

DOMINO LT :

DMX channel's functions and their values (70DMX channels):

| St | Ba | Ex | Value | Function |
|---------|--|---------|---------|--|
| 1 | 1 | 1 | | PAN Movement 8bit : |
| | | | 0-255 | Pan Movement |
| 2 | | 2 | | Pan Fine 16bit |
| | | | 0-255 | Fine control of Pan movement |
| 3 | 2 | 3 | | TILT Movement 8bit : |
| | | | 0-255 | Tilt Movement |
| 4 | | 4 | | Tilt Fine 16bit |
| | | | 0-255 | Fine control of Tilt movement |
| 5 | 3 | 5 | | Speed Pan/Tilt movement: |
| | | | 0-225 | max to min speed |
| | | | 226-235 | blackout by movement |
| | | | 236-245 | blackout by all wheel changing |
| | | | 246-255 | no function |
| 6 | 4 | 6 | | Shutter, strobe: |
| | | | 0-10 | Shutter closed |
| | | | 11-20 | No function (shutter open) |
| | | | 21-117 | Strobe effect slow to fast |
| | | | 118-126 | No function (shutter open) |
| | | | 127-180 | Pulse-effect in sequences |
| | | | 181-191 | No function (shutter open) |
| | | | 192-245 | Random strobe effect slow to fast |
| 246-255 | No function (shutter open) | | | |
| 7 | 5 | 7 | | Dimmer intensity: |
| | | | 0-255 | Intensity 0 to 100% |
| | | 8 | | Fine Dimmer intensity: |
| | | 8 | 0-255 | Dimmer intensity fine |
| 8 | 6 | 9 | | Zoom : |
| | | | 0-255 | Zoom adjustment from small to big |
| | | 10 | | Zoom Fine: |
| | | 10 | 0-255 | Zoom adjustment Fine |
| 9 | 7 | 11 | | Focus : |
| | | | 0-255 | Continuous adjustment from near to far |
| | | 12 | | Focus Fine: |
| | | 12 | 0-255 | Continuous adjustment Fine |
| 10 | 8 | 13 | | Auto Focus : |
| | | | 0-50 | Auto Focus Off |
| | | | 51-100 | 5m |
| | | | 101-150 | 7.5m |
| | | | 151-200 | 10m |
| | | 201-255 | 15m | |
| 11 | 9 | 14 | | AutoFocus Fine: |
| | | | 0-255 | Continuous adjustment Fine |
| 12 | 10 | 15 | | Color Wheel: |
| | | | 0-3 | Open / white |
| | | | 4-7 | Color 1 |
| | | | 8-11 | Color 2 |
| | | | 12-15 | Color 3 |
| | | | 16-19 | Color 4 |
| | | | 20-23 | Color 5 |
| | | | 24-27 | Color 6 |
| | | | 28-127 | Color indexing |
| | | | 128-189 | Forwards rainbow effect from fast to slow |
| | | | 190-193 | No rotation |
| 194-255 | Backwards rainbow effect from slow to fast | | | |
| | | 16 | | Color Wheel Fine: |
| | | 16 | 0-255 | Color Wheel colour change to any position Fine |

| | | | | |
|---------|---|-------|--|--|
| 13 | 11 | 17 | Cyan Color : | |
| | | 0-255 | Cyan (0-white, 255-100% Cyan) | |
| | | 18 | Cyan Color Fine : | |
| | | 0-255 | Cyan Fine | |
| 14 | 12 | 19 | Magenta Color : | |
| | | 0-255 | Magenta (0-white, 255-100% magenta) | |
| | | 20 | Magenta Color Fine : | |
| | | 0-255 | Magenta Fine | |
| 15 | 13 | 21 | Yellow Color : | |
| | | 0-255 | Yellow (0-white, 255-100% Yellow) | |
| | | 22 | Yellow Color Fine : | |
| | | 0-255 | Yellow Fine | |
| 16 | 14 | 23 | CTO Color : | |
| | | 0-255 | CTO (0-white, 255-100% CTO) | |
| | | 24 | CTO Color Fine : | |
| | | 0-255 | CTO Fine | |
| 17 | 15 | 25 | CTB Color : | |
| | | 0-255 | CTB (0-white, 255-100% CTO) | |
| | | 26 | CTB Color Fine : | |
| | | 0-255 | CTB Fine | |
| 18 | 16 | 27 | CTP Color : | |
| | | 0-255 | CTP (0-white, 255-100% CTO) | |
| | | 28 | CTP Color Fine : | |
| | | 0-255 | CTP Fine | |
| 19 | 17 | 29 | Color Presets: | |
| | | 0-255 | See Appendix | |
| 20 | 18 | 30 | Reserved | |
| 21 | 19 | 31 | Reserved | |
| 22 | 20 | 32 | Reserved | |
| 23 | 21 | 33 | Rotating gobos, cont. rotation 1: | |
| | | | 0-9 | Open |
| | | | 10-19 | Rot. gobo 1 |
| | | | 20-29 | Rot. gobo 2 |
| | | | 30-39 | Rot. gobo 3 |
| | | | 40-49 | Rot. gobo 4 |
| | | | 50-59 | Rot. gobo 5 |
| | | | 60-69 | Rot. gobo 6 |
| | | | 70-77 | Rot. Gobo 7 |
| | | | 78-93 | Gobo 1 shake slow to fast |
| | | | 94-109 | Gobo 2 shake slow to fast |
| | | | 110-125 | Gobo 3 shake slow to fast |
| | | | 126-141 | Gobo 4 shake slow to fast |
| | | | 142-157 | Gobo 5 shake slow to fast |
| | | | 158-173 | Gobo 6 shake slow to fast |
| | | | 174-189 | Gobo 7 shake slow to fast |
| | | | 190-221 | Gobo wheel rotation forwards from fast to slow |
| 222-223 | No rotation | | | |
| 224-255 | Gobo wheel rotation f backwards from slow to fast | | | |
| 24 | 22 | 34 | Rotating gobo index,rotating gobo rotation 1: | |
| | | | 0-127 | Gobo indexing |
| | | | 128-189 | Forwards gobo rotation from fast to slow |
| | | | 190-193 | No rotation |
| | | | 194-255 | Backwards gobo rotation from slow to fast |
| | | 35 | Rotating gobo indexing Fine 1: | |
| | | 0-255 | Fine indexing | |

| | | | | |
|----|----|----|---------|--|
| | | | | Rotating gobos, cont. rotation 2: |
| | | | 0-9 | Open |
| | | | 10-19 | Rot. gobo 1 |
| | | | 20-29 | Rot. gobo 2 |
| | | | 30-39 | Rot. gobo 3 |
| | | | 40-49 | Rot. gobo 4 |
| | | | 50-59 | Rot. gobo 5 |
| | | | 60-69 | Rot. gobo 6 |
| | | | 70-77 | Rot. Gobo 7 |
| 25 | 23 | 36 | 78-93 | Gobo 1 shake slow to fast |
| | | | 94-109 | Gobo 2 shake slow to fast |
| | | | 110-125 | Gobo 3 shake slow to fast |
| | | | 126-141 | Gobo 4 shake slow to fast |
| | | | 142-157 | Gobo 5 shake slow to fast |
| | | | 158-173 | Gobo 6 shake slow to fast |
| | | | 174-189 | Gobo 7 shake slow to fast |
| | | | 190-221 | Gobo wheel rotation forwards from fast to slow |
| | | | 222-223 | No rotation |
| | | | 224-255 | Gobo wheel rotation f backwards from slow to fast |
| | | | | Rotating gobo index, rotating gobo rotation 2: |
| 26 | 24 | 37 | 0-127 | Gobo indexing |
| | | | 128-189 | Forwards gobo rotation from fast to slow |
| | | | 190-193 | No rotation |
| | | | 194-255 | Backwards gobo rotation from slow to fast |
| | | 38 | | Rotating gobo indexing Fine 2: |
| | | | 0-255 | Fine indexing |
| | | | | Animation wheel 1: |
| 27 | 25 | 39 | 0-7 | No rotation |
| | | | 8-127 | Forwards rotation from fast to slow |
| | | | 128-135 | No rotation |
| | | | 136-255 | Backwards rotation from slow to fast |
| 28 | 26 | 40 | | Animation wheel 2: |
| | | | 0-255 | Animation indexing |
| | | | | Rotating Animation wheel 2: |
| 29 | 27 | 41 | 0-7 | No rotation |
| | | | 8-127 | Forwards rotation from fast to slow |
| | | | 128-135 | No rotation |
| | | | 136-255 | Backwards rotation from slow to fast |
| | | | | Iris: |
| 30 | 28 | 42 | 0-191 | Max. diameter to Min.diameter |
| | | | 192-223 | Pulse closing fast to slow |
| | | | 224-255 | Pulse opening slow to fast |
| | | 43 | | Iris Fine: |
| | | | 0-255 | Iris Fine |
| | | | | Prism 1: |
| 31 | 29 | 44 | 0-127 | Open |
| | | | 128-255 | Prism 1 |
| | | | | Rotating prism index, rotating prism rotation 1 |
| 32 | 30 | 45 | 0-127 | Prism indexing |
| | | | 128-189 | Forwards prism rotation from fast to slow |
| | | | 190-193 | No rotation |
| | | | 194-255 | Backwards prism rotation from slow to fast |
| | | 46 | | Rotating prism indexing Fine 1: |
| | | | 0-255 | Fine indexing |
| | | | | Prism 2: |
| 33 | 31 | 47 | 0-127 | Open |
| | | | 128-255 | Prism 2 |
| | | | | Rotating prism index, rotating prism rotation 2 |
| 34 | 32 | 48 | 0-127 | Prism indexing |
| | | | 128-189 | Forwards prism rotation from fast to slow |
| | | | 190-193 | No rotation |
| | | | 194-255 | Backwards prism rotation from slow to fast |
| | | 49 | | Rotating prism indexing Fine 2: |
| | | | 0-255 | Fine indexing |

| | | | | |
|---------|----------------|----|---------|---|
| 35 | 33 | 50 | | Frost 1: |
| | | | 0-255 | 0-100% |
| 36 | 34 | 51 | | Frost 2: |
| | | | 0-255 | 0-100% |
| 37 | 35 | 52 | | Blade 1A : |
| | | | 0-255 | Open to Close |
| | | 53 | | Blade 1A Fine : |
| | | | 0-255 | Open to Close Fine |
| 38 | 36 | 54 | | Blade 1B : |
| | | | 0-255 | Open to Close |
| | | 55 | | Blade 1B Fine : |
| | | | 0-255 | Open to Close Fine |
| 39 | 37 | 56 | | Blade 2A : |
| | | | 0-255 | Open to Close |
| | | 57 | | Blade 2A Fine : |
| | | | 0-255 | Open to Close Fine |
| 40 | 38 | 58 | | Blade 2B : |
| | | | 0-255 | Open to Close |
| | | 59 | | Blade 2B Fine : |
| | | | 0-255 | Open to Close Fine |
| 41 | 39 | 60 | | Blade 3A : |
| | | | 0-255 | Open to Close |
| | | 61 | | Blade 3A Fine : |
| | | | 0-255 | Open to Close Fine |
| 42 | 40 | 62 | | Blade 3B : |
| | | | 0-255 | Open to Close |
| | | 63 | | Blade 3B Fine : |
| | | | 0-255 | Open to Close Fine |
| 43 | 41 | 64 | | Blade 4A : |
| | | | 0-255 | Open to Close |
| | | 65 | | Blade 4A Fine : |
| | | | 0-255 | Open to Close Fine |
| 44 | 42 | 66 | | Blade 4B : |
| | | | 0-255 | Open to Close |
| | | 67 | | Blade 4B Fine : |
| | | | 0-255 | Open to Close Fine |
| 45 | 43 | 68 | | All Blade Rotation : |
| | | | 0-255 | All Blade Rotation |
| | | 69 | | All Blade Rotation Fine : |
| | | | 0-255 | All Blade Rotation Fine |
| 46 | 44 | 70 | | Control, reset, internal programs: |
| | | | 0-4 | unused |
| | | | 5-9 | Display Off |
| | | | 10-14 | Display On |
| | | | 15-19 | Display Invert Off |
| | | | 20-24 | Display Invert On |
| | | | 25-26 | Auto fan control mode |
| | | | 27-28 | Stage fan control mode |
| | | | 29-30 | Silence fan control mode |
| | | | 31-32 | Super Silence fan control mode |
| | | | 33-34 | Constant Fans Off |
| | | | 35-36 | Constant Fans On |
| | | | 37-44 | unused |
| | | | 45-49 | Square Law |
| | | | 50-54 | Linear |
| | | | 55-58 | 1.2K |
| | | | 59-62 | 2.4K |
| | | | 63-66 | 16K |
| | | | 67-69 | 25K |
| | | | 70-74 | Gobo correction Off |
| | | | 75-79 | Gobo correction On |
| | | | 80-84 | All motor reset |
| | | | 85-87 | Scan motor reset |
| | | | 88-90 | Colors motor reset |
| | | | 91-93 | Gobo motor reset |
| | | | 94 | unused |
| | | | 95 | Reset P/T Fade Off |
| | | | 96 | Reset P/T Fade On |
| | | | 97-99 | Other motor reset |
| | | | 100-102 | Frost Progressive Off |
| | | | 103-105 | Frost Progressive On |
| | | | 106-108 | CMY speed Fast |
| 109-111 | CMY speed Slow | | | |
| 112-255 | unused | | | |

| Mode/Channel | Value | Function |
|--------------------|--|--|
| Domino Mode | | |
| 1 | | PAN Movement 8bit : |
| | 0-255 | Pan Movement |
| 2 | | Pan Fine 16bit |
| | 0-255 | Fine control of Pan movement |
| 3 | | TILT Movement 8bit : |
| | 0-255 | Tilt Movement |
| 4 | | Tilt Fine 16bit |
| | 0-255 | Fine control of Tilt movement |
| 5 | | Speed Pan/Tilt movement: |
| | 0-225 | max to min speed |
| | 226-235 | blackout by movement |
| | 236-245 | blackout by all wheel changing |
| 6 | 246-255 | no function |
| | | Shutter, strobe: |
| | 0-10 | Shutter closed |
| | 11-20 | No function (shutter open) |
| | 21-117 | Strobe effect slow to fast |
| | 118-126 | No function (shutter open) |
| | 127-180 | Pulse-effect in sequences |
| 7 | 181-191 | No function (shutter open) |
| | 192-245 | Random strobe effect slow to fast |
| | 246-255 | No function (shutter open) |
| | | Dimmer intensity: |
| | 0-255 | Intensity 0 to 100% |
| 8 | | Fine Dimmer intensity: |
| | 0-255 | Dimmer intensity fine |
| 12 | | Zoom : |
| | 0-255 | Zoom adjustment from small to big |
| 13 | | Zoom Fine: |
| | 0-255 | Zoom adjustment Fine |
| 14 | | Focus : |
| | 0-255 | Continuous adjustment from near to far |
| 15 | | Focus Fine: |
| | 0-255 | Continuous adjustment Fine |
| 16 | | Auto Focus : |
| | 0-50 | Auto Focus Off |
| | 51-100 | 5m |
| | 101-150 | 7.5m |
| | 151-200 | 10m |
| 17 | 201-255 | 15m |
| | | AutoFocus Fine: |
| 18 | 0-255 | Continuous adjustment Fine |
| | | Color Wheel: |
| | 0-3 | Open / white |
| | 4-7 | Color 1 |
| | 8-11 | Color 2 |
| | 12-15 | Color 3 |
| | 16-19 | Color 4 |
| | 20-23 | Color 5 |
| | 24-27 | Color 6 |
| | 28-127 | Color indexing |
| | 128-189 | Forwards rainbow effect from fast to slow |
| 190-193 | No rotation | |
| 194-255 | Backwards rainbow effect from slow to fast | |
| 19 | | Color Wheel Fine: |
| | 0-255 | Color Wheel colour change to any position Fine |
| 20 | | CTB/CRI: |
| | 0-63 | Open |
| | 64-127 | CTB |
| | 128-255 | unused |
| 21 | | Cyan Color : |
| | 0-255 | Cyan (0-white, 255-100% Cyan) |
| 22 | | Cyan Color Fine : |
| | 0-255 | Cyan Fine |
| 23 | | Magenta Color : |
| | 0-255 | Magenta (0-white, 255-100% magenta) |
| 24 | | Magenta Color Fine : |
| | 0-255 | Magenta Fine |
| 25 | | Yellow Color : |
| | 0-255 | Yellow (0-white, 255-100% Yellow) |
| 26 | | Yellow Color Fine : |
| | 0-255 | Yellow Fine |
| 27 | | CTO Color : |
| | 0-255 | CTO (0-white, 255-100% CTO) |
| 28 | | CTO Color Fine : |
| | 0-255 | CTO Fine |
| 9 | | Reserved |
| 10 | | Reserved |
| 11 | | Reserved |

| | | |
|----|---------|--|
| | | Rotating gobos, cont. rotation 1: |
| | 0-9 | Open |
| | 10-19 | Rot. gobo 1 |
| | 20-29 | Rot. gobo 2 |
| | 30-39 | Rot. gobo 3 |
| | 40-49 | Rot. gobo 4 |
| | 50-59 | Rot. gobo 5 |
| | 60-69 | Rot. gobo 6 |
| | 70-77 | Rot. Gobo 7 |
| 29 | 78-93 | Gobo 1 shake slow to fast |
| | 94-109 | Gobo 2 shake slow to fast |
| | 110-125 | Gobo 3 shake slow to fast |
| | 126-141 | Gobo 4 shake slow to fast |
| | 142-157 | Gobo 5 shake slow to fast |
| | 158-173 | Gobo 6 shake slow to fast |
| | 174-189 | Gobo 7 shake slow to fast |
| | 190-221 | Gobo wheel rotation forwards from fast to slow |
| | 222-223 | No rotation |
| | 224-255 | Gobo wheel rotation f backwards from slow to fast |
| | | Rotating gobo index,rotating gobo rotation 1: |
| | 0-127 | Gobo indexing |
| 30 | 128-189 | Forwards gobo rotation from fast to slow |
| | 190-193 | No rotation |
| | 194-255 | Backwards gobo rotation from slow to fast |
| | | Rotating gobo indexing Fine 1: |
| 31 | 0-255 | Fine indexing |
| | | Rotating gobos, cont. rotation 2: |
| | 0-9 | Open |
| | 10-19 | Rot. gobo 1 |
| | 20-29 | Rot. gobo 2 |
| | 30-39 | Rot. gobo 3 |
| | 40-49 | Rot. gobo 4 |
| | 50-59 | Rot. gobo 5 |
| | 60-69 | Rot. gobo 6 |
| | 70-77 | Rot. Gobo 7 |
| 32 | 78-93 | Gobo 1 shake slow to fast |
| | 94-109 | Gobo 2 shake slow to fast |
| | 110-125 | Gobo 3 shake slow to fast |
| | 126-141 | Gobo 4 shake slow to fast |
| | 142-157 | Gobo 5 shake slow to fast |
| | 158-173 | Gobo 6 shake slow to fast |
| | 174-189 | Gobo 7 shake slow to fast |
| | 190-221 | Gobo wheel rotation forwards from fast to slow |
| | 222-223 | No rotation |
| | 224-255 | Gobo wheel rotation f backwards from slow to fast |
| | | Rotating gobo index,rotating gobo rotation 2: |
| | 0-127 | Gobo indexing |
| 33 | 128-189 | Forwards gobo rotation from fast to slow |
| | 190-193 | No rotation |
| | 194-255 | Backwards gobo rotation from slow to fast |
| | | Rotating gobo indexing Fine 2: |
| 34 | 0-255 | Fine indexing |
| | | Animation wheel 1: |
| 35 | 0 | open |
| | 1-239 | Animation indexing |
| | 240-255 | shake slow to fast |
| | | Animation wheel 1: |
| 36 | 0-7 | No rotation |
| | 8-127 | Forwards rotation from fast to slow |
| | 128-135 | No rotation |
| | 136-255 | Backwards rotation from slow to fast |
| | | Animation wheel 2: |
| 37 | 0-7 | open |
| | 8-127 | Forwards rotation from fast to slow |
| | 128-135 | No rotation |
| | 136-255 | Backwards rotation from slow to fast |
| | | Iris: |
| 38 | 0-191 | Max. diameter to Min.diameter |
| | 192-223 | Pulse closing fast to slow |
| | 224-255 | Pulse opening slow to fast |
| | | Iris Fine: |
| 39 | 0-255 | Iris Fine |
| | | Prism 1: |
| 40 | 0-127 | Open |
| | 128-255 | 5-Facet Prism |
| | | Rotating prism index, rotating prism rotation 1 |
| 41 | 0-127 | Prism indexing |
| | 128-189 | Forwards prism rotation from fast to slow |
| | 190-193 | No rotation |
| | 194-255 | Backwards prism rotation from slow to fast |
| | | Rotating prism indexing Fine 1: |
| 42 | 0-255 | Fine indexing |

| | | |
|---------|---------|--|
| 43 | 0-127 | Prism 2: Open |
| | 128-255 | Linear Prism |
| 44 | | Rotating prism index, rotating prism rotation 2 |
| | 0-127 | Prism indexing |
| | 128-189 | Forwards prism rotation from fast to slow |
| | 190-193 | No rotation |
| 45 | 194-255 | Backwards prism rotation from slow to fast |
| | | Rotating prism indexing Fine 2: |
| 46 | 0-255 | Fine indexing |
| | | Frost 1: |
| 47 | 0-255 | 0-100% |
| | | Frost 2: |
| 48 | 0-255 | 0-100% |
| | | Blade 1A : |
| 49 | 0-255 | Open to Close |
| | | Blade 1A Fine : |
| 50 | 0-255 | Open to Close Fine |
| | | Blade 1B : |
| 51 | 0-255 | Open to Close |
| | | Blade 1B Fine : |
| 52 | 0-255 | Open to Close Fine |
| | | Blade 2A : |
| 53 | 0-255 | Open to Close |
| | | Blade 2A Fine : |
| 54 | 0-255 | Open to Close Fine |
| | | Blade 2B : |
| 55 | 0-255 | Open to Close |
| | | Blade 2B Fine : |
| 56 | 0-255 | Open to Close Fine |
| | | Blade 3A : |
| 57 | 0-255 | Open to Close |
| | | Blade 3A Fine : |
| 58 | 0-255 | Open to Close Fine |
| | | Blade 3B : |
| 59 | 0-255 | Open to Close |
| | | Blade 3B Fine : |
| 60 | 0-255 | Open to Close Fine |
| | | Blade 4A : |
| 61 | 0-255 | Open to Close |
| | | Blade 4A Fine : |
| 62 | 0-255 | Open to Close Fine |
| | | Blade 4B : |
| 63 | 0-255 | Open to Close |
| | | Blade 4B Fine : |
| 64 | 0-255 | Open to Close Fine |
| | | All Blade Rotation : |
| 65 | 0-255 | All Blade Rotation |
| | | All Blade Rotation Fine : |
| 66 | 0-255 | All Blade Rotation Fine |
| | | Control, reset, internal programs: |
| 66 | 0-4 | unused |
| | 5-9 | Display Off |
| | 10-14 | Display On |
| | 15-19 | Display Invert Off |
| | 20-24 | Display Invert On |
| | 25-26 | Auto fan control mode |
| | 27-28 | Stage fan control mode |
| | 29-30 | Silence fan control mode |
| | 31-32 | Super Silence fan control mode |
| | 33-34 | Constant Fans Off |
| | 35-36 | Constant Fans On |
| | 37-44 | unused |
| | 45-49 | Square Law |
| | 50-54 | Linear |
| | 55-57 | 1.2K |
| | 58-60 | 2.4K |
| | 61-63 | 16K |
| | 64-69 | 25K |
| | 70-74 | Gobo correction Off |
| | 75-79 | Gobo correction On |
| | 80-84 | All motor reset |
| | 85-87 | Scan motor reset |
| | 88-90 | Colors motor reset |
| | 91-93 | Gobo motor reset |
| | 94 | unused |
| | 95 | Reset P/T Fade Off |
| | 96 | Reset P/T Fade On |
| | 97-99 | Other motor reset |
| | 100-102 | Frost Progressive Off |
| | 103-105 | Frost Progressive On |
| | 106-108 | CMY speed Fast |
| | 109-111 | CMY speed Slow |
| 112-255 | unused | |