

# EXPOLITE

## TourBeam 150 Mini



## *User Manual*

**Art.No.:led21315**

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# **1 Introduction**

## **1.1 Spezifications**

### **Art. No.:**

led21315

### **Delivery**

ExpoLite TourBeam 150 Mini

Powercord

Omega-Bracket

### **Voltage**

90-260VAC, 50/60Hz

210 Watt

Fuse F 4A

General informations for ExpoLite units

### **Optional accessories**

Safety 60cm/5mm

Art.No.: sic62114

### **Connectors**

Powercon in/out

XLR 3-Pin in/out

PowerCon 5m Extention

Art.No.: kab44805

### **Control**

DMX 512

Auto Program

Music control

PowerCon 3m Extention

Art.No.: kab44800

ExpoTruss Quick Selflock Clamp, black

Art.No.: jam62054

### **Optic**

1x LED 150W White

Beamangle 2°

### **Specials**

Move in Black

Change Color in Black

### **Environment**

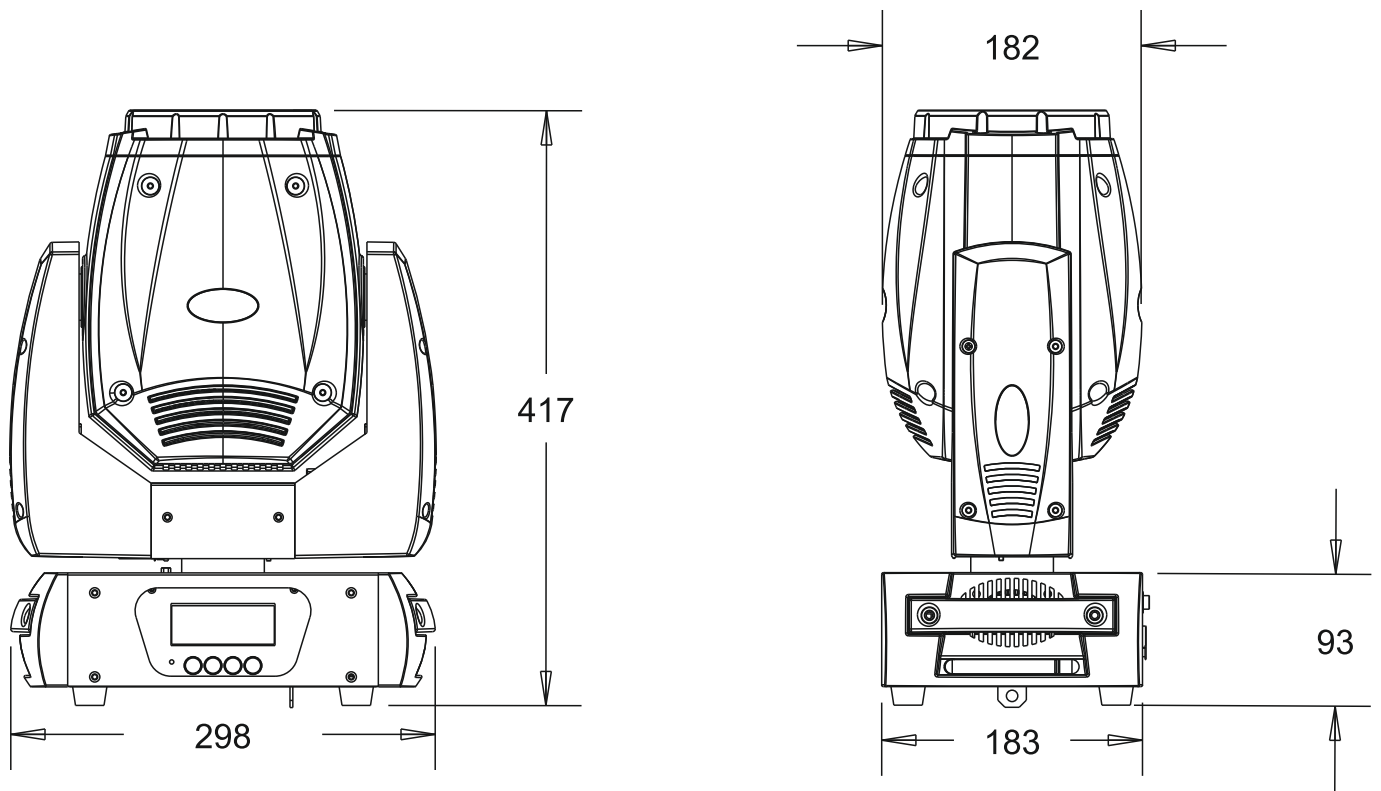
0°C- 45°C

IP20

## Dimensions

298x183x417mm (BxLxH)

18,0kg



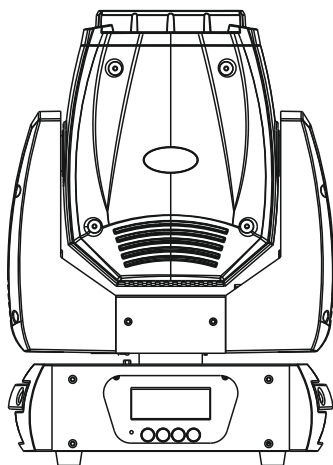
## 1.2 Safety informationen

For safety information please read the document „General information for ExpoLite units“.

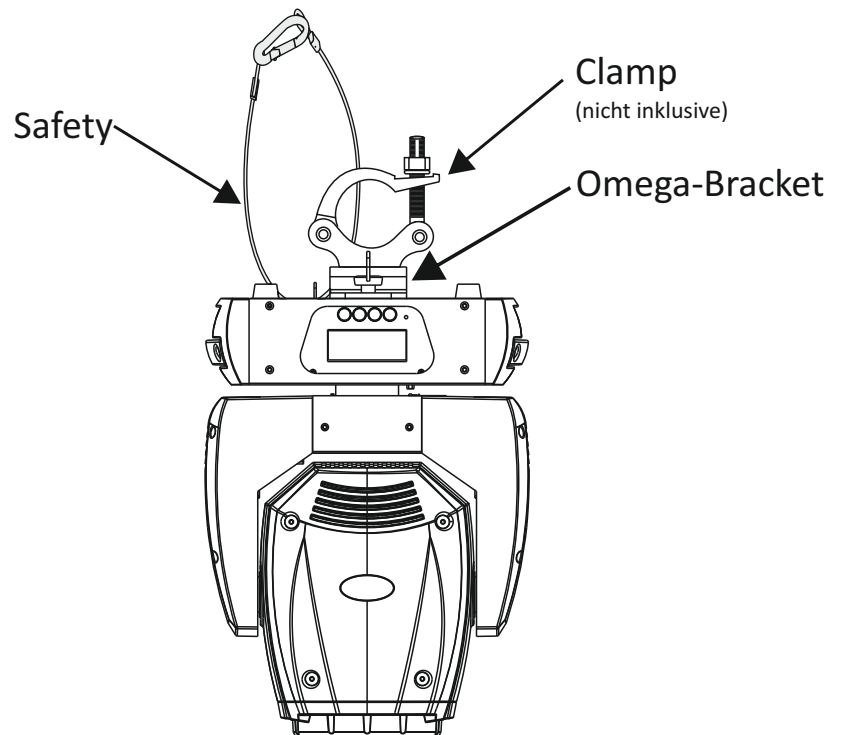
## 2 Installation

### 2.1 Mounting

This unit can be mounted in any position.  
Use the included Omega-Brackets for hanging installation.  
All common clamps can be mounted to it.  
This unit must be secured from falling down according to the current regulations.



upright



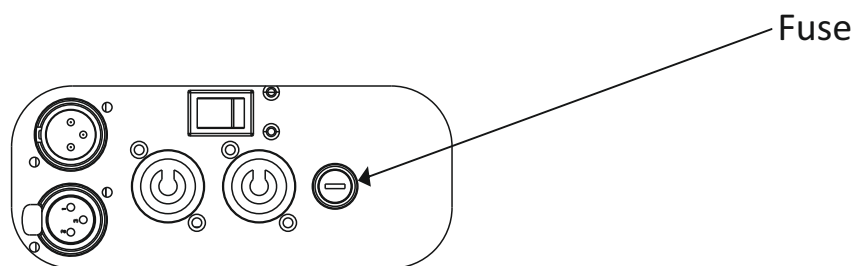
hanging

## 2.2 Replace fuse

**Attention! Electrical maintenance must be done by qualified person.**

To replace the fuse (F 4A) remove the fuse cover. Use a matching screwdriver.  
Pull out the fuse and replace it.

Put the fuse cover back on.



## 2.3 Connection

At 240V mains: maximal 17 units daisy-chain.

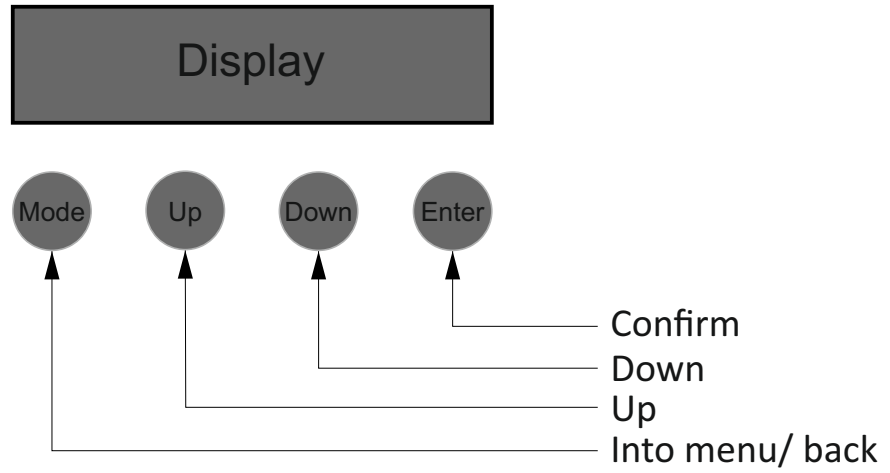
At 120V mains: maximal 8 units daisy-chain.

**Attention:**

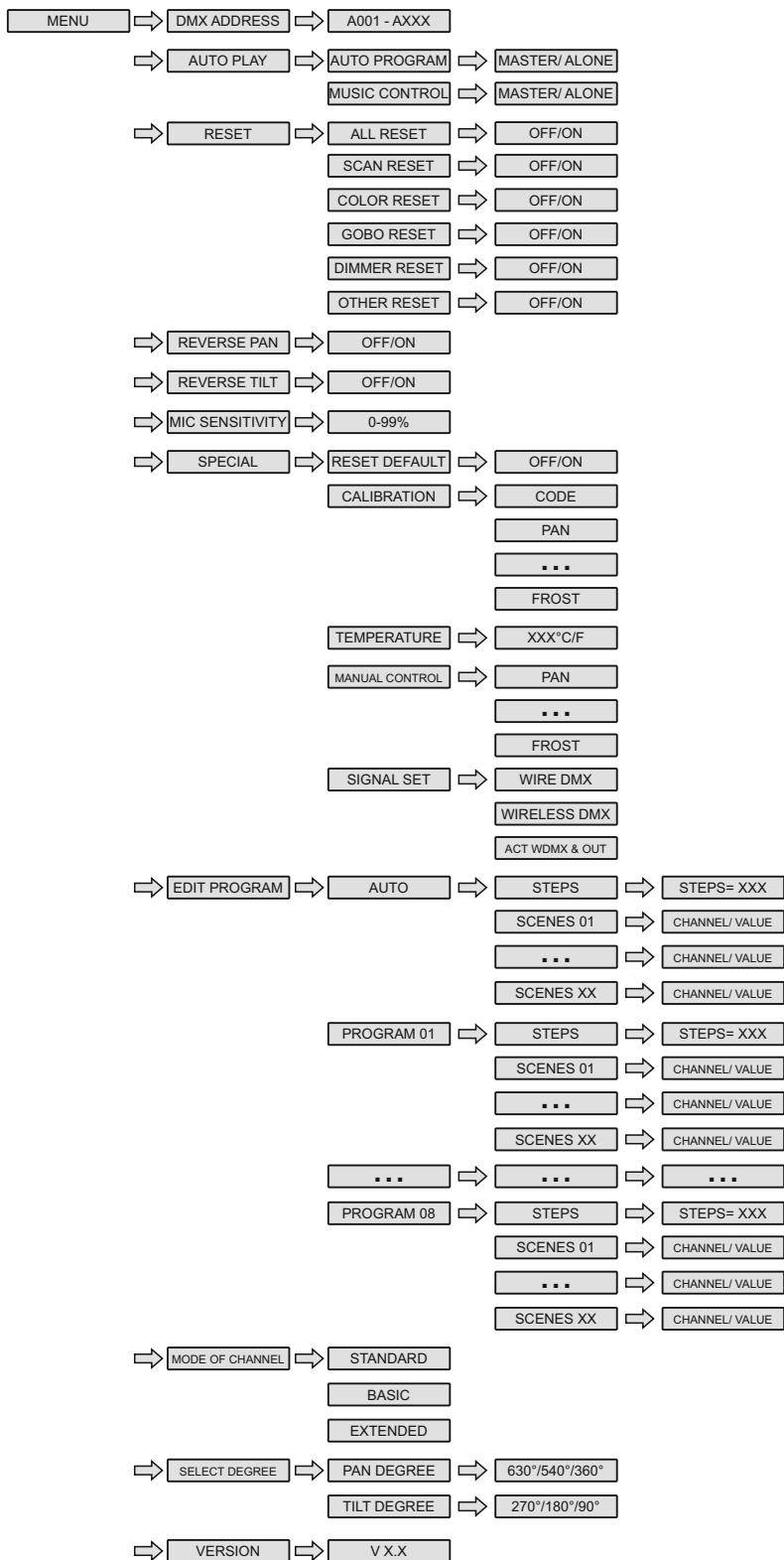
**If the signal cable is longer than 60m, a signal booster is required.**

# 3 Menu

## 3.1 Controlpanel



# 3.2 Menu



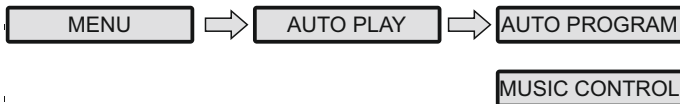


### **3.3 DMX Address**



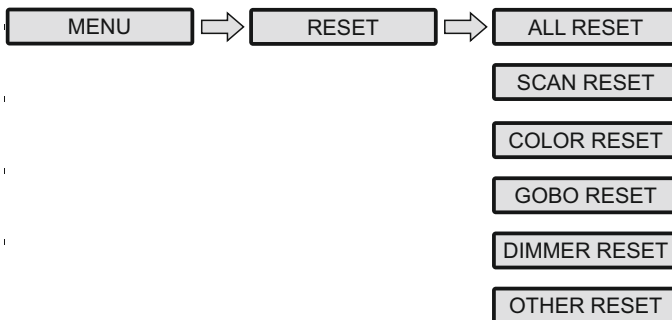
In this menu the DMX-Address can be set.

### **3.4 Person**



Different DMX- profiles can be selected here.

### **3.5 Reset**



Various resets can be selectet here.

### **3.6 Reverse Pan**



Pan-invert can be activated or deactivated.

### **3.7 Reverse Tilt**



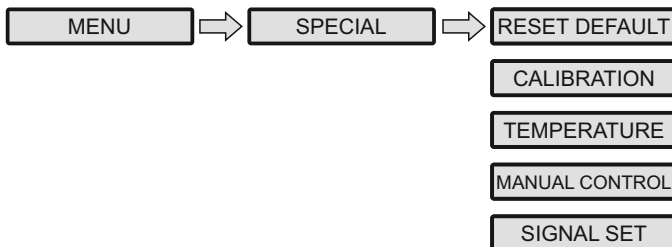
Tilt-invert can be activated or deactivated.

### **3.8 Mic Sensitivity**



The sensitivity of the microphone can be adjust here.

### **3.9 Special**



#### **Reset default**

Set unit to factory default.

#### **Calibration**

Different functions can be calibrated here.

#### **Temperature**

Shows unit temperature.

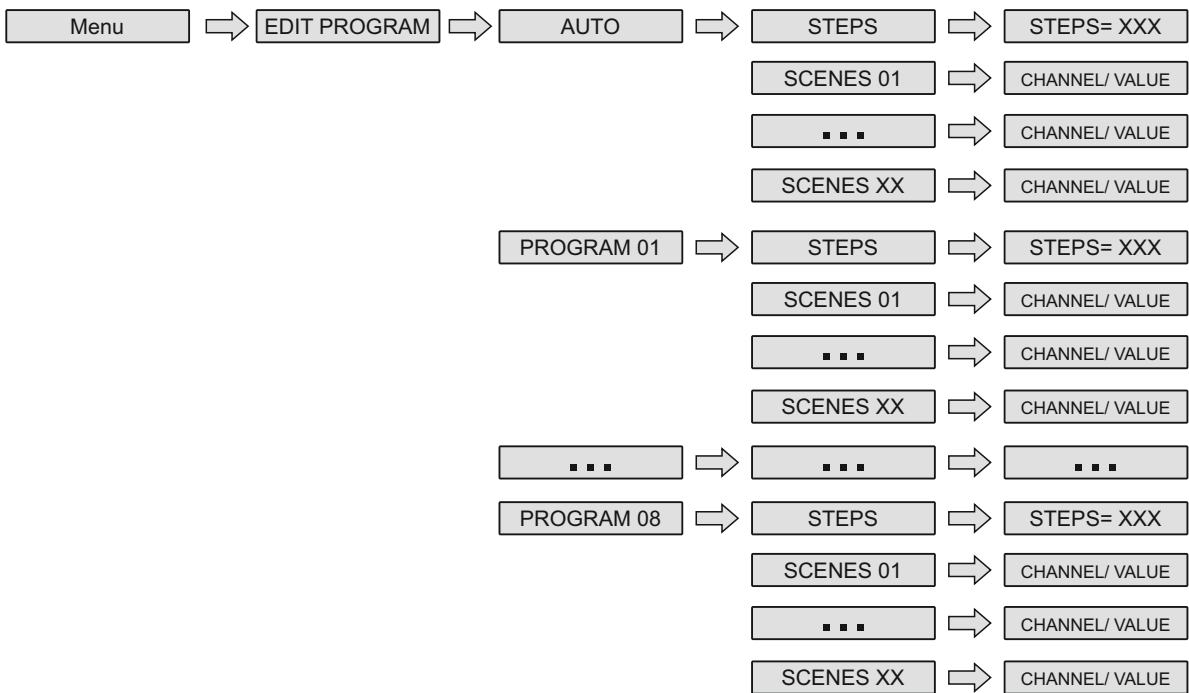
#### **Manual Control**

Functions can be controlled manually here.

## Signal Set

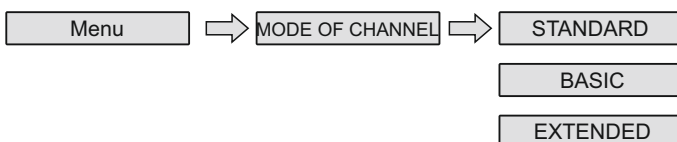
Verschiedene Steuerungssignale können hier eingestellt werden.

### 3.10 Edit Program



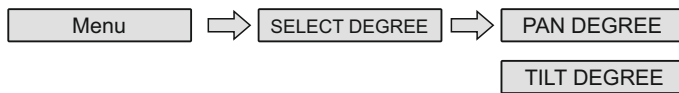
Hier können die Abläufe für die internen Programme editiert werden.

### 3.11 Mode of Channel



Verschiedene DMX-Modis können hier eingestellt werden.

## **3.12 Select Degree**



Verschiedene Aktionsradien der Pan- und Tiltbewegung können eingestellt werden.

## **3.13 Version**



Zeigt die Firmware Version an.

# 4 Kanalbelegung

## 4.1 Standard

DMX Kanal	Wert	Funktion
1	0 - 255	PAN
2	0 - 255	PAN FINE
3	0 - 255	TILT
4	0 - 255	TILT FINE
5	000 - 007 008 - 015 016 - 023 024 - 031 032 - 039 040 - 047 048 - 055 056 - 063 064 - 071 072 - 079 080 - 087 088 - 095 096 - 103 104 - 111 112 - 127 128 - 189 190 - 193 194 - 255	<b>COLOR</b> OPEN/ WHITE COLOR 1 COLOR 2 COLOR 3 COLOR 4 COLOR 5 COLOR 6 COLOR 7 COLOR 8 COLOR 9 COLOR 10 COLOR 11 COLOR 12 COLOR 13 COLOR 14 FORWARDS RAINBOW (SLOW TO FAST) COLOR ROTATION STOP BACKWARDS RAINBOW (SLOW TO FAST)

DMX Kanal	Wert	Funktion
<b>6</b>	000 - 004 005 - 009 010 - 014 015 - 019 020 - 024 025 - 029 030 - 034 035 - 039 040 - 044 045 - 049 050 - 054 055 - 059 060 - 064 065 - 069 070 - 074 075 - 079 080 - 084 085 - 089 090 - 097 098 - 105 106 - 113 114 - 121 122 - 129 130 - 137 138 - 145 146 - 153 154 - 161 162 - 169 170 - 177 178 - 185 186 - 193 194 - 201 202 - 209 210 - 217 218 - 225 226 - 255	<b>GOBO</b> OPEN GOBO 1 GOBO 2 GOBO 3 GOBO 4 GOBO 5 GOBO 6 GOBO 7 GOBO 8 GOBO 9 GOBO 10 GOBO 11 GOBO 12 GOBO 13 GOBO 14 GOBO 15 GOBO 16 GOBO 17 GOBO 1 SHAKE (SLOW TO FAST) GOBO 2 SHAKE (SLOW TO FAST) GOBO 3 SHAKE (SLOW TO FAST) GOBO 4 SHAKE (SLOW TO FAST) GOBO 5 SHAKE (SLOW TO FAST) GOBO 6 SHAKE (SLOW TO FAST) GOBO 7 SHAKE (SLOW TO FAST) GOBO 8 SHAKE (SLOW TO FAST) GOBO 9 SHAKE (SLOW TO FAST) GOBO 10 SHAKE (SLOW TO FAST) GOBO 11 SHAKE (SLOW TO FAST) GOBO 12 SHAKE (SLOW TO FAST) GOBO 13 SHAKE (SLOW TO FAST) GOBO 14 SHAKE (SLOW TO FAST) GOBO 15 SHAKE (SLOW TO FAST) GOBO 16 SHAKE (SLOW TO FAST) GOBO 17 SHAKE (SLOW TO FAST) ROTATE GOBO WHEEL (SLOW TO FAS)
<b>7</b>	000 - 031 032 - 063 064 - 095 096 - 127 128 - 159 160 - 191 192 - 223 224 - 255	<b>SHUTTER</b> SHUTTER CLOSED SHUTTER OPEN STROBE EFFECT (SLOW TO FAST) SHUTTER OPEN PULSE-EFFECT (SLOW TO FAST) SHUTTER OPEN RANDOM STROBE (SLOW TO FAS) SHUTTER OPEN

<b>DMX Kanal</b>	<b>Wert</b>	<b>Funktion</b>
<b>8</b>	0 - 255	<b>DIMMER 0% - 100%</b>
<b>9</b>	0 - 255	<b>FOCUS</b>
<b>10</b>	000 - 005 006 - 127 128 - 189 190 - 193 194 - 255	<b>PRISMA</b> OFF ON FORWARDS ROTATION (SLOW TO FAST) ROTATION STOP BACKWARDS ROTATION (SLOW TO FAST)
<b>11</b>	000 - 199 200 - 255	<b>FROST</b> FROST OUT FROST IN
<b>12</b>	000 - 225 226 - 235 236 - 245 246 - 255	<b>PAN/TILT SPEED</b> SPEED (MAX TO MIN) BLACKOUT BY MOVEMENT BLACKOUT BY ALL WHEEL CHANGING NO FUNCTION
<b>13</b>	000 - 079 080 - 084 085 - 087 088 - 090 091 - 093 094 - 096 097 - 099 100 - 119 120 - 139 140 - 159 160 - 179 180 - 199 200 - 219 220 - 239 240 - 255	<b>SPECIAL FUNCTION</b> NO FUNCTION ALL MOTOR RESET SCAN MOTOR RESET COLOR MOTOR RESET GOBO MOTOR RESET SHUTTER/ DIMMER MOTOR RESET OTHER MOTOR RESET INTERNAL PROGRAM 1 INTERNAL PROGRAM 2 INTERNAL PROGRAM 3 INTERNAL PROGRAM 4 INTERNAL PROGRAM 5 INTERNAL PROGRAM 6 INTERNAL PROGRAM 7 INTERNAL SOUND PROGRAMM

## 4.2 Basic

DMX Kanal	Wert	Funktion
<b>1</b>	000 - 255	<b>PAN</b>
<b>2</b>	000 - 255	<b>TILT</b>
<b>3</b>	000 - 007 008 - 015 016 - 023 024 - 031 032 - 039 404 - 047 048 - 055 056 - 063 064 - 071 072 - 079 080 - 087 088 - 095 096 - 103 104 - 111 112 - 127 128 - 189 190 - 193 194 - 255	<b>COLOR</b> OPEN/ WHITE COLOR 1 COLOR 2 COLOR 3 COLOR 4 COLOR 5 COLOR 6 COLOR 7 COLOR 8 COLOR 9 COLOR 10 COLOR 11 COLOR 12 COLOR 13 COLOR 14 FORWARDS RAINBOW (SLOW TO FAST) COLOR ROTATION STOP BACKWARDS RAINBOW (SLOW TO FAST)



DMX Kanal	Wert	Funktion
4	000 - 004	<b>GOBO</b> OPEN
	005 - 009	GOBO 1
	010 - 014	GOBO 2
	015 - 019	GOBO 3
	020 - 024	GOBO 4
	025 - 029	GOBO 5
	030 - 034	GOBO 6
	035 - 039	GOBO 7
	040 - 044	GOBO 8
	045 - 049	GOBO 9
	050 - 054	GOBO 10
	055 - 059	GOBO 11
	060 - 064	GOBO 12
	065 - 069	GOBO 13
	070 - 074	GOBO 14
	075 - 079	GOBO 15
	080 - 084	GOBO 16
	085 - 089	GOBO 17
	090 - 097	GOBO 1 SHAKE (SLOW TO FAST)
	098 - 105	GOBO 2 SHAKE (SLOW TO FAST)
	106 - 113	GOBO 3 SHAKE (SLOW TO FAST)
	114 - 121	GOBO 4 SHAKE (SLOW TO FAST)
	122 - 129	GOBO 5 SHAKE (SLOW TO FAST)
	130 - 137	GOBO 6 SHAKE (SLOW TO FAST)
	138 - 145	GOBO 7 SHAKE (SLOW TO FAST)
	146 - 153	GOBO 8 SHAKE (SLOW TO FAST)
	154 - 161	GOBO 9 SHAKE (SLOW TO FAST)
	162 - 169	GOBO 10 SHAKE (SLOW TO FAST)
	170 - 177	GOBO 11 SHAKE (SLOW TO FAST)
	178 - 185	GOBO 12 SHAKE (SLOW TO FAST)
	186 - 193	GOBO 13 SHAKE (SLOW TO FAST)
	194 - 201	GOBO 14 SHAKE (SLOW TO FAST)
202 - 209	GOBO 15 SHAKE (SLOW TO FAST)	
210 - 217	GOBO 16 SHAKE (SLOW TO FAST)	
218 - 225	GOBO 17 SHAKE (SLOW TO FAST)	
226 - 255	ROTATE GOBO WHEEL (SLOW TO FAS)	
5	000 - 031	<b>SHUTTER</b> SHUTTER CLOSED
	032 - 063	SHUTTER OPEN
	064 - 095	STROBE EFFECT (SLOW TO FAST)
	096 - 127	SHUTTER OPEN
	128 - 159	PULSE-EFFECT (SLOW TO FAST)
	160 - 191	SHUTTER OPEN
	192 - 223	RANDOM STROBE (SLOW TO FAS)
	224 - 255	SHUTTER OPEN

<b>DMX Kanal</b>	<b>Wert</b>	<b>Funktion</b>
<b>6</b>	0 - 255	<b>DIMMER 0%-100%</b>
<b>7</b>	0 - 255	<b>FOCUS</b>
<b>8</b>	000 - 005 006 - 127 128 - 189 190 - 193 194 - 255	<b>PRISMA</b> OFF ON FORWARDS ROTATION (SLOW TO FAST) ROTATION STOP BACKWARDS ROTATION (SLOW TO FAST)
<b>9</b>	000 - 199 200 - 255	<b>FROST</b> FROST OUT FROST IN
<b>10</b>	000 - 225 226 - 235 236 - 245 246 - 255	<b>PAN/TILT SPEED</b> SPEED (MAX TO MIN) BLACKOUT BY MOVEMENT BLACKOUT BY ALL WHEEL CHANGING NO FUNCTION
<b>11</b>	000 - 079 080 - 084 085 - 087 088 - 090 091 - 093 094 - 096 097 - 099 100 - 119 120 - 139 140 - 159 160 - 179 180 - 199 200 - 219 220 - 239 240 - 255	<b>SPECIAL FUNCTION</b> NO FUNCTION ALL MOTOR RESET SCAN MOTOR RESET COLOR MOTOR RESET GOBO MOTOR RESET SHUTTER/ DIMMER MOTOR RESET OTHER MOTOR RESET INTERNAL PROGRAM 1 INTERNAL PROGRAM 2 INTERNAL PROGRAM 3 INTERNAL PROGRAM 4 INTERNAL PROGRAM 5 INTERNAL PROGRAM 6 INTERNAL PROGRAM 7 INTERNAL SOUND PROGRAMM

## 4.3 Extended

DMX Kanal	Wert	Funktion
<b>1</b>	000 – 255	<b>PAN</b>
<b>2</b>	000 – 255	<b>PAN FINE</b>
<b>3</b>	000 – 255	<b>TILT</b>
<b>4</b>	000 – 255	<b>TILT FINE</b>
<b>5</b>	000 - 007 008 - 015 016 - 023 024 - 031 032 - 039 404 - 047 048 - 055 056 - 063 064 - 071 072 - 079 080 - 087 088 - 095 096 - 103 104 - 111 112 - 127 128 - 189 190 - 193 194 - 255	<b>COLOR</b> OPEN/ WHITE COLOR 1 COLOR 2 COLOR 3 COLOR 4 COLOR 5 COLOR 6 COLOR 7 COLOR 8 COLOR 9 COLOR 10 COLOR 11 COLOR 12 COLOR 13 COLOR 14 FORWARDS RAINBOW (SLOW TO FAST) COLOR ROTATION STOP BACKWARDS RAINBOW (SLOW TO FAST)

DMX Kanal	Wert	Funktion
<b>6</b>	000 - 004	<b>GOBO</b> OPEN
	005 - 009	GOBO 1
	010 - 014	GOBO 2
	015 - 019	GOBO 3
	020 - 024	GOBO 4
	025 - 029	GOBO 5
	030 - 034	GOBO 6
	035 - 039	GOBO 7
	040 - 044	GOBO 8
	045 - 049	GOBO 9
	050 - 054	GOBO 10
	055 - 059	GOBO 11
	060 - 064	GOBO 12
	065 - 069	GOBO 13
	070 - 074	GOBO 14
	075 - 079	GOBO 15
	080 - 084	GOBO 16
	085 - 089	GOBO 17
	090 - 097	GOBO 1 SHAKE (SLOW TO FAST)
	098 - 105	GOBO 2 SHAKE (SLOW TO FAST)
	106 - 113	GOBO 3 SHAKE (SLOW TO FAST)
	114 - 121	GOBO 4 SHAKE (SLOW TO FAST)
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	130 - 137	GOBO 6 SHAKE (SLOW TO FAST)
	138 - 145	GOBO 7 SHAKE (SLOW TO FAST)
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	154 - 161	GOBO 9 SHAKE (SLOW TO FAST)
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202 - 209	GOBO 15 SHAKE (SLOW TO FAST)	
210 - 217	GOBO 16 SHAKE (SLOW TO FAST)	
218 - 225	GOBO 17 SHAKE (SLOW TO FAST)	
226 - 255	ROTATE GOBO WHEEL (SLOW TO FAS)	
<b>7</b>	000 - 031	<b>SHUTTER</b> SHUTTER CLOSED
	032 - 063	SHUTTER OPEN
	064 - 095	STROBE EFFECT (SLOW TO FAST)
	096 - 127	SHUTTER OPEN
	128 - 159	PULSE-EFFECT (SLOW TO FAST)
	160 - 191	SHUTTER OPEN
	192 - 223	RANDOM STROBE (SLOW TO FAS)
	224 - 255	SHUTTER OPEN

<b>DMX Kanal</b>	<b>Wert</b>	<b>Funktion</b>
<b>8</b>	0 - 255	<b>DIMMER 0%-100%</b>
<b>9</b>	0 - 255	<b>FOCUS</b>
<b>10</b>	000 - 005 006 - 127 128 - 189 190 - 193 194 - 255	<b>PRISMA</b> OFF ON FORWARDS ROTATION (SLOW TO FAST) ROTATION STOP BACKWARDS ROTATION (SLOW TO FAST)
<b>11</b>	000- 199 200 - 255	<b>FROST</b> FROST OFF FROST ON
<b>12</b>	000 - 225 226 - 235 236 - 245 246 - 255	<b>PAN/TILT SPEED</b> SPEED (MAX TO MIN) BLACKOUT BY MOVEMENT BLACKOUT BY ALL WHEEL CHANGING NO FUNCTION
<b>13</b>	000 - 079 080 - 084 085 - 087 088 - 090 091 - 093 094 - 096 097 - 099 100 - 119 120 - 139 140 - 159 160 - 179 180 - 199 200 - 219 220 - 239 240 - 255	<b>SPECIAL FUNCTION</b> NO FUNCTION ALL MOTOR RESET SCAN MOTOR RESET COLOR MOTOR RESET GOBO MOTOR RESET SHUTTER/ DIMMER MOTOR RESET OTHER MOTOR RESET INTERNAL PROGRAM 1 INTERNAL PROGRAM 2 INTERNAL PROGRAM 3 INTERNAL PROGRAM 4 INTERNAL PROGRAM 5 INTERNAL PROGRAM 6 INTERNAL PROGRAM 7 INTERNAL SOUND PROGRAMM
<b>14</b>	0 - 255	<b>COLOR TIME MAX TO MIN</b>
<b>15</b>	0 - 255	<b>GOBO TIME (MAX TO MIN)</b>

# EXPOLITE

