer fine      | 000             | - | 255 | 0% to 100%                                              |                        |
| 3          | Strobe functions | 000             | - | 005 | Strobe open                                             | Multifunctional Strobe |
|            |                  | 006             | - | 010 | Strobe closed                                           |                        |
|            |                  | 011             | - | 022 | Ramp up/down, slow -> fast                              |                        |
|            |                  | 023             | - | 033 | Ramp up/down random, slow->fast                         |                        |
|            |                  | 034             | - | 045 | Ramp up, slow -> fast                                   |                        |
|            |                  | 046             | - | 056 | Ramp up random, slow -> fast                            |                        |
|            |                  | 057             | - | 068 | Ramp down, slow -> fast                                 |                        |
|            |                  | 069             | - | 079 | Ramp down random, slow -> fast                          |                        |
|            |                  | 080             | - | 102 | Random Strobe effect, slow -> fast                      |                        |
|            |                  | 103             | - | 127 | Strobe Break effect, 5s.....1s (short burst with break) |                        |
|            |                  | 128             | - | 250 | Strobe slow -> fast <1Hz - 20Hz                         |                        |
|            |                  | 251             | - | 255 | Strobe open                                             |                        |
| 4          | Red              | 000             | - | 255 | 0% to 100%                                              | Red                    |
| 5          | Green            | 000             | - | 255 | 0% to 100%                                              | Green                  |
| 6          | Blue             | 000             | - | 255 | 0% to 100%                                              | Blue                   |
| 7          | White            | 000             | - | 255 | 0% to 100%                                              | White                  |

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|    |                                                                                        |     |   |     |                                                  |                     |
|----|----------------------------------------------------------------------------------------|-----|---|-----|--------------------------------------------------|---------------------|
| 8  | Color Presets<br>& Color Jumping<br>& Color Fading<br>& User Colors<br>(override RGBW) | 000 | - | 005 | Color off                                        | <b>Color Preset</b> |
|    |                                                                                        | 006 | - | 013 | Red                                              |                     |
|    |                                                                                        | 014 | - | 021 | Amber                                            |                     |
|    |                                                                                        | 022 | - | 029 | Yellow warm                                      |                     |
|    |                                                                                        | 030 | - | 037 | Yellow                                           |                     |
|    |                                                                                        | 038 | - | 045 | Green                                            |                     |
|    |                                                                                        | 046 | - | 053 | Turquoise                                        |                     |
|    |                                                                                        | 054 | - | 061 | Cyan                                             |                     |
|    |                                                                                        | 062 | - | 069 | Blue                                             |                     |
|    |                                                                                        | 070 | - | 077 | Lavender                                         |                     |
|    |                                                                                        | 078 | - | 085 | Mauve                                            |                     |
|    |                                                                                        | 086 | - | 093 | Magenta                                          |                     |
|    |                                                                                        | 094 | - | 101 | Pink                                             |                     |
|    |                                                                                        | 102 | - | 109 | Warm White                                       |                     |
|    |                                                                                        | 110 | - | 117 | White                                            |                     |
|    |                                                                                        | 118 | - | 125 | Cold White                                       |                     |
|    |                                                                                        | 126 | - | 127 | Color Jumping Stop                               |                     |
|    |                                                                                        | 128 | - | 164 | Color Jumping Speed slow -> fast / Color 1 -> 12 |                     |
|    |                                                                                        | 165 | - | 201 | Color Fading Speed slow -> fast / Color 1 -> 12  |                     |
|    |                                                                                        | 202 | - | 207 | User Color_1                                     |                     |
|    |                                                                                        | 208 | - | 213 | User Color_2                                     |                     |
|    |                                                                                        | 214 | - | 219 | User Color_3                                     |                     |
|    |                                                                                        | 220 | - | 225 | User Color_4                                     |                     |
|    |                                                                                        | 226 | - | 255 | no function                                      |                     |
| 9  | Sound<br>(triggers Strobe, Color Jumping & Fading)                                     | 000 | - | 005 | Sound Control off                                | <b>Sound</b>        |
|    |                                                                                        | 006 | - | 255 | Sound Control on, mic sensitivity low -> high    |                     |
| 10 | DMX Delay                                                                              | 000 | - | 005 | No Delay                                         | <b>DMX Delay</b>    |
|    |                                                                                        | 006 | - | 255 | 0,1s -> 2,0s                                     |                     |

# ROOT PAR 4

7 X 4 W RGBW PAR SPOTLIGHTS  
DMX CONTROL TABLE



| ROOT PAR 6 |                                                                     |        |   | 3-Channel Mode |                                                  |              |
|------------|---------------------------------------------------------------------|--------|---|----------------|--------------------------------------------------|--------------|
| Ch.        | Function                                                            | Values |   |                | Sub-Group                                        |              |
| 1          | Dimmer                                                              | 000    | - | 255            | 0% to 100%                                       | Dimmer       |
| 2          | Color Presets<br>& Color Jumping<br>& Color Fading<br>& User Colors | 000    | - | 005            | Color off                                        | Color Preset |
|            |                                                                     | 006    | - | 013            | Red                                              |              |
|            |                                                                     | 014    | - | 021            | Amber                                            |              |
|            |                                                                     | 022    | - | 029            | Yellow warm                                      |              |
|            |                                                                     | 030    | - | 037            | Yellow                                           |              |
|            |                                                                     | 038    | - | 045            | Green                                            |              |
|            |                                                                     | 046    | - | 053            | Turquoise                                        |              |
|            |                                                                     | 054    | - | 061            | Cyan                                             |              |
|            |                                                                     | 062    | - | 069            | Blue                                             |              |
|            |                                                                     | 070    | - | 077            | Lavender                                         |              |
|            |                                                                     | 078    | - | 085            | Mauve                                            |              |
|            |                                                                     | 086    | - | 093            | Magenta                                          |              |
|            |                                                                     | 094    | - | 101            | Pink                                             |              |
|            |                                                                     | 102    | - | 109            | Warm White                                       |              |
|            |                                                                     | 110    | - | 117            | White                                            |              |
|            |                                                                     | 118    | - | 125            | Cold White                                       |              |
|            |                                                                     | 126    | - | 127            | Color Jumping stop                               |              |
|            |                                                                     | 128    | - | 164            | Color Jumping speed slow -> fast / Color 1 -> 12 |              |
|            |                                                                     | 165    | - | 201            | Color Fading speed slow -> fast / Color 1 -> 12  |              |
|            |                                                                     | 202    | - | 207            | User Color_1                                     |              |
|            |                                                                     | 208    | - | 213            | User Color_2                                     |              |
|            |                                                                     | 214    | - | 219            | User Color_3                                     |              |
|            |                                                                     | 220    | - | 225            | User Color_4                                     |              |
|            |                                                                     | 226    | - | 255            | UV                                               |              |
| 3          | DMX Delay                                                           | 000    | - | 005            | No Delay                                         | DMX Delay    |
|            |                                                                     | 006    | - | 255            | 0,1s -> 2,0s                                     |              |

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DMX CONTROL TABLE



| ROOT PAR 6 |                                                            |        | 5-Channel Mode 1 |     |                                                         |                        |
|------------|------------------------------------------------------------|--------|------------------|-----|---------------------------------------------------------|------------------------|
| Ch.        | Function                                                   | Values |                  |     |                                                         | Sub-Group              |
| 1          | Dimmer                                                     | 000    | -                | 255 | 0% to 100%                                              | Dimmer                 |
| 2          | Strobe functions                                           | 000    | -                | 005 | Strobe open                                             | Multifunctional Strobe |
|            |                                                            | 006    | -                | 010 | Strobe closed                                           |                        |
|            |                                                            | 011    | -                | 022 | Ramp up/down, slow -> fast                              |                        |
|            |                                                            | 023    | -                | 033 | Ramp up/down random, slow->fast                         |                        |
|            |                                                            | 034    | -                | 045 | Ramp up, slow -> fast                                   |                        |
|            |                                                            | 046    | -                | 056 | Ramp up random, slow -> fast                            |                        |
|            |                                                            | 057    | -                | 068 | Ramp down, slow -> fast                                 |                        |
|            |                                                            | 069    | -                | 079 | Ramp down random, slow -> fast                          |                        |
|            |                                                            | 080    | -                | 102 | Random Strobe effect, slow -> fast                      |                        |
|            |                                                            | 103    | -                | 127 | Strobe Break effect, 5s.....1s (short burst with break) |                        |
|            |                                                            | 128    | -                | 250 | Strobe slow -> fast <1Hz - 20Hz                         |                        |
|            |                                                            | 251    | -                | 255 | Strobe open                                             |                        |
| 3          | Color Presets & Color Jumping & Color Fading & User Colors | 000    | -                | 005 | Color off                                               | Color Preset           |
|            |                                                            | 006    | -                | 013 | Red                                                     |                        |
|            |                                                            | 014    | -                | 021 | Amber                                                   |                        |
|            |                                                            | 022    | -                | 029 | Yellow warm                                             |                        |
|            |                                                            | 030    | -                | 037 | Yellow                                                  |                        |
|            |                                                            | 038    | -                | 045 | Green                                                   |                        |
|            |                                                            | 046    | -                | 053 | Turquoise                                               |                        |
|            |                                                            | 054    | -                | 061 | Cyan                                                    |                        |
|            |                                                            | 062    | -                | 069 | Blue                                                    |                        |
|            |                                                            | 070    | -                | 077 | Lavender                                                |                        |
|            |                                                            | 078    | -                | 085 | Mauve                                                   |                        |
|            |                                                            | 086    | -                | 093 | Magenta                                                 |                        |
|            |                                                            | 094    | -                | 101 | Pink                                                    |                        |
|            |                                                            | 102    | -                | 109 | Warm White                                              |                        |
|            |                                                            | 110    | -                | 117 | White                                                   |                        |
|            |                                                            | 118    | -                | 125 | Cold White                                              |                        |
|            |                                                            | 126    | -                | 127 | Color Jumping Stop                                      |                        |
|            |                                                            | 128    | -                | 164 | Color Jumping Speed slow -> fast / Color 1 -> 12        |                        |
|            |                                                            | 165    | -                | 201 | Color Fading Speed slow -> fast / Color 1 -> 12         |                        |
|            |                                                            | 202    | -                | 207 | User Color_1                                            |                        |
|            |                                                            | 208    | -                | 213 | User Color_2                                            |                        |
|            |                                                            | 214    | -                | 219 | User Color_3                                            |                        |
|            |                                                            | 220    | -                | 225 | User Color_4                                            |                        |
|            |                                                            | 226    | -                | 255 | UV                                                      |                        |
| 4          | Sound (triggers Strobe, Color Jumping & Fading)            | 000    | -                | 005 | Sound Control off                                       | Sound                  |
|            |                                                            | 006    | -                | 255 | Sound Control on, mic sensitivity low -> high           |                        |
| 5          | DMX Delay                                                  | 000    | -                | 005 | No Delay                                                | DMX Delay              |
|            |                                                            | 006    | -                | 255 | 0,1s -> 2,0s                                            |                        |

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| ROOT PAR 6 |           | 5-Channel Mode 2 (compatibility mode for ROOT PAR 4) |   |     |              |           |
|------------|-----------|------------------------------------------------------|---|-----|--------------|-----------|
| Ch.        | Function  | Values                                               |   |     |              | Sub-Group |
| 1          | Red       | 000                                                  | - | 255 | 0% to 100%   | Red       |
| 2          | Green     | 000                                                  | - | 255 | 0% to 100%   | Green     |
| 3          | Blue      | 000                                                  | - | 255 | 0% to 100%   | Blue      |
| 4          | White     | 000                                                  | - | 255 | 0% to 100%   | White     |
| 5          | DMX Delay | 000                                                  | - | 005 | No Delay     | DMX Delay |
|            |           | 006                                                  | - | 255 | 0,1s -> 2,0s |           |

| ROOT PAR 6 |                                                              | 6-Channel Mode |   |     |                                 |                |
|------------|--------------------------------------------------------------|----------------|---|-----|---------------------------------|----------------|
| Ch.        | Function                                                     | Values         |   |     |                                 | Sub-Group      |
| 1          | Dimmer                                                       | 000            | - | 255 | 0% to 100%                      | Dimmer         |
| 2          | Strobe                                                       | 000            | - | 005 | Strobe open                     | Strobe         |
|            |                                                              | 006            | - | 255 | Strobe slow -> fast <1Hz - 20Hz |                |
| 3          | Chase of Ch 4 and Ch 5                                       | 000            | - | 005 | No Chase, Color Preset 1 is on  | Chase          |
|            |                                                              | 006            | - | 026 | Jump 10,0s -> 4,0s              |                |
|            |                                                              | 027            | - | 127 | Jump 4,0s -> 0,1s               |                |
|            |                                                              | 128            | - | 148 | Fade 10,0s -> 4,0s              |                |
|            |                                                              | 149            | - | 255 | Fade 4,0s -> 0,1s               |                |
| 4          | Color Presets 1 & Color Jumping & Color Fading & User Colors | 000            | - | 005 | Color off                       | Color Preset 1 |
|            |                                                              | 006            | - | 013 | Red                             |                |
|            |                                                              | 014            | - | 021 | Amber                           |                |
|            |                                                              | 022            | - | 029 | Yellow warm                     |                |
|            |                                                              | 030            | - | 037 | Yellow                          |                |
|            |                                                              | 038            | - | 045 | Green                           |                |
|            |                                                              | 046            | - | 053 | Turquoise                       |                |
|            |                                                              | 054            | - | 061 | Cyan                            |                |
|            |                                                              | 062            | - | 069 | Blue                            |                |
|            |                                                              | 070            | - | 077 | Lavender                        |                |
|            |                                                              | 078            | - | 085 | Mauve                           |                |
|            |                                                              | 086            | - | 093 | Magenta                         |                |
|            |                                                              | 094            | - | 101 | Pink                            |                |
|            |                                                              | 102            | - | 109 | Warm White                      |                |
|            |                                                              | 110            | - | 117 | White                           |                |
|            |                                                              | 118            | - | 125 | Cold White                      |                |
|            |                                                              | 126            | - | 201 | no function                     |                |
|            |                                                              | 202            | - | 207 | User Color_1                    |                |
|            |                                                              | 208            | - | 213 | User Color_2                    |                |
|            |                                                              | 214            | - | 219 | User Color_3                    |                |
|            |                                                              | 220            | - | 225 | User Color_4                    |                |
|            |                                                              | 226            | - | 255 | UV                              |                |
| 5          | Color Presets 2                                              | 000            | - | 255 | same as Color Presets 1         | Color Preset 2 |
| 6          | DMX Delay                                                    | 000            | - | 005 | No Delay                        | DMX Delay      |
|            |                                                              | 006            | - | 255 | 0,1s -> 2,0s                    |                |

# ROOT PAR 4

7 X 4 W RGBW PAR SPOTLIGHTS  
DMX CONTROL TABLE



| ROOT PAR 6 |           | 7-Channel Mode |   |     |              |           |
|------------|-----------|----------------|---|-----|--------------|-----------|
| Ch.        | Function  | Values         |   |     |              | Sub-Group |
| 1          | Red       | 000            | - | 255 | 0% to 100%   | Red       |
| 2          | Green     | 000            | - | 255 | 0% to 100%   | Green     |
| 3          | Blue      | 000            | - | 255 | 0% to 100%   | Blue      |
| 4          | White     | 000            | - | 255 | 0% to 100%   | White     |
| 5          | Amber     | 000            | - | 255 | 0% to 100%   | Amber     |
| 6          | UV        | 000            | - | 255 | 0% to 100%   | UV        |
| 7          | DMX Delay | 000            | - | 005 | No Delay     | DMX Delay |
|            |           | 006            | - | 255 | 0,1s -> 2,0s |           |

| ROOT PAR 6 |           | 9-Channel Mode |   |     |                                 |           |
|------------|-----------|----------------|---|-----|---------------------------------|-----------|
| Ch.        | Function  | Values         |   |     |                                 | Sub-Group |
| 1          | Dimmer    | 000            | - | 255 | 0% to 100%                      | Dimmer    |
| 2          | Strobe    | 000            | - | 005 | Strobe open                     | Strobe    |
|            |           | 006            | - | 255 | Strobe slow -> fast <1Hz - 20Hz |           |
| 3          | Red       | 000            | - | 255 | 0% to 100%                      | Red       |
| 4          | Green     | 000            | - | 255 | 0% to 100%                      | Green     |
| 5          | Blue      | 000            | - | 255 | 0% to 100%                      | Blue      |
| 6          | White     | 000            | - | 255 | 0% to 100%                      | White     |
| 7          | Amber     | 000            | - | 255 | 0% to 100%                      | Amber     |
| 8          | UV        | 000            | - | 255 | 0% to 100%                      | UV        |
| 9          | DMX Delay | 000            | - | 005 | No Delay                        | DMX Delay |
|            |           | 006            | - | 255 | 0,1s -> 2,0s                    |           |

| ROOT PAR 6 |                  | 12-Channel Mode |   |     |                                                         |                        |
|------------|------------------|-----------------|---|-----|---------------------------------------------------------|------------------------|
| Ch.        | Function         | Values          |   |     |                                                         | Sub-Group              |
| 1          | Dimmer           | 000             | - | 255 | 0% to 100%                                              | Dimmer                 |
| 2          | Dimmer fine      | 000             | - | 255 | 0% to 100%                                              |                        |
| 3          | Strobe functions | 000             | - | 005 | Strobe open                                             | Multifunctional Strobe |
|            |                  | 006             | - | 010 | Strobe closed                                           |                        |
|            |                  | 011             | - | 022 | Ramp up/down, slow -> fast                              |                        |
|            |                  | 023             | - | 033 | Ramp up/down random, slow->fast                         |                        |
|            |                  | 034             | - | 045 | Ramp up, slow -> fast                                   |                        |
|            |                  | 046             | - | 056 | Ramp up random, slow -> fast                            |                        |
|            |                  | 057             | - | 068 | Ramp down, slow -> fast                                 |                        |
|            |                  | 069             | - | 079 | Ramp down random, slow -> fast                          |                        |
|            |                  | 080             | - | 102 | Random Strobe effect, slow -> fast                      |                        |
|            |                  | 103             | - | 127 | Strobe Break effect, 5s.....1s (short burst with break) |                        |
|            |                  | 128             | - | 250 | Strobe slow -> fast <1Hz - 20Hz                         |                        |
|            |                  | 251             | - | 255 | Strobe open                                             |                        |

# ROOT PAR 4

## 7 X 4 W RGBW PAR SPOTLIGHTS DMX CONTROL TABLE



|    |                                                                                            |     |   |     |                                                  |                     |
|----|--------------------------------------------------------------------------------------------|-----|---|-----|--------------------------------------------------|---------------------|
| 4  | Red                                                                                        | 000 | - | 255 | 0% to 100%                                       | <b>Red</b>          |
| 5  | Green                                                                                      | 000 | - | 255 | 0% to 100%                                       | <b>Green</b>        |
| 6  | Blue                                                                                       | 000 | - | 255 | 0% to 100%                                       | <b>Blue</b>         |
| 7  | White                                                                                      | 000 | - | 255 | 0% to 100%                                       | <b>White</b>        |
| 8  | Amber                                                                                      | 000 | - | 255 | 0% to 100%                                       | <b>Amber</b>        |
| 9  | UV                                                                                         | 000 | - | 255 | 0% to 100%                                       | <b>UV</b>           |
| 10 | Color Presets<br>& Color Jumping<br>& Color Fading<br>& User Colors<br>(override RGBWA+UV) | 000 | - | 005 | Color off                                        | <b>Color Preset</b> |
|    |                                                                                            | 006 | - | 013 | Red                                              |                     |
|    |                                                                                            | 014 | - | 021 | Amber                                            |                     |
|    |                                                                                            | 022 | - | 029 | Yellow warm                                      |                     |
|    |                                                                                            | 030 | - | 037 | Yellow                                           |                     |
|    |                                                                                            | 038 | - | 045 | Green                                            |                     |
|    |                                                                                            | 046 | - | 053 | Turquoise                                        |                     |
|    |                                                                                            | 054 | - | 061 | Cyan                                             |                     |
|    |                                                                                            | 062 | - | 069 | Blue                                             |                     |
|    |                                                                                            | 070 | - | 077 | Lavender                                         |                     |
|    |                                                                                            | 078 | - | 085 | Mauve                                            |                     |
|    |                                                                                            | 086 | - | 093 | Magenta                                          |                     |
|    |                                                                                            | 094 | - | 101 | Pink                                             |                     |
|    |                                                                                            | 102 | - | 109 | Warm White                                       |                     |
|    |                                                                                            | 110 | - | 117 | White                                            |                     |
|    |                                                                                            | 118 | - | 125 | Cold White                                       |                     |
|    |                                                                                            | 126 | - | 127 | Color Jumping stop                               |                     |
|    |                                                                                            | 128 | - | 164 | Color Jumping speed slow -> fast / Color 1 -> 12 |                     |
|    |                                                                                            | 165 | - | 201 | Color Fading speed slow -> fast / Color 1 -> 12  |                     |
|    |                                                                                            | 202 | - | 207 | User Color_1                                     |                     |
|    |                                                                                            | 208 | - | 213 | User Color_2                                     |                     |
|    |                                                                                            | 214 | - | 219 | User Color_3                                     |                     |
|    |                                                                                            | 220 | - | 225 | User Color_4                                     |                     |
|    |                                                                                            | 226 | - | 255 | no function                                      |                     |
| 11 | Sound<br>(triggers Strobe, Color Jumping & Fading)                                         | 000 | - | 005 | Sound Control off                                | <b>Sound</b>        |
|    |                                                                                            | 006 | - | 255 | Sound Control on, mic sensitivity low -> high    |                     |
| 12 | DMX Delay                                                                                  | 000 | - | 005 | No Delay                                         | <b>DMX Delay</b>    |
|    |                                                                                            | 006 | - | 255 | 0,1s -> 2,0s                                     |                     |