

# MATRIX PANEL 3 WW

## DMX CONTROL TABLE



2-CH Mode					
CH1	Dimmer	000	-	255	0% to 100%
CH2	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	250	Strobe slow -> fast ca. 1Hz - 20Hz
		251	-	255	Strobe open

5-CH Mode					
CH1	Dimmer	000	-	255	Master Dimmer 0-100%
CH2	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	250	Strobe slow -> fast ca. 1Hz - 20Hz
		251	-	255	Strobe open
CH3	Effect Pattern (Pattern running only if Pattern Speed CH4 is on)	000	-	005	Off
		006	-	011	Effect 1 (Straight Line Fade left <> right)
		012	-	017	Effect 2 (Straight Line Fade left >)
		018	-	023	Effect 3 (Straight Line Fade up <> down)
		024	-	029	Effect 4 (Straight Line Fade up >)
		030	-	035	Effect 1-4 (Random Straight Line fade)
		036	-	041	Effect 5 (Cross CW)
		042	-	047	Effect 6 (Square 2Step in > out)
		048	-	053	Effect 7 2. step 2x 4-Lite Bilder
		054	-	059	Effect 8 (Clock - CW)
		060	-	065	Effect 9 (Ventilator - CW)
		066	-	071	Effect 10 (Arrow runs left >)
		072	-	077	Effect 11 (Arrow run > right)
		078	-	083	Effect 12 (Arrow runs down >)
		084	-	089	Effect 13 (Arrow runs > up)
		090	-	095	Effect 14 (Square infill in > out)
		096	-	101	Effect 15 (Round Line - CW)
		102	-	107	Effect 16 (Square 3step in > out)
		108	-	113	Effect 17 (diagonal Line Jump left <> right)
		114	-	119	Effect 18 (diagonal Line Jump left >)
		120	-	125	Effect 19 (diagonal Line Jump up <> down)
		126	-	131	Effect 20 (diagonal Line Jump up >)
		132	-	137	Effect 17-20 (Random diagonal Line Jump)
		138	-	143	Effect 21 (4Dots - CW)
		144	-	149	Effect 22 (Blackhole - CW)
		150	-	155	Effect 23 Snake
		156	-	161	Effect 24 Even/Odd
		162	-	167	Effect 25 Random Single Dots Jump
		168	-	173	Effect 26 Random Single Dots Fade
		174	-	179	Effect 27 Random Raindrop Jump
		180	-	185	Effect 28 Random Raindrop Fade
		186	-	191	Effect 29 (Line Jump left <> right)
		192	-	197	Effect 30 (Line Jump left >)
		198	-	203	Effect 31 ( Line Jump up <> down)
204	-	209	Effect 32 (Line Jump up >)		
210	-	215	Effect 29-32 (Random Line Jump)		
216	-	221	Effect 33 (Corner Fade left <> right)		
222	-	227	Effect 34 (Corner Fade left >)		

		228	-	233	Effect 35 (Corner Fade up <> down)
		234	-	239	Effect 36 (Corner Fade up >)
		240	-	245	Effect 33-36 (Random Corner Fade)
		246	-	251	Effect 37 Random All Shows
		252	-	255	All LED's on
CH4	Pattern Speed	000	-	005	Effect Pattern Speed Stop
		006	-	047	Effect Pattern Pos. (0°,45°,90°135°,180°,225°,270°,315°)
		048	-	089	Effect Pattern Speed Stop
		090	-	131	Effect Pattern Speed, slow > fast, forward
		132	-	173	Effect Pattern Speed, fast > slow, backward
		174	-	215	Effect Pattern Speed Stop
		216	-	255	Sound Trigger Speed Low > High
CH5	Invert / Swap Effect Pattern	000	-	005	off
		006	-	084	Invert
		085	-	163	Swap
		164	-	255	Swap / Invert

10-CH Mode					
CH1	Dimmer	000	-	255	Master Dimmer 0-100%
CH2	Dimmer Fine (16bit)	000	-	255	Dimmer Fine 0-100%
CH3	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Puls Random, slow -> fast
		034	-	056	Ramp up Random, slow -> fast
		057	-	079	Ramp down Random, slow -> fast
		080	-	102	Random Strobe Effect, slow fast
		103	-	127	Strobe Break Effekt, 5s.....1s ( Very Short Flash)
		128	-	250	Strobe slow -> fast ca. 1Hz - 20Hz
		251	-	255	Strobe open
CH4	Folder Selection	000	-	005	off
		006	-	055	Letters
		056	-	105	Numbers & Symbols / See DMX Table: 10-CH Mode: Numbers & Symbols
		106	-	155	Pattern 1 / See DMX Table: 10-CH Mode: Pattern 1
		156	-	205	Pattern 2 / See DMX Table: 10-CH Mode: Pattern 2
		206	-	255	Effect Pattern / See DMX Table: 10-CH Mode: Effect Pattern

CH5	Letters (Rotate with CH 6, Fade & Wake with Channel 7)	000	-	004	A
		005	-	009	B
		010	-	014	C
		015	-	019	D
		020	-	024	E
		025	-	029	F
		030	-	034	G
		035	-	039	H
		040	-	044	I
		045	-	049	J
		050	-	054	K
		055	-	059	L
		060	-	064	M
		065	-	069	N
		070	-	074	O
		075	-	079	P
		080	-	084	Q
		085	-	089	R
		090	-	094	S
		095	-	099	T
100	-	104	U		
105	-	109	V		
110	-	114	W		
115	-	119	X		
120	-	124	Y		
125	-	129	Z		
130	-	255	Empty		
CH6	Effect Pattern Speed	000	-	005	Effect Pattern Speed Stop
		006	-	047	Effect Pattern Pos. (0°,45°,90°135°,180°,225°,270°,315°)
		048	-	089	Effect Pattern Speed Stop
		090	-	131	Effect Pattern Speed, slow > fast, forward or cw
		132	-	173	Effect Pattern Speed, fast > slow, backward or ccw
		174	-	215	Effect Pattern Speed Stop
		216	-	255	Sound Trigger Speed Low > High
CH7	Pattern Transition (Transition between Pattern)	000	-	255	0s - 5s
CH8	Effect Pattern Fade/Wake	000	-	005	off
		006	-	127	Fade Effect Pattern less -> much
		128	-	255	Wake Effect Pattern less -> much
CH9	Invert / Swap Pattern	000	-	005	off
		006	-	084	Invert
		085	-	163	Swap
		164	-	255	Swap / Invert
CH10	Master Dimmer Invert	000	-	255	Invert Dimmer 0-100% (Switch active and inactive LED's)

**10-CH Mode: Numbers & Symbols**

CH5	Numbers & Symbols (Rotate with CH 6, Fade & Wake with Channel 7)	000	-	004	0
		005	-	009	1
		010	-	014	2
		015	-	019	3
		020	-	024	4
		025	-	029	5
		030	-	034	6
		035	-	039	7
		040	-	044	8
		045	-	049	9
		050	-	054	+
		055	-	059	-
		060	-	064	:
		065	-	069	%
		070	-	074	!
		075	-	079	?
		080	-	084	=
		085	-	089	<
		090	-	094	>
		095	-	099	^
		100	-	104	^ (rotated 180°)
		105	-	109	[
		110	-	114	]
		115	-	119	Arrow top
		120	-	124	Arrow right
		125	-	129	Arrow left
		130	-	134	Arrow bottom
		135	-	139	Arrow top left
		140	-	144	Arrow top right
		145	-	149	Arrow bottom left
150	-	154	Arrow bottom right		
155	-	159	All LEDs ON.		
160	-	255	Empty		

**10-CH Mode: Pattern 1**

CH5	Pattern 1 (Rotate with CH 6, Fade & Wake with Channel 7)	000	-	004	Even Dots (2,4,6...)
		005	-	009	Odd Dots (1,3,5...)
		010	-	014	Triangle Top (1-5,7-9,13)
		015	-	019	Triangle Bottom (21-25,17-19,13)
		020	-	024	Egg-Timer (1-5,7-9,13,17-19,21-25)
		025	-	029	1. Line horizontal (1-5)
		030	-	034	2. Line horizontal (6-10)
		035	-	039	3. Line horizontal (11-15)
		040	-	044	4. Line horizontal (16-20)
		045	-	049	5. Line horizontal (21-25)
		050	-	054	1. Line vertical (5,10,15,20,25)
		055	-	059	2. Line vertical (4,9,14,19,24)
		060	-	064	3. Line vertical (3,8,13,18,23)
		065	-	069	4. Line vertical (2,7,12,17,22)
		070	-	074	5. Line vertical (1,6,11,16,21)
		075	-	079	1.+ 5. Line horizontal
		080	-	084	2.+ 4. Line horizontal
		085	-	089	1. + 5. Line vertical
		090	-	094	2. + 4. Line vertical
		095	-	099	Center dot (13)
		100	-	104	Mid ring (7-9,12,14,-17-19)
		105	-	109	Outer ring (1-6,10,11,15,16,20,21-25)
		110	-	114	1. line left diagonal (1Dots) (25)
		115	-	119	2. line left diagonal (2 Dots) (24,20)
		120	-	124	3. line left diagonal (3 Dots) (23,19,15)
		125	-	129	4. line left diagonal (4 Dots) (22,18,14,10)
		130	-	134	5. line left diagonal (5 Dots) (21,17,13,9,5)
		135	-	139	6. line left diagonal (4 Dots) (16,12,8,4)
		140	-	144	7. line left diagonal (3 Dots) (11,7,3)
		145	-	149	8. line left diagonal (2 Dots) (6,2)
		150	-	154	9. line left diagonal (1 Dot) (1)
		155	-	159	1. line right diagonal (1 Dot) (21)
		160	-	164	2. line right diagonal (2 Dots) (22,16)
		165	-	169	3. line right diagonal (3 Dots) (23,17,11,)
170	-	174	4. line right diagonal (4 Dots) (24,18,12,6)		
175	-	179	5. line right diagonal (5 Dots) (25,19,13,7,1)		
180	-	184	6. line right diagonal (4 Dots) (20,14,8,2)		
185	-	189	7. line right diagonal (3 Dots) (15,9,3)		
190	-	194	8. line right diagonal (2 Dots) (10,4)		
195	-	199	9. line right diagonal (1 Dot) (5)		
200	-	204	1. 2 Lines right diagonal (10,4 + 22,16)		
205	-	209	2. 2 Lines right diagonal (15,9,3 + 23,17,11)		
210	-	214	3. 2 Lines right diagonal (24,18,12,6 + 20,14,8,2)		
215	-	219	Sqaure without corners outer ring (2-4/6,10,11,15,16,20,22-24)		

		220	-	224	Diamond (3,7-9,11-15,17-19,23)
		225	-	229	4 Dotws each corner (1,2,6,7 + 4,5,9,10 + 16,17,21,22 + 19,20,24,25)
		230	-	234	10-Lite Blinder (1,2,4-7,9-12,14-17,19-22,24,25)
		235	-	239	8-Lite Blinder (6,7,9-12,14-17,19-22,24,25)
		240	-	244	6-Lite Blinder (6,7,9-12,14-17,19,20)
		245	-	255	Empty

10-CH Mode: Pattern 2					
CH5	Pattern 2 (Rotate with CH 6, Fade & Wake with Channel 7)	000	-	004	Bow Tie (1,5-7,9-17,19-21,25)
		005	-	009	Two Dots 1+25
		010	-	014	Two Dots 2+24
		015	-	019	Two Dots 3+23
		020	-	024	Two Dots 4+22
		025	-	029	Two Dots 5+21
		030	-	034	Two Dots 10+16
		035	-	039	Two Dots 15+11
		040	-	044	Two Dots 20+6
		045	-	049	Two Dots 7+19
		050	-	054	Two Dots 8+18
		055	-	059	Two Dots 9+17
		060	-	064	Two Dots 12+14
		065	-	069	1. 4 Dots outer ring (1,5,21,25)
		070	-	074	2. 4 Dots outer ring (2,10,16,24)
		075	-	079	3. 4 Dots outer ring (3,15,11,23)
		080	-	084	4. 4 Dots outer ring (4,,20,6,22)
		085	-	089	1. 4 Dots inner ring (7,9,17,19)
		090	-	094	2. 4 Dots inner ring (8,12,14,18)
		095	-	099	1. Angle left top (1-6,11,16,21)
		100	-	104	2. Angle left top (7-10,12,17,22)
		105	-	109	3. Angle left top (13-15,18,23)
		110	-	114	4. Angle left top (19,20,24)
		115	-	119	1. Angle left Bottom (1,6,11,16,21-25)
		120	-	124	2. Angle left Bottom (2,7,12,17-20)
		125	-	129	3. Angle left Bottom (3,8,13-15)
		130	-	134	4. Angle left Bottom (4,9,10)
		135	-	139	1. Angle right Bottom (5,10,15,20-25)
		140	-	144	2. Angle right Bottom (4,9,14,16-19)
		145	-	149	3. Angle right Bottom (3,8,11-13)
150	-	154	4. Angle right Bottom (2,6,7)		
155	-	159	1. Angle right Top (1-5,10,15,20,25)		
160	-	164	2. Angle right Top (6-9,14,19,24)		
165	-	169	3. Angle right Top (11-13,18,23)		
170	-	174	4. Angle right Top (16,17,22)		
175	-	179	Dot 1		

CH5	Pattern 2 (Rotate with CH 6, Fade & Wake with Channel 7)	180	-	184	Dot 5
		185	-	189	Dot 21
		190	-	194	Dot 25
		195	-	199	1. Cross without center (1,5,7,9,17,19,21,25)
		200	-	204	2. Cross without center (3,8,11,12,14,15,18,23)
		205	-	209	1. Cross (1,5,7,9,13,17,19,21,25)
		210	-	214	2. Cross (3,8,11,12,13,14,15,18,23)
		215	-	255	Empty

10-CH Mode: Effect Pattern					
CH5	Effect Pattern (Running Speed with CH 6, Fade and Wake with Channel 7)	000	-	005	Off
		006	-	011	Effect 1 (Straight Line left <> right)
		012	-	017	Effect 2 (Straight Line left >)
		018	-	023	Effect 3 (Straight Line up <> down)
		024	-	029	Effect 4 (Straight Line up >)
		030	-	035	Effect 1-4 (Random Straight Line)
		036	-	041	Effect 5 (Cross CW)
		042	-	047	Effect 6 (Square 2Step in > out)
		048	-	053	Effect 7 2. step 2x 4-Lite Bilder
		054	-	059	Effect 8 (Clock - CW)
		060	-	065	Effect 9 (Ventilator - CW)
		066	-	071	Effect 10 (Arrow runs left >)
		072	-	077	Effect 11 (Arrow run > right)
		078	-	083	Effect 12 (Arrow runs down >)
		084	-	089	Effect 13 (Arrow runs > up)
		090	-	095	Effect 14 (Square infill in > out)
		096	-	101	Effect 15 (Round Line - CW)
		102	-	107	Effect 16 (Square 3step in > out)
		108	-	113	Effect 17 (diagonal Line left <> right)
		114	-	119	Effect 18 (diagonal Line left >)
		120	-	125	Effect 19 (diagonal Line up <> down)
		126	-	131	Effect 20 (diagonal Line up >)
		132	-	137	Effect 17-20 (Random diagonal Line)
		138	-	143	Effect 21 (4Dots - CW)
		144	-	149	Effect 22 (Blackhole - CW)
		150	-	155	Effect 23 Snake
		156	-	161	Effect 24 Even/Odd
		162	-	167	Effect 25 Random Single Dots Jump
		168	-	173	Effect 26 3 vert. Lines > 2 vert- Lines
		174	-	179	Effect 27 Random Raindrop Jump
		180	-	185	Effect 28 3 horiz. Lines > 2 horiz. Lines
186	-	191	Effect 29 (One Dot runs from 1-25)		
192	-	197	Effect 30 (One Dot runs 5>10>15>20>25>4>9...)		

**10-CH Mode: Effect Pattern**

CH5	Effect Pattern (Running Speed with CH 6, Fade and Wake with Channel 7)	198	-	203	Effect 31 (Cross inner > outer)
		204	-	209	Effect 32 (3 Dots Center row left>)
		210	-	215	Effect 33 (3 Dots Center row left<>right)
		216	-	221	Effect 34 (3 Dots Center row up>)
		222	-	227	Effect 35 (3 Dots Center row up<>down)
		228	-	233	Effect 36 2 diagonal Lines
		234	-	239	Effect 37 Random All Shows
		240	-	255	Empty

**28-CH Mode**

CH1	Dimmer	000	-	255	Master Dimmer 0-100%
CH2	Dimmer Fine (16Bit)	000	-	255	Dimmer Fine 0-100%
CH3	Strobe	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Puls Random, slow -> fast
		034	-	056	Ramp up Random, slow -> fast
		057	-	079	Ramp down Random, slow -> fast
		080	-	102	Random Strobe Effect, slow fast
		103	-	127	Strobe Break Effekt, 5s. ....1s (Very Short Flash)
		128	-	250	Strobe slow -> fast ca. 1Hz - 20Hz
		251	-	255	Strobe open
CH4	1. LED	000	-	255	0% to 100%
CH5	2. LED	000	-	255	0% to 100%
CH6	3. LED	000	-	255	0% to 100%
CH7	4. LED	000	-	255	0% to 100%
CH8	5. LED	000	-	255	0% to 100%
CH9	6. LED	000	-	255	0% to 100%
CH10	7. LED	000	-	255	0% to 100%
CH11	8. LED	000	-	255	0% to 100%
CH12	9. LED	000	-	255	0% to 100%
CH13	10. LED	000	-	255	0% to 100%
CH14	11. LED	000	-	255	0% to 100%
CH15	12. LED	000	-	255	0% to 100%
CH16	13. LED	000	-	255	0% to 100%
CH17	14. LED	000	-	255	0% to 100%
CH18	15. LED	000	-	255	0% to 100%
CH19	16. LED	000	-	255	0% to 100%
CH20	17. LED	000	-	255	0% to 100%
CH21	18. LED	000	-	255	0% to 100%
CH22	19. LED	000	-	255	0% to 100%
CH23	20. LED	000	-	255	0% to 100%
CH24	21. LED	000	-	255	0% to 100%



CH25	22. LED	000	-	255	0% to 100%
CH26	23. LED	000	-	255	0% to 100%
CH27	24. LED	000	-	255	0% to 100%
CH28	25. LED	000	-	255	0% to 100%