Thibs Resolume Composition V7

DMX Chart

Fixture GMA2

GrandMA2 V 3.9.6.28

Resolume V 7.13.2 rev 17774

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| **Chan Num** | **GMA2**  **Channel Name** | **Description** | **Resolume**  **Shortcut**  **Name** | **Modes**  **(in bit)** | **Defaut (in %)** | **Notes** |
| 1 | DIM (Dim) | Master Composition dimmer | Composition Master | 0-255  0 = 0  FULL = 255 | 100 |  |
| 2 | VIDEOLEVEL (VideoLevel) | Video Level Master | Composition Video Opacity | 0-255  0 = 0  FULL = 255 | 100 |  |
| 3 | DECK3 (Deck) | Composition Deck Select | Composition Selectspecificdeck | Deck from 0 thru 255 | 0 | CHANGES FOR ALL COMPOSITION ! |
| 4 | COLUMN (Column) | Layer 1 Clip Select | Composition Connectspecificcolumn | Column from 1 thru 255 | 0 | CHANGES FOR ALL COMPOSITION ! |
| 5 | LAYEROPACITY (Layer Opacity) | Color Opacity | Composition Video Effects Addsubstract Opacity | 0-255  min = 0  max = 255 | 100 |  |
| 6 | COLORRGB1 (R) | Red Opacity | Composition Video Effects Addsubstract Effect R | 0-255  min = 0  normal = 128  max = 255 | 50 |  |
| 7 | COLORRGB2 (G) | Green Opacity | Composition Video Effects Addsubstract Effect G | 0-255  min = 0  normal = 128  max = 255 | 50 |  |
| 8 | COLORRGB3 (B) | Blue Opacity | Composition Video Effects Addsubstract Effect B | 0-255  min = 0  normal = 128  max = 255 | 50 |  |
| 9 | OPACITY11 (Opacity) | Saturation, Brightness and Contrast Opacity | Composition Video Effects Saturation Opacity + Composition Video Effects Brightnesscontrast Opacity | 0-255  min = 0  max = 255 | 100 |  |
| 10 | BRIGHTNESS2 (Brightness) | Brightness Level | Composition Video Effects Brightnesscontrast Effect Brightness | 0-255  min = 0  normal = 128  max = 255 | 50 |  |
| 11 | CONTRAST2 (Contrast) | Contrast Level | Composition Video Effects Brightnesscontrast Effect Contrast | 0-255  min = 0  normal = 128  max = 255 | 50 |  |
| 12 | SATURATION (Saturation) | Saturation Level | Composition Video Effects Saturation Effect Saturation | 0-255  min = 0  normal = 128  max = 255 | 50 |  |
| 13 | CLEAR2 (Master Clear) | Master Clear | Composition Disconectall | Off = 0  On = 1-255 | 0 |  |
| 14 | BYPASS2 (Master Bypass) | Master Bypass | Composition Bypassed | Off = 0-127  On = 128-255 | 0 |  |
| 15 | SPEED3 (Master Speed) | Master Speed | Composition Speed | 0% = 0  100% = 64  200% = 97  500% = 168  1000% = 255 | 25.2  *(100%)* |  |

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| 16 | DIRECTION (Compo Direction) | Compositions Master Direction | Composition Direction | 0-85 = forwards  126-169 = Pause  170-255 = Backwards | 0  *(forward)* | **Pause will only be triggered if coming from lower value than 50 !**  **Trigger Pause = from 0 or above TO 50 and above (max 66.4)** |
| 17 | CROSSFADER3 (A/B Crossfader) | A/B Crossfader | Composition Crossfader Phase | A = 0  A+B = 128  B = 255 | 50 |  |
| 18 | CROSSBLEND (Crossfader Blend Mode) | Crossfader Blend Mode | Composition Crossfader Video Mixer Blendmode | 49 modes  **USE PRESETS**  *one mode = approx. 5bit*  *Bit range is maybe off a litle but presets are correct* | 0  *(Add)* |  |
| 19 | CROSSBEHAVIOUR (Crossfader Behaviour) | Crossfader Behaviour | Composition Crossfader Behaviour | 0-31 = Cut  32-95 = Cut & Return  96-159 = Jump  160-255 = Fade (Legacy) | 0 |  |
| 20 | CROSSCURVE (Crossfader Curve) | Crossfader | Composition Crossfader Curve | 1-31 = Linear  32-95 = Gentle  96-159 = Fast  160-255 = Cut | 0 |  |
| 21 | TAP3 (Tap) | Metronome TAP | Composition Tempocontroller Tempotap | off = 0  on = 1-255 | 0 |  |
| 22 | RESYNC3 (Resync) | Metronome RESYNC | Composition Tempocontroller Resync | off = 0  on = 1-255 | 0 |  |
| 23 | MULTIPLY23 (Multiply 2) | Metronome Multiply 2 | Composition Tempocontroller Tempomultiplytwo | off = 0  on = 1-255 | 0 |  |
| 24 | DIVIDE23 (Divide 2) | Metronome Divide 2 | Composition Tempocontroller Tempodividetwo | off = 0  on = 1-255 | 0 |  |
| 25 | POSE (Pause) | Metronome Pause | Composition Tempocontroller Pause | off = 0-127  on = 128-255 | 0 |  |
| 26 | BPMVALUE (BPM Value) | Metronome BPM Value | Composition Tempocontroller Tempo | 0-255  20 BPM = 0  120 BPM = 53  128BPM = 57  500 BPM = 255 | 20.6 (*120BPM)* | 0.51 bit = 1BPM;  1bit env.= 2BPM |
| 27 | METRONOME (Metronome) | Metronome audible or not | Composition Tempocontroller Metronome | off = 0-126  on = 127-255 |  | Bip sounds |
| 28 | AUDIOVOLUME (AudioVolume) | Master Audio Volume | Composition Audio Volume | 0-255  -192db = 0  0db = 255 | 100 |  |
| 29 | AUDIOBALANCE (AudioBalance) | Master Audio Balance | Composition Audio Pan | Left = 0  Center = 128  Right = 255 | 50 |  |
| 30 | RECORDER (Recorder) | Resolume Recording | Composition Recorder Record | Off = 0-127  On = 128-255 | 0 |  |
| 31 | DASHBOARD1 (Dashboard 1) | Composition Dashboard knob 1 | Composition Dashboard Link 1 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |

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| 32 | DASHBOARD2 (Dashboard 2) | Composition Dashboard knob 2 | Composition Dashboard Link 2 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 33 | DASHBOARD3 (Dashboard 3) | Composition Dashboard knob 3 | Composition Dashboard Link 3 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 34 | DASHBOARD4 (Dashboard 4) | Composition Dashboard knob 4 | Composition Dashboard Link 4 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 35 | DASHBOARD5 (Dashboard 5) | Composition Dashboard knob 5 | Composition Dashboard Link 5 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 36 | DASHBOARD6 (Dashboard 6) | Composition Dashboard knob 6 | Composition Dashboard Link 6 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 37 | DASHBOARD7 (Dashboard 7) | Composition Dashboard knob 7 | Composition Dashboard Link 7 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 38 | DASHBOARD8 (Dashboard 8) | Composition Dashboard knob 8 | Composition Dashboard Link 8 | 0-255  0% = 0  50% = 128  100% = 255 | 0 |  |
| 39-40  *16bit* | POSITIONX (X) | Composition Position X | Composition Video Effects Transform Positionx | 0-65535  -16384px = 0  -3840px = 25088  -1920px = 28928  0px = 32768  1920px = 36608  3840px = 40448  16384px = 65535 | 50  *(0px)* |  |
| 41-42  *16bit* | POSITIONY (Y) | Composition Position Y | Composition Video Effects Transform Positiony | 0-65535  -16384px = 0  -2160px = 28448  -1080px = 30608  0px = 32768  1080px = 34928  2160px = 37088  16384px = 65535 | 50 *(0px)* |  |
| 43-44  *16bit* | SCALEX (X) | Composition Scale Width | Composition Video Effects Transform Scalew | 0-65535  0% = 0  100% = 6554  200% = 13107  300% = 19661  400% = 26214  500% = 32768  1000% = 65535 | 10 *(100%)* |  |
| 45-46  *16bit* | SCALEY (Y) | Composition Scale Height | Composition Video Effects Transform Scaleh | 0-65535  0% = 0  100% = 6554  200% = 13107  300% = 19661  400% = 26214  500% = 32768  1000% = 65535 | 10  *(100%)* |  |
| 47-48  *16bit* | SCALEALL (All) | Composition Scale All | Composition Video Effects Transform Scale | 0-65535  0% = 0  100% = 6554  200% = 13107  300% = 19661  400% = 26214  500% = 32768  1000% = 65535 | 10  *(100%)* |  |
| 49-50  *16bit* | ROTATEX3 (X) | Composition Rotate X | Composition Video Effects Transform Rotationx | 0-65535  -180° = 0  0 = 32768  + 180° = 65535 | 50 |  |
| 51-52  *16bit* | ROTATEY3 (Y) | Composition Rotate Y | Composition Video Effects Transform Rotationy | 0-65535  -180° = 0  0 = 32768  + 180° = 65535 | 50 |  |
| 53-54  *16bit* | ROTATEZ3 (Z) | Composition Rotate Z | Composition Video Effects Transform Rotationz | 0-65535  -180° = 0  0 = 32768  + 180° = 65535 | 50 |  |
| 55-56  *16bit* | ANCHORX (X) | Composition Anchor X | Composition Video Effects Transform Anchorx | 0-65535  -8192px = 0  -3840px = 17408  -1920px = 25088  0px = 32768  1920px = 40448  3840px = 48128  16384px = 65535 | 50  *(0px)* |  |

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| 57-58  *16bit* | ANCHORY (Y) | Composition Anchor Y | Composition Video Effects Transform Anchory | 0-65535  -16384px = 0  -2160px = 24128  -1080px = 28448  0px = 32768  1080px = 37088  2160px = 41408  16384px = 65535 | 50 *(0px)* |  |
| 59-60  *16bit* | ANCHORZ (Z) | Composition Anchor Z | Composition Video Effects Transform Anchorz | 0-65535  -8192px = 0  0px = 32768  8192px = 65535 | 50 |  |
| 61-62  *16bit* | CROPTOP2 (CropTop) | Composition Top Crop Level | Composition Video Effects Crop Effect Top | 0-65535  0px = 0  1080px = 2159  2160px = 4319  32768px = 65535 | 0 |  |
| 63-64  *16bit* | CROPBOTTOM2 (CropBottom) | Composition BottomCrop Level | Composition Video Effects Crop Effect Bottom | 0-65535  0px = 0  1080px = 2159  2160px = 4319  32768px = 65535 | 3,294 *(1080px)* |  |

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| 65-66  *16bit* | CROPLEFT2 (CropLeft) | Composition Left Crop Level | Composition Video Effects Crop Effect Left | 0-65535  0px = 0  1920px = 3840  3840px = 7679  32768px = 65535 | 0 |  |
| 67-68  *16bit* | CROPRIGHT2 (CropRight) | Composition Right Crop Level | Composition Video Effects Crop Effect Right | 0-65535  0px = 0  1920px = 3840  3840px = 7679  32768px = 65535 | 5,86  *(1920px)* |  |
| 69 | OPACITY12 (Crop Opacity) | Composition Crop Opacity | Composition Video Effects Crop Opacity | 0-255  off = 0  on = 255 | 100 |  |
| 70 | INVERT (Invert Crop) | Composition Crop Invert | Composition Video Effects Crop Effect Invert | off 0-127  on = 128-255 | 0 |  |
| 71 | BLACKBG2 (BlackBG) | Composition Crop Black Background | Composition Video Effects Crop Effect Blackbg | off 0-126  on = 127-255 | 0 |  |
| 81 | TOPLEFTX (Top Left X) | Composition Keystone Top Left X | Composition Video Effects Keystone Effet Topleftx | 0 -65535  min = 0  max = 65535 | 0 |  |
| 82 | TOPLEFTY (Top Left Y) | Composition Keystone Top Left Y | Composition Video Effects Keystone Effet Toplefty | 0 -65535  min = 0  max = 65535 | 0 |  |
| 83 | TOPRIGHTX (Top Right X) | Composition Keystone Top Right X | Composition Video Effects Keystone Effet Toprightx | 0 -65535  min = 0  max = 65535 | 100 |  |
| 84 | TOPRIGHTY (Top Right Y) | Composition Keystone Top Right Y | Composition Video Effects Keystone Effet Toprighty | 0 -65535  min = 0  max = 65535 | 0 |  |

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| 85 | BOTRIGHTX (Bot. Right X) | Composition Keystone Bottom Left X | Composition Video Effects Keystone Effet Bot.rightx | 0 -65535  min = 0  max = 65535 | 100 |  |
| 86 | BOTRIGHTY (Bot. Right Y) | Composition Keystone Bottom Right T | Composition Video Effects Keystone1080px - 0 Effet Bot.righty | 0 -65535  min = 0  max = 65535 | 100 |  |
| 87 | BOTLEFTX (Bot. Left X) | Composition Keystone Bottom Left X | Composition Video Effects Keystone Effet Bot.leftx | 0 -65535  min = 0  max = 65535 | 0 |  |
| 88 | BOTLEFTY (Bot. Left Y) | Composition Keystone Bottom Left Y | Composition Video Effects Keystone Effet Bot.lefty | 0 -65535  min = 0  max = 65535 | 100 |  |
| 89 | GRID(Grid) | Composition Keystone Show Grid | Composition Video Effects Keystone Effet Showgrid | off = 0-126  on = 127-255 | 0 |  |
| 90 | BLACKBG (Black BG) | Composition Keystone Black Background | Composition Video Effects Keystone Effet Blackbg | off = 0-126  on = 127-255 | 0 |  |
| 91 | KEYSTONEOPACITY (Keystone Opacity) | Keystone Opacity Level | Composition Video Effects Keystone Opacity | 0-255  min = 0  max = 255 | 100 |  |

Effects below are put as effects on the composition and bypassed.

They are pre-patched in **LUMIVERSE 2** with the following patch, feel free to use them … or not ;P

SOLID COLOR

Parameter 1 (ch1) : R

Parameter 2 (ch2) : G

Parameter 3 (ch3) : B

Parameter 4 (ch4) : Opacity

COLORIZE

Parameter 1 (ch1) : R

Parameter 2 (ch2) : G

Parameter 3 (ch3) : B

Parameter 5 (ch5) : Opacity

Parameter 6 (ch6) : Contrast

HUE ROTATE

Parameter 7 (ch7) : Hue Scale (default : 100)

Parameter 8 (ch8) : Hue Rotate

TINT

Black To :

Parameter 1 (ch1) : R

Parameter 2 (ch2) : G

Parameter 3 (ch3) : B

White to :

Parameter 9 (ch9) : R

Parameter 10 (ch10) : G

Parameter 11 (ch11) : B

Parameter 12 (ch12) : Opacity

STROBE

Parameter 1 (ch1) : R

Parameter 2 (ch2) : G

Parameter 3 (ch3) : B

Parameter 13 (ch13) : Frequency

Parameter 14 (ch14) : Fade