

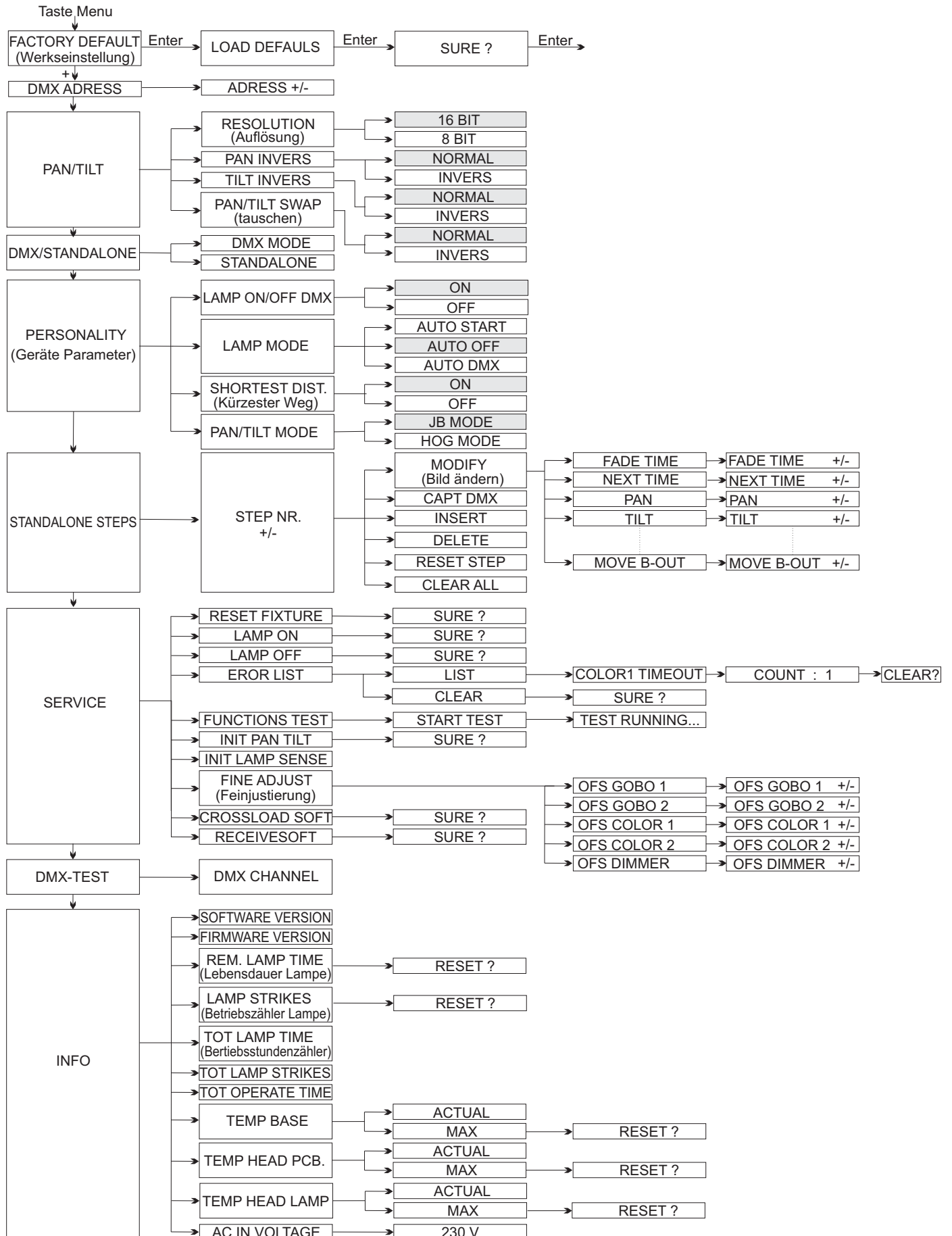


# **VARYSCAN** **7**

DMX Protokoll | DMX Chart

Version 1.6

# Menü-Übersicht



## Kanalbelegung

<b>JB MODE</b>	Kanal 5 Lampe, Reset	Kanal 15 Farbeffektrad
Kanal 1 Pan	Kanal 6 Shutter	Kanal 16 Nicht belegt
Kanal 2 Tilt	Kanal 7 Dimmer	Kanal 17 Prisma
Kanal 3 Pan fein	Kanal 8 Iris	Kanal 18 Prismarotation
Kanal 4 Tilt fein	Kanal 9 Fokus	Kanal 19 Frostfilter
<b>HOG MODE</b>	Kanal 10 Goborad 1	Kanal 20 Pan / Tilt Geschw.
Kanal 1 Pan	Kanal 11 Goborotation 1	Kanal 21 Effektgeschwindigkeit
Kanal 2 Pan fein	Kanal 12 Goborad 2	Kanal 22 Black Out Modus
Kanal 3 Tilt	Kanal 13 Goborotation 2	
Kanal 4 Tilt fein	Kanal 14 Farbrad	

### Aufteilung der einzelnen Kanäle

<b>JB MODE</b>	<b>HOG MODE</b>		
Kanal 1 Pan (X) Bewegung	Kanal 1 Pan (X) Bewegung	DMX 000-255	00-FF
Kanal 2 Tilt (Y) Bewegung	Kanal 2 Pan (X) fein	DMX 000-255	00-FF
Kanal 3 Pan (X) fein	Kanal 3 Tilt (Y) Bewegung	DMX 000-255	00-FF
Kanal 4 Tilt (Y) fein	Kanal 4 Tilt (Y) fein	DMX 000-255	00-FF
Kanal 5 Sicherheit		DMX 000-231	00-0F
Lampe aus (nach 3 Sekunden)		DMX 232-239	E8-EF
Reset (nach 1 Sekunde)		DMX 240-247	F0-F7
Lampe an		DMX 248-255	F8-FF
Kanal 6 Shutter zu		DMX 000-015	00-0F
Shutter auf		DMX 016-111	10-6F
Stroboskop-Effekt (langsam -> schnell)		DMX 112-125	70-7D
Shutter auf		DMX 126	7E
Shutter zu		DMX 127	7F
Shutter pulsierend öffnen (schnell -> langsam)		DMX 128-142	80-8E
Shutter auf		DMX 143	8F
Shutter pulsierend schließen (schnell -> langsam)		DMX 144-158	90-9E
Shutter zu		DMX 159	9F
Shutter fade 0% (langsam 4,8sec-schnell 0,6sec)		DMX 160-174	A0-AE
Shutter auf		DMX 175	AF
Shutter fade 100% (langsam 4,8sec-schnell 0,6sec)		DMX 176-190	B0-BE
Shutter zu		DMX 191	BF
Shutter Zufall 100% (langsam 4,8sec-schnell 0,6sec)		DMX 192-206	C0-CE
Shutter auf		DMX 207	CF
Shutter Zufall 0% (langsam 4,8sec-schnell 0,6sec)		DMX 208-222	D0-DE
Shutter zu		DMX 223	DF
S. Zufall fade 0% (langsam 4,8sec-schnell 0,6sec)		DMX 224-238	E0-EE
Shutter auf		DMX 239	EF
S. Zufall fade 100% (langsam 4,8sec-schnell 0,6sec)		DMX 240-254	F0-FE
Shutter auf		DMX 255	FF
Kanal 7 Dimmer 0-100%		DMX 000-255	00-FF
Kanal 8 Iris 0-100%		DMX 000-126	00-7E
Iris zu		DMX 127	7F
Iris Shuttereffekt länger auf		DMX 128-142	80-8E
Iris auf		DMX 143	8F
Iris Shuttereffekt länger zu		DMX 144-158	90-9E
Iris zu		DMX 159	9F

	Iris fade zu	(langsam 4,8sec-schnell 0,6sec)	DMX 160-174	A0-AE
	Iris auf		DMX 175	AF
	Iris fade auf	(langsam 4,8sec-schnell0,6sec)	DMX 176-190	B0-BE
	Iris zu		DMX 191	BF
	Iris Zufall öffnend	(langsam 4,8sec-schnell 0,6sec)	DMX 192-206	C0-CE
	Iris auf		DMX 207	CF
	Iris Zufall schließend	(langsam 4,8sec-schnell 0,6sec)	DMX 208-222	D0-DE
	Iris zu		DMX 223	DF
	Iris Zufall fade zu	(langsam 4,8sec-schnell 0,6sec)	DMX 224-238	E0-EE
	Iris auf		DMX 239	EF
	Iris Zufall fade auf	(langsam 4,8sec-schnell 0,6sec)	DMX 240-254	F0-FE
	Iris auf		DMX 255	FF
Kanal 9	Fokus 0-100%		DMX 000-255	00-FF
Kanal 10	Goborad 1 Durchgang		DMX 000-015	00-0F
	Gobo 1		DMX 016-031	10-1F
	Gobo 2		DMX 032-047	20-2F
	Gobo 3		DMX 048-063	30-3F
	Gobo 4		DMX 064-079	40-4F
	Goborad 1 Durchgang Swing		DMX 128-135	80-87
	Gobo 1 Swing		DMX 136-143	88-8F
	Gobo 2 Swing		DMX 144-151	90-97
	Gobo 3 Swing		DMX 152-159	98-9F
	Gobo 4 Swing		DMX 160-167	A0-A7
	Goboraddreh rechts	(schnell - langsam)	DMX 192-223	C0-DF
	Goboraddreh links	(langsam - schnell)	DMX 224-255	E0-FF
Kanal 11	Gobopositionierung		DMX 000-191	00-BF
	Goborotation rechts		DMX 192-222	C0-DE
	Goborotation Stop		DMX 223-224	DF-E0
	Goborotation links		DMX 225-255	E1-FF
Kanal 12	Goborad 2 Durchgang		DMX 000-015	00-0F
	Gobo 1		DMX 016-031	10-1F
	Gobo 2		DMX 032-047	20-2F
	Gobo 3		DMX 048-063	30-3F
	Gobo 4		DMX 064-079	40-4F
	Goborad 2 Durchgang Swing		DMX 128-135	80-87
	Gobo 1 Swing		DMX 136-143	88-8F
	Gobo 2 Swing		DMX 144-151	90-97
	Gobo 3 Swing		DMX 152-159	98-9F
	Gobo 4 Swing		DMX 160-167	A0-A7
	Goboraddreh rechts	(schnell - langsam)	DMX 192-223	C0-DF
	Goboraddreh links	(langsam - schnell)	DMX 224-255	E0-FF
Kanal 13	Gobopositionierung		DMX 000-191	00-BF
	Goborotation rechts		DMX 192-222	C0-DE
	Goborotation Stop		DMX 223-224	DF-E0
	Goborotation links		DMX 225-255	E1-FF
Kanal 14	Farbe 1 weiß		DMX 000-003	00-03
	Farbe 2 weiß/rot		DMX 004-007	04-07
	Farbe 3 rot		DMX 008-011	08-0B
	Farbe 4 rot/gelb		DMX 012-015	0C-0F
	Farbe 5 gelb		DMX 016-019	10-13
	Farbe 6 gelb/magenta		DMX 020-023	14-17
	Farbe 7 magenta		DMX 024-027	18-1B
	Farbe 8 magenta/grün		DMX 028-031	1C-1F

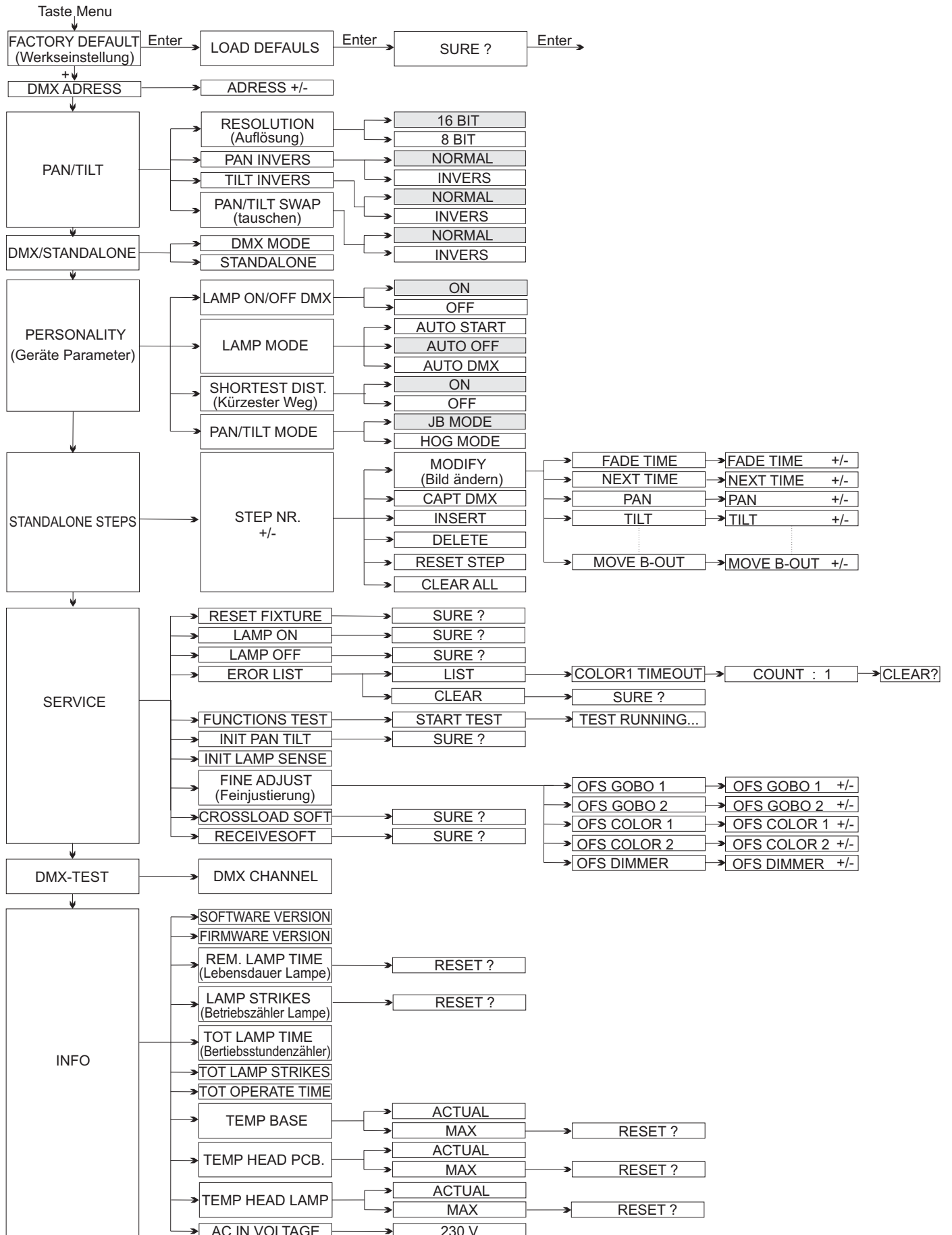
	Farbe 9 grün		DMX 032-035	20-23
	Farbe 10 grün/orange		DMX 036-039	24-27
	Farbe 11 orange		DMX 040-043	28-2B
	Farbe 12 orange/blau		DMX 044-047	2C-2F
	Farbe 13 blau		DMX 048-051	30-33
	Farbe 14 blau/türkis		DMX 052-055	34-37
	Farbe 15 türkis		DMX 056-059	38-3B
	Farbe 16 türkis/weiß		DMX 060-063	3C-3F
	Farben stufenlos positionieren		DMX 064-191	40-BF
	Farbraddreh rechts		DMX 192-222	C0-DE
	Farbraddreh Stop		DMX 223-224	DF-E0
	Farbraddreh links		DMX 225-255	E1-FF
Kanal 15	Durchgang		DMX 000-015	00-0F
	CTB Tageslichtfilter		DMX 016-031	10-1F
	CTO Kunstlichtfilter		DMX 032-047	20-2F
	Vierfarbfilter		DMX 048-063	30-3F
	UV-Filter		DMX 064-079	40-4F
	Pink		DMX 080-095	50-5F
	Cyan		DMX 096-111	60-6F
	Kombinierter Modus zur Farbsteuerung mit Farbrad		DMX 128-255	80-FF
Kanal 16	nicht belegt			
Kanal 17	Prisma ausgeklappt		DMX 000-015	00-0F
	Prisma eingeklappt		DMX 016-031	10-7F
	Prisma Swing		DMX 128-135	80-87
Kanal 18	Prismapositionierung		DMX 000-191	00-BF
	Prismarotation rechts	(langsam-schnell)	DMX 192-222	C0-DE
	Prismarotation Stop		DMX 223-224	DF-E0
	Prismarotation links	(langsam-schnell)	DMX 225-255	E1-FF
Kanal 19	Frost 0-100%		DMX 000-126	00-7E
	Frost 100%		DMX 127	7F
	Shuttereffekt länger Frost 100% (schnell-langsam)		DMX 128-142	80-8E
	Frost 0%		DMX 143	8F
	Shuttereffekt länger Frost 0% (schnell-langsam)		DMX 144-158	90-9E
	Frost 100%		DMX 159	9F
	Frost fade in	(langsam-schnell)	DMX 160-174	A0-AE
	Frost 0%		DMX 175	AF
	Frost fade out	(langsam-schnell)	DMX 176-190	B0-BE
	Frost 100%		DMX 191	BF
	Frost Zufall öffnend	(langsam-schnell)	DMX 192-206	C0-CE
	Frost 0%		DMX 207	CF
	Frost Zufall schließend	(langsam-schnell)	DMX 208-222	D0-DE
	Frost 100%		DMX 223	DF
	Frost Zufall fade in	(langsam-schnell)	DMX 224-238	E0-EE
	Frost 0%		DMX 239	EF
	Frost Zufall fade out	(langsam-schnell)	DMX 240-254	F0-FE
	Frost 100%		DMX 255	FF
Kanal 20	Bewegung in Echtzeit		DMX 000-003	00-03
	Bewegung Zeit verzögert	(langsam-schnell)	DMX 004-255	04-FF
Kanal 21	Effekte in Echtzeit		DMX 000-003	00-03
	Effekte Zeit verzögert	(langsam-schnell)	DMX 004-255	04-FF

Kanal 22	Keine Funktion	DMX 000-095	00-50
	Dimmer schließt bei Pan-Tilt	DMX 096-127	60-7F
	Dimmer schließt bei Gobo, Farbe, Prisma	DMX 128-159	80-9F
	Dimmer schließt bei Gobo, Farbe, Prisma, Fokus	DMX 160-191	A0-BF
	Dimmer schließt bei Gobo, Farbe, Prisma, Pan-Tilt	DMX 192-223	C0-DF
	Dimmer schließt bei Gobo, Farbe, Prisma, Fok., Pan-Tilt	DMX 224-255	C0-EF

Die Fadezeit beim Dimmer ist einstellbar von langsam 5sec-max

# English

# Menu navigation





## DMX Protocol

### JB MODE

Kanal 1 Pan  
 Kanal 2 Tilt  
 Kanal 3 Pan fein  
 Kanal 4 Tilt fein

### HOG MODE

Kanal 1 Pan  
 Kanal 2 Pan fein  
 Kanal 3 Tilt  
 Kanal 4 Tilt fein

Channel 5 lamp, reset  
 Channel 6 shutter  
 Channel 7 intensity  
 Channel 8 iris  
 Channel 9 fokus  
 Channel 10 gobo wheel no.1  
 Channel 11 gobo rotation no.1  
 Channel 12 gobo wheel no.2  
 Channel 13 gobo rotation no.2  
 Channel 14 colour wheel

Channel 15 colour effect wheel  
 Channel 16 not occupied  
 Channel 17 prism  
 Channel 18 prism rotation  
 Channel 19 frost filter  
 Channel 20 pan / tilt speed  
 Channel 21 effect speed  
 Channel 22 blink mode

### Channel allocation

#### JB MODE

Channel 1 Pan  
 Channel 2 Tilt  
 Channel 3 Pan fine  
 Channel 4 Tilt fine  
 Channel 5 safe

lamp off (after 3 seconds)  
 reset (after 1 second)  
 lamp on

Channel 6 shutter closed  
 shutter open  
 periodic strobe (slow to fast)  
 shutter open  
 shutter closed  
 periodic pulse opening (0,0875sec-0,5sec)  
 shutter open  
 periodic pulse closing (0,0875sec-0,5sec)  
 Shutter closed  
 periodic snap open/ramp shut (slow to fast)  
 shutter open  
 periodic ramp open/snap shut (slow to fast)  
 shutter closed  
 random opening pulse (slow to fast)  
 shutter open  
 random closing pulse (slow to fast)  
 shutter closed  
 random snap open/ramp shut (slow to fast)  
 shutter open  
 random ramp open/snap shut (slow to fast)  
 shutter open

Channel 7 dimmer 0-100%

Channel 8 iris 0-100%  
 iris closed  
 iris periodic opening pulse  
 iris open  
 iris periodic closing pulse  
 iris closed

#### HOG MODE

Kanal 1 Pan  
 Kanal 2 Pan fine  
 Kanal 3 Tilt  
 Kanal 4 Tilt fine

DMX 000-255	00-FF
DMX 000-255	00-FF
DMX 000-255	00-FF
DMX 000-255	00-FF
DMX 000-231	00-0F
DMX 232-239	E8-EF
DMX 240-247	F0-F7
DMX 248-255	F8-FF
DMX 000-015	00-0F
DMX 016-111	10-6F
DMX 112-125	70-7D
DMX 126	7E
DMX 127	7F
DMX 128-142	80-8E
DMX 143	8F
DMX 144-158	90-9E
DMX 159	9F
DMX 160-174	A0-AE
DMX 175	AF
DMX 176-190	B0-BE
DMX 191	BF
DMX 192-206	C0-CE
DMX 207	CF
DMX 208-222	D0-DE
DMX 223	DF
DMX 224-238	E0-EE
DMX 239	EF
DMX 240-254	F0-FE
DMX 255	FF
DMX 000-255	00-FF
DMX 000-126	00-7E
DMX 127	7F
DMX 128-142	80-8E
DMX 143	8F
DMX 144-158	90-9E
DMX 159	9F

	iris periodic snap open/ramp shut (slow to fast)	DMX 160-174	A0-AE
	iris open	DMX 175	AF
	iris periodic ramp open/snap shut (slow to fast)	DMX 176-190	B0-BE
	iris closed	DMX 191	BF
	iris random opening pulse (slow to fast)	DMX 192-206	C0-CE
	iris open	DMX 207	CF
	iris random closing pulse (slow to fast)	DMX 208-222	D0-DE
	iris closed	DMX 223	DF
	iris random snap open/ramp shut (slow to fast)	DMX 224-238	E0-EE
	iris open	DMX 239	EF
	iris random ramp open/snap shut (slow to fast)	DMX 240-254	F0-FE
	iris open	DMX 255	FF
Channel 9	focus 0-100%	DMX 000-255	00-FF
Channel 10	gobo wheel no. 1 open	DMX 000-015	00-0F
	gobo no. 1	DMX 016-031	10-1F
	gobo no. 2	DMX 032-047	20-2F
	gobo no. 3	DMX 048-063	30-3F
	gobo no. 4	DMX 064-079	40-4F
	gobo wheel open shake	DMX 128-135	80-87
	gobo no. 1 shake	DMX 136-143	88-8F
	gobo no. 2 shake	DMX 144-151	90-97
	gobo no. 3 shake	DMX 152-159	98-9F
	gobo no. 4 shake	DMX 160-167	A0-A7
	gobo wheel spin clockwise (fast to slow)	DMX 192-223	C0-DF
	gobo wheel spin anti clockwise (slow to fast)	DMX 224-255	E0-FF
Channel 11	gobo positioning	DMX 000-191	00-BF
	gobo rotation forward	DMX 192-222	C0-DE
	gobo rotation stop	DMX 223-224	DF-E0
	gobo rotation reverse	DMX 225-255	E1-FF
Channel 12	gobo wheel no. 2 open	DMX 000-015	00-0F
	gobo no. 1	DMX 016-031	10-1F
	gobo no. 2	DMX 032-047	20-2F
	gobo no. 3	DMX 048-063	30-3F
	gobo no. 4	DMX 064-079	40-4F
	gobo wheel no. 2 open shake	DMX 128-135	80-87
	gobo no. 1 shake	DMX 136-143	88-8F
	gobo no. 2 shake	DMX 144-151	90-97
	gobo no. 3 shake	DMX 152-159	98-9F
	gobo no. 4 shake	DMX 160-167	A0-A7
	gobo wheel spin clockwise (fast to slow)	DMX 192-223	C0-DF
	gobo wheel spin anti clockwise (slow to fast)	DMX 224-255	E0-FF
Channel 13	gobo positioning	DMX 000-191	00-BF
	gobo rotation forward	DMX 192-222	C0-DE
	gobo rotation stop	DMX 223-224	DF-E0
	gobo rotation reverse	DMX 225-255	E1-FF
Channel 14	colour no. 1 white	DMX 000-003	00-03
	colour no. 2 white/red	DMX 004-007	04-07
	colour no. 3 red	DMX 008-011	08-0B
	colour no. 4 red/yellow	DMX 012-015	0C-0F
	colour no. 5 yellow	DMX 016-019	10-13
	colour no. 6 yellow/magenta	DMX 020-023	14-17
	colour no. 7 magenta	DMX 024-027	18-1B
	colour no. 8 magenta/green	DMX 028-031	1C-1F

	colour no. 9 green	DMX 032-035	20-23
	colour no. 10 green/orange	DMX 036-039	24-27
	colour no. 11 orange	DMX 040-043	28-2B
	colour no. 12 orange/blue	DMX 044-047	2C-2F
	colour no. 13 blue	DMX 048-051	30-33
	colour no. 14 blue/cyan	DMX 052-055	34-37
	colour no. 15 cyan	DMX 056-059	38-3B
	colour no. 16 cyan/white	DMX 060-063	3C-3F
	colour positioning	DMX 064-191	40-BF
	colourwheel rotation clockwise	DMX 192-222	C0-DE
	colourwheel rotation stop	DMX 223-224	DF-E0
	colourwheel rotation anti clockwise	DMX 225-255	E1-FF
Channel 15	open	DMX 000-015	00-0F
	CTB filter	DMX 016-031	10-1F
	CTO filter	DMX 032-047	20-2F
	4-colour filter	DMX 048-063	30-3F
	UV-Filter	DMX 064-079	40-4F
	pink	DMX 080-095	50-5F
	cyan	DMX 096-111	60-6F
	Colour macros in combination with colour wheel no.	DMX 128-255	80-FF
Channel 16	not occupied		
Channel 17	open	DMX 000-015	00-0F
	Prism	DMX 016-031	10-7F
	Prism shake	DMX 128-135	80-87
Channel 18	Prism positioning	DMX 000-191	00-BF
	Prism rotation clockwise (slow to fast)	DMX 192-222	C0-DE
	Prism rotation stop	DMX 223-224	DF-E0
	Prism rotation anti clockwise (slow to fast)	DMX 225-255	E1-FF
Channel 19	frost 0-100%	DMX 000-126	00-7E
	frost 100%	DMX 127	7F
	frost periodic opening pulse (fast to slow)	DMX 128-142	80-8E
	frost 0%	DMX 143	8F
	periodic closing pulse (fast to slow)	DMX 144-158	90-9E
	frost 100%	DMX 159	9F
	frost periodic ramp in/snap out (slow to fast)	DMX 160-174	A0-AE
	frost 0%	DMX 175	AF
	frost periodic snap in/ramp out (slow to fast)	DMX 176-190	B0-BE
	frost 100%	DMX 191	BF
	frost random opening pulse (slow to fast)	DMX 192-206	C0-CE
	frost 0%	DMX 207	CF
	frost random closing pulse (slow to fast)	DMX 208-222	D0-DE
	frost 100%	DMX 223	DF
	frost random ramp in/snap out (slow to fast)	DMX 224-238	E0-EE
	frost 0%	DMX 239	EF
	frost random snap in/ramp out (slow to fast)	DMX 240-254	F0-FE
	frost 100%	DMX 255	FF
Channel 20	pan/tilt moves in realtime	DMX 000-003	00-03
	pan/tilt moves delayed (slow to fast)	DMX 004-255	04-FF
Channel 21	effects in realtime	DMX 000-003	00-03
	effects delayed (slow to fast)	DMX 004-255	04-FF

Channel 22 no function	DMX 000-095	00-50
fade to zero during pan and tilt moves	DMX 096-127	60-7F
fade to zero during gobo, colour or , prism changes	DMX 128-159	80-9F
fade to zero during gobo, colour or prism, focus changes	DMX 160-191	A0-BF
fade to zero during gobo, colour or prism, changes and pan/tilt moves	DMX 192-223	C0-DF
fade to zero during gobo, colour or prism, focus changes and pan/tilt moves	DMX 224-255	C0-EF

The fade-in/fade-out time can be adjusted from slow 5sec. to max.



JB-lighting Lichtenlagentechnik GmbH  
Sallersteig 15  
D-89134 Blaustein  
Tel. +49 7304 9617-0  
Fax +49 7304 9617-99  
info@jb-lighting.de  
www.jb-lighting.de

**JB LIGHTING**