

USER MANUAL

Expolite TourBlinder 600 W

Art. no. led26800



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Every fixture is fully tested by the manufacturer and properly packed. Before installation and use, make sure that the packaging and the fixture are in perfect condition. In case of transport damage, contact your dealer and do not put the fixture into operation.

All users must strictly follow the warnings and operating instructions contained in this manual. Damage caused by improper use is excluded from the warranty. As part of continuous product development, technical data are subject to change without notice.

1.1 Warnings

WARNING

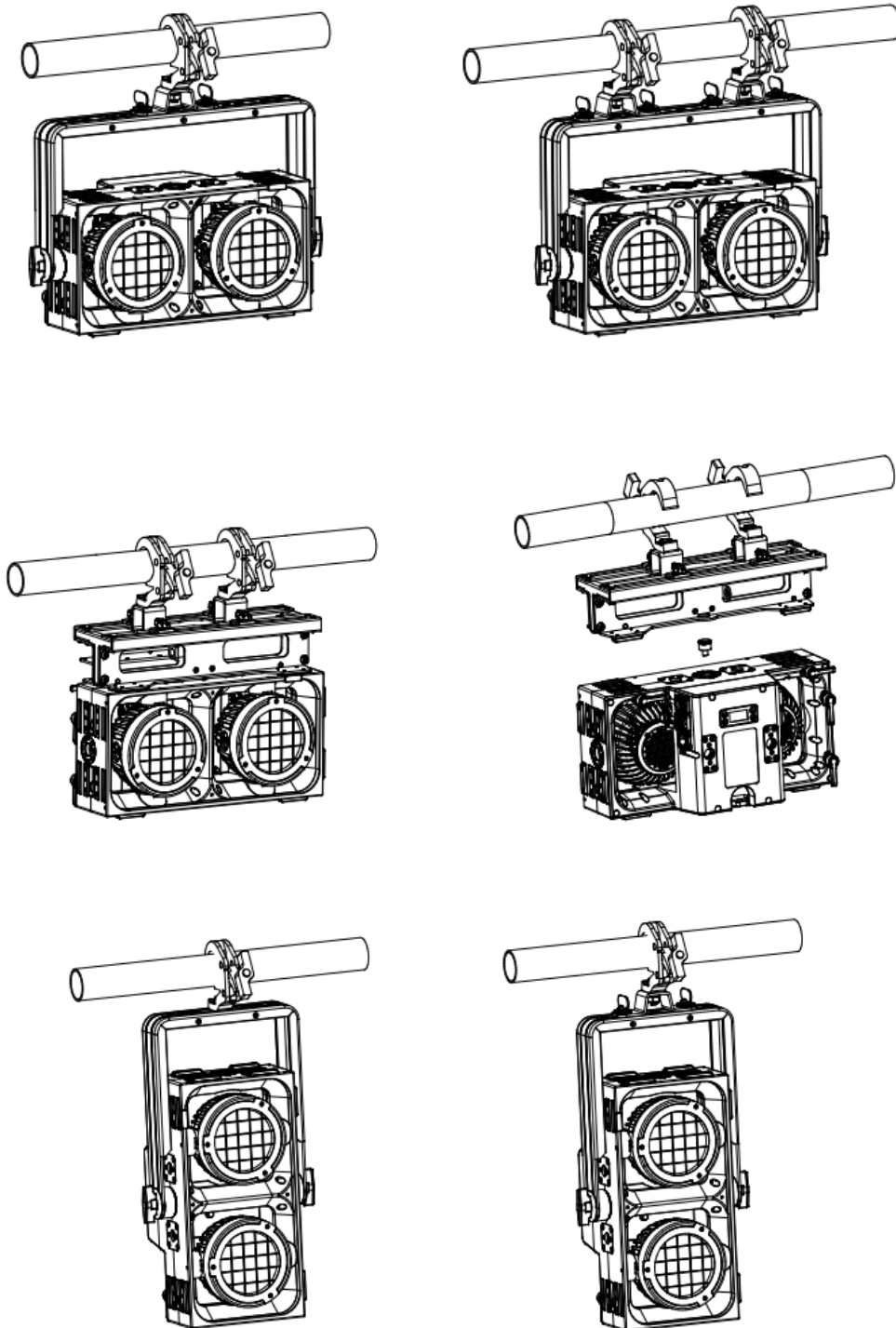
- Check the fixture for transport damage upon receipt. Do not operate a damaged fixture and contact your dealer immediately.
- The fixture is rated IP65. Keep the fixture clean and carry out maintenance every three months. Avoid permanently wet or dusty environments.
- Do not mount the fixture directly onto surfaces made of flammable material.
- Installation, operation and maintenance must only be carried out by qualified personnel and strictly according to the procedures described in this manual.
- Do not point the fixture directly at flammable objects. Keep a distance of at least 3 m between the fixture and the illuminated object.
- Do not look directly into the light source (especially persons with epilepsy) – risk of eye damage.
- Do not open the fixture for unauthorised repair and do not modify the fixture's construction.
- The electrical connection must only be made by a qualified electrician.
- Before installation, make sure that the mains voltage used matches the voltage indicated on the fixture.
- Every fixture must be properly earthed and electrically installed in accordance with the relevant standards.
- Do not connect the fixture to dimmer devices.
- For safety reasons, additionally secure the fixture with a safety cable through the bracket or the designated attachment points when rigging it overhead (see chapter 2).
- Replace the LED lens or glass cover if it is heavily scratched or broken.
- After 5 minutes of operation the surface temperature of the fixture is approx. 45 °C, in steady state approx. 60 °C.
- There are no user-serviceable parts inside the fixture. Before operation, check that all covers are fitted and all screws are firmly tightened. Never operate the fixture with the cover or housing open.
- If you have any questions or suggestions, contact your dealer.

Note: All fixtures leave the factory in perfect condition and proper packaging. Please follow this user manual. Fixture faults caused by improper handling are excluded from the warranty.

02 SETUP AND INSTALLATION

EXPOLITE

2.1 Mounting options



Caution: When rigging the fixture overhead, additionally secure it with a safety cable through the bracket or the designated attachment points.

03 DMX SIGNAL CONNECTION

3.1 Signal connection and notes

- To reduce signal errors and avoid signal attenuation and interference during transmission, a 120 Ω (1/4 W) resistor can be fitted between pin 2 and pin 3 at the DMX output of the last fixture.
- Connect the fixtures with XLR signal cables: one end to the output of one fixture, the other end to the input of the next fixture. Signal cables must only be used in series, never in parallel. As DMX512 signal transmission is very fast, damaged cables, poor solder joints or loose contacts lead to transmission errors up to a complete system standstill.
- If the power supply of a fixture is interrupted, the connection between DMX input and output is internally bridged to maintain the DMX line.
- Each fixture must be assigned a DMX address so that it can receive the commands of the console.
- DMX512 systems must be fitted with a terminating resistor (terminator) at the end of the line to reduce transmission errors.



04 DMX ADDRESSING AND POWER CONNECTION

4.1 Setting the DMX address code

Mode	Address range	1st address	2nd address	3rd address	4th address
1CH	001–001	001	002	003	004
2CH	001–002	001	003	005	007
4CH	001–004	001	005	009	013
5CH	001–005	001	006	011	016
7CH	001–007	001	008	015	022
10CH	001–010	001	011	021	031
13CH	001–013	001	014	027	040

For additional fixtures, the addresses continue incrementally according to the channel count of the selected mode.

4.2 Power connection



POWER IN



POWER OUT

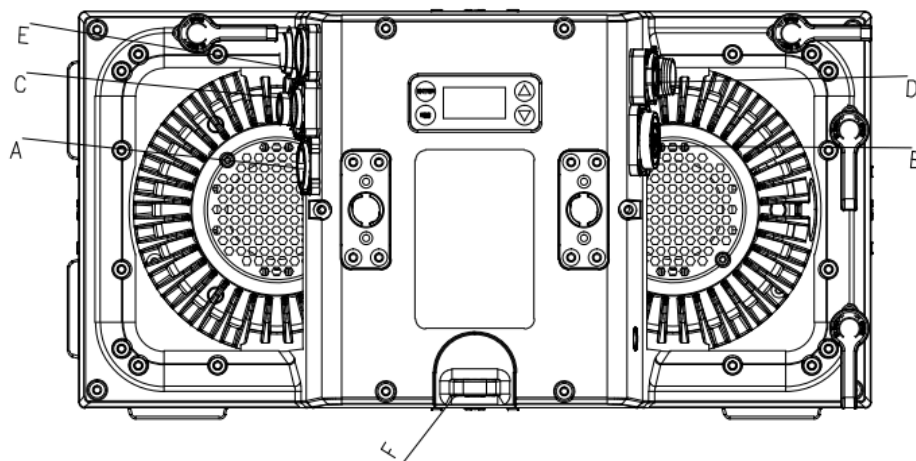
The fixture has a waterproof power input (Power In) and power output (Power Out). Connect the power cables of the fixtures from output to input ("hand in hand").

WARNING

- For power reasons, use a power cable with a 1.5 mm² cross-section. Maximum 6 fixtures (at 230 V) per cable.
- Do not connect too many fixtures to a single power cable — risk of overload.
- Do not use power cables with damaged insulation and do not route power cables across other conductors.
- Unplug the fixture when it is not in use or being cleaned.
- Do not pull or tug on the power cable.

05 CONTROL PANEL

5.1 Connections and buttons



A	Power input (Power In)	IP65, waterproof power connector – input voltage 100–240 V, 50/60 Hz
B	Power output (Power Out)	IP65, waterproof power connector – output voltage 100–240 V, 50/60 Hz
C	DMX input (DMX In)	3-pin, waterproof signal input
D	DMX output (DMX Out)	3-pin, waterproof signal output
E	USB	IP65, USB port for firmware updates
F	Safety hook	Attachment point for the safety cable

5.2 Button functions

Button	Function	Description	Effect
ESC (function button)	Menu selection	Open the menu selection	Menu action
↑ (up button)	Up	Go to the previous option	Increase parameter value
↓ (down button)	Down	Go to the next option	Decrease parameter value
ENTER (confirm button)	Confirm	Confirm the selected function	Save the last parameter

06 MAIN MENU

6.1 Menu structure

Note: Password for access to the main menu: 8888. Menu items and display texts appear exactly as shown on the fixture display and are never translated.

Main menu	Submenu	Options
1 · DMX Address	001–512	Cancel / OK
2 · DMX Channel mode		1CH DWE / 2CH DWE / 4CH DWE / 5CH STROBE / 7CH STANDARD (default) / 10CH EXTENDED / 13CH EXTENDED
3 · Manual control	Stop Manual	
	Self-propelled mode	Stop the built-in program / Built-in programs 1–5
	Quick Light	Dimmer / LED1 / LED2 / Strobe
4 · Language		Chinese / English
5 · Slave mode		Slave mode

06 MAIN MENU

6.2 LAMP settings

Main menu	Submenu	Options
6 · LAMP settings	Display settings	Display reversal / Keep the screen bright / Automatic lock screen
	Boot mode	DMX / Go By yourself / Quick Light
	Signal Holding	Hold on / Black Field / All lit up
	Dimming curve	Linear / Index / Log / S Curve
	Dimmer delay	LED / Medium / Halogen
	DTW Light	Close / Open
	White balance	White balance / User White Balance
	Dimming frequency	800 Hz / 1200 Hz / 2000 Hz / 3600 Hz / 12000 Hz / 25000 Hz
	Fan mode	Automatic / Be quiet / Close
	Lighting sequence	Close / Open
	Transport settings	Carry DMX / Do not carry DMX
	Power setting	Low power / High power
	USB	No / Yes
	Factory setup	Restore factory settings / Restore user customization / User-defined list

6.3 Lighting information

Main menu	Submenu	Display (example)
7 · Lighting information	Software version	V1.0B
	Serial number	202311280001
	RDM Code name	0x09910000000
	Temperature information	LED1: 000 / LED2: 000
	Power on time	Total: 0000 hours
	Light up time	LED1: 0000 hours / LED2: 0000 hours
	Error message	

Note: Only one fixture in the same signal line may be set as host. Remove the DMX control signal when the host function is used.

Note: Parameters transferable from the host: DMX Channel Mode, display settings, operating mode (including user program data). To control several fixtures synchronously, set one fixture as host and all others as slave.

07 DMX CHANNEL TABLES

7.1 Channel overview

CH	1CH DWE	2CH DWE	4CH DWE	5CH STROBE
1	Dimmer	Dimmer 1	Dimmer	Master Dimmer
2		Dimmer 2	Dimmer Curve	Shutter
3			Dimmer Response	Duration
4			Redshift	Dimmer 1
5				Dimmer 2

CH	7CH STANDARD (default)	10CH EXTENDED	13CH EXTENDED
1	Master Dimmer	Master Dimmer	Master Dimmer
2	Shutter	Shutter	Master Dimmer Fine
3	Dimmer 1	Duration	Shutter
4	Dimmer 2	Dimmer 1	Duration
5	Dimmer Curve	Dimmer 2	Dimmer 1
6	Dimmer Response	Dimmer Curve	Dimmer 1 Fine
7	Redshift	Dimmer Response	Dimmer 2
8		Redshift	Dimmer 2 Fine
9		Effect	Dimmer Curve
10		Device Settings	Dimmer Response
11			Redshift
12			Effect
13			Device Settings

07 DMX CHANNEL TABLES

7.2 1CH DWE · 2CH DWE · 4CH DWE

1CH DWE

Value	Setting	Remark
CH 1 · Dimmer		
000-255	0 – 100 %	

2CH DWE

Value	Setting	Remark
CH 1 · Dimmer 1		
000-255	0 – 100 %	
CH 2 · Dimmer 2		
000-255	0 – 100 %	

4CH DWE

Value	Setting	Remark
CH 1 · Dimmer		
000-255	0 – 100 %	
CH 2 · Dimmer Curve		
000-051	No function – current preset from the menu	
052-101	Linear dimming curve	
102-152	Exponential dimming curve	
153-203	Logarithmic dimming curve	
204-255	S-curve	
CH 3 · Dimmer Response		
000-063	No function – current preset from the menu	
064-127	LED / fast	
128-191	Medium	
192-255	Halogen / slow	
CH 4 · Redshift		
000-084	No function – current preset from the menu	
085-170	Redshift off	
171-255	Redshift on	

07 DMX CHANNEL TABLES

7.3 5CH STROBE

Value	Setting	Remark
CH 1 · Master Dimmer		
000-255	0 – 100 %	
CH 2 · Shutter		
000-019	Shutter closed	
020-024	Shutter open	
025-064	Strobe 1 (fast → slow)	
065-069	Shutter open	
070-084	Strobe 2: opening pulse (fast → slow)	
085-089	Shutter open	
090-104	Strobe 3: closing pulse (fast → slow)	
105-109	Shutter open	
110-124	Strobe 4: random strobe (fast → slow)	
125-129	Shutter open	
130-144	Strobe 5: random opening pulse (fast → slow)	
145-149	Shutter open	
150-164	Strobe 6: random closing pulse (fast → slow)	
165-169	Shutter open	
170-184	Strobe 7: burst pulse (fast → slow)	
185-189	Shutter open	
190-204	Strobe 8: random burst pulse (fast → slow)	
205-209	Shutter open	
210-224	Strobe 9: sine wave (fast → slow)	
225-229	Shutter open	
230-244	Strobe 10: burst (fast → slow)	
245-255	Shutter open	
CH 3 · Duration		
000-255	0 – 100 % (0 ms – 510 ms)	only affects CH 2 – Strobe 1 (025-064)
CH 4 · Dimmer 1		
000-255	0 – 100 %	
CH 5 · Dimmer 2		
000-255	0 – 100 %	

07 DMX CHANNEL TABLES

7.4 7CH STANDARD (default) – part 1 of 2

Value	Setting	Remark
CH 1 · Master Dimmer		
000–255	0 – 100 %	
CH 2 · Shutter		
000-019	Shutter closed	
020-024	Shutter open	
025-064	Strobe 1 (fast → slow)	
065-069	Shutter open	
070-084	Strobe 2: opening pulse (fast → slow)	
085-089	Shutter open	
090-104	Strobe 3: closing pulse (fast → slow)	
105-109	Shutter open	
110-124	Strobe 4: random strobe (fast → slow)	
125-129	Shutter open	
130-144	Strobe 5: random opening pulse (fast → slow)	
145-149	Shutter open	
150-164	Strobe 6: random closing pulse (fast → slow)	
165-169	Shutter open	
170-184	Strobe 7: burst pulse (fast → slow)	
185-189	Shutter open	
190-204	Strobe 8: random burst pulse (fast → slow)	
205-209	Shutter open	
210-224	Strobe 9: sine wave (fast → slow)	
225-229	Shutter open	
230-244	Strobe 10: burst (fast → slow)	
245-255	Shutter open	
CH 3 · Dimmer 1		
000–255	0 – 100 %	
CH 4 · Dimmer 2		
000–255	0 – 100 %	

07 DMX CHANNEL TABLES

7.4 7CH STANDARD (default) – part 2 of 2

Value	Setting	Remark
CH 5 · Dimmer Curve		
000-051	No function – current preset from the menu	
052-101	Linear dimming curve	
102-152	Exponential dimming curve	
153-203	Logarithmic dimming curve	
204-255	S-curve	
CH 6 · Dimmer Response		
000-063	No function – current preset from the menu	
064-127	LED / fast	
128-191	Medium	
192-255	Halogen / slow	
CH 7 · Redshift		
000-084	No function – current preset from the menu	
085-170	Redshift off	
171-255	Redshift on	

07 DMX CHANNEL TABLES

7.5 10CH EXTENDED – part 1 of 3

Value	Setting	Remark
CH 1 · Master Dimmer		
000–255	0 – 100 %	
CH 2 · Shutter		
000-019	Shutter closed	
020-024	Shutter open	
025-064	Strobe 1 (fast → slow)	
065-069	Shutter open	
070-084	Strobe 2: opening pulse (fast → slow)	
085-089	Shutter open	
090-104	Strobe 3: closing pulse (fast → slow)	
105-109	Shutter open	
110-124	Strobe 4: random strobe (fast → slow)	
125-129	Shutter open	
130-144	Strobe 5: random opening pulse (fast → slow)	
145-149	Shutter open	
150-164	Strobe 6: random closing pulse (fast → slow)	
165-169	Shutter open	
170-184	Strobe 7: burst pulse (fast → slow)	
185-189	Shutter open	
190-204	Strobe 8: random burst pulse (fast → slow)	
205-209	Shutter open	
210-224	Strobe 9: sine wave (fast → slow)	
225-229	Shutter open	
230-244	Strobe 10: burst (fast → slow)	
245-255	Shutter open	
CH 3 · Duration		
000–255	0 – 100 % (0 ms – 510 ms)	only affects CH 2 – Strobe 1 (025–064)

07 DMX CHANNEL TABLES

7.5 10CH EXTENDED – part 2 of 3

Value	Setting	Remark
CH 4 • Dimmer 1		
000-255	0 – 100 %	
CH 5 • Dimmer 2		
000-255	0 – 100 %	
CH 6 • Dimmer Curve		
000-051	No function – current preset from the menu	
052-101	Linear dimming curve	
102-152	Exponential dimming curve	
153-203	Logarithmic dimming curve	
204-255	S-curve	
CH 7 • Dimmer Response		
000-063	No function – current preset from the menu	
064-127	LED / fast	
128-191	Medium	
192-255	Halogen / slow	
CH 8 • Redshift		
000-084	No function – current preset from the menu	
085-170	Redshift off	
171-255	Redshift on	
CH 9 • Effect		
000-040	No function	
041-083	Effect 1 (slow → fast)	
084-126	Effect 2 (slow → fast)	
127-169	Effect 3 (slow → fast)	
170-212	Effect 4 (slow → fast)	
213-255	Effect 5 (slow → fast)	

07 DMX CHANNEL TABLES

7.5 10CH EXTENDED – part 3 of 3

Value	Setting	Remark
CH 10 · Device Settings (see note below)		
000-029	No function	
030-034	Display Backlight On (hold 3 s)	
035-039	Display Backlight Off (hold 3 s)	
040-044	No function	
045-049	DMX Fail Blackout (hold 3 s)	
050-054	DMX Fail Hold (hold 3 s)	
055-059	DMX Fail – Emergency Light (hold 3 s)	
060-064	No function	
065-069	RAW (hold 3 s)	
070-074	User Calibrated (hold 3 s)	
075-079	No function	
080-084	LED Frequency 800 Hz (hold 3 s)	
085-089	LED Frequency 1200 Hz (hold 3 s)	
090-094	LED Frequency 2000 Hz (hold 3 s)	
095-099	LED Frequency 3600 Hz (hold 3 s)	
100-104	LED Frequency 12 kHz (hold 3 s)	
105-109	LED Frequency 25 kHz (hold 3 s)	
110-114	No function	
115-119	Fan Auto (hold 3 s)	
120-124	Fan Silent (hold 3 s)	
125-129	Fan Off (hold 3 s)	
130-134	Fan High Power (hold 3 s)	
135-139	No function	
140-144	Invert Mapping On (hold 3 s)	
145-149	Invert Mapping Off (hold 3 s)	
150-154	No function	
155-159	LED Mode – Illumination (hold 1.5 s)	
160-164	LED Mode – Boost (hold 1.5 s)	
165-169	No function	
170-174	Factory Reset (hold 3 s)	Reset only starts when the shutter channel is set to DMX 250
175-179	User Reset (hold 3 s)	Reset only starts when the shutter channel is set to DMX 250
180-255	No function	

Note: Device Settings functions are only executed when the respective value is held for the specified time ("hold").

07 DMX CHANNEL TABLES

7.6 13CH EXTENDED – part 1 of 3

Value	Setting	Remark
CH 1 · Master Dimmer		
000–255	0 – 100 %	
CH 2 · Master Dimmer Fine		
000–255	0 – 100 %	
CH 3 · Shutter		
000-019	Shutter closed	
020-024	Shutter open	
025-064	Strobe 1 (fast → slow)	
065-069	Shutter open	
070-084	Strobe 2: opening pulse (fast → slow)	
085-089	Shutter open	
090-104	Strobe 3: closing pulse (fast → slow)	
105-109	Shutter open	
110-124	Strobe 4: random strobe (fast → slow)	
125-129	Shutter open	
130-144	Strobe 5: random opening pulse (fast → slow)	
145-149	Shutter open	
150-164	Strobe 6: random closing pulse (fast → slow)	
165-169	Shutter open	
170-184	Strobe 7: burst pulse (fast → slow)	
185-189	Shutter open	
190-204	Strobe 8: random burst pulse (fast → slow)	
205-209	Shutter open	
210-224	Strobe 9: sine wave (fast → slow)	
225-229	Shutter open	
230-244	Strobe 10: burst (fast → slow)	
245-255	Shutter open	
CH 4 · Duration		
000–255	0 – 100 % (0 ms – 510 ms)	only affects CH 3 – Strobe 1 (025–064)

07 DMX CHANNEL TABLES

7.6 13CH EXTENDED – part 2 of 3

Value	Setting	Remark
CH 5 · Dimmer 1		
000-255	0 – 100 %	
CH 6 · Dimmer 1 Fine		
000-255	0 – 100 %	
CH 7 · Dimmer 2		
000-255	0 – 100 %	
CH 8 · Dimmer 2 Fine		
000-255	0 – 100 %	
CH 9 · Dimmer Curve		
000-051	No function – current preset from the menu	
052-101	Linear dimming curve	
102-152	Exponential dimming curve	
153-203	Logarithmic dimming curve	
204-255	S-curve	
CH 10 · Dimmer Response		
000-063	No function – current preset from the menu	
064-127	LED / fast	
128-191	Medium	
192-255	Halogen / slow	
CH 11 · Redshift		
000-084	No function – current preset from the menu	
085-170	Redshift off	
171-255	Redshift on	
CH 12 · Effect		
000-040	No function	
041-083	Effect 1 (slow → fast)	
084-126	Effect 2 (slow → fast)	
127-169	Effect 3 (slow → fast)	
170-212	Effect 4 (slow → fast)	
213-255	Effect 5 (slow → fast)	

07 DMX CHANNEL TABLES

7.6 13CH EXTENDED – part 3 of 3

Value	Setting	Remark
CH 13 · Device Settings (see note below)		
000-029	No function	
030-034	Display Backlight On (hold 3 s)	
035-039	Display Backlight Off (hold 3 s)	
040-044	No function	
045-049	DMX Fail Blackout (hold 3 s)	
050-054	DMX Fail Hold (hold 3 s)	
055-059	DMX Fail – Emergency Light (hold 3 s)	
060-064	No function	
065-069	RAW (hold 3 s)	
070-074	User Calibrated (hold 3 s)	
075-079	No function	
080-084	LED Frequency 800 Hz (hold 3 s)	
085-089	LED Frequency 1200 Hz (hold 3 s)	
090-094	LED Frequency 2000 Hz (hold 3 s)	
095-099	LED Frequency 3600 Hz (hold 3 s)	
100-104	LED Frequency 12 kHz (hold 3 s)	
105-109	LED Frequency 25 kHz (hold 3 s)	
110-114	No function	
115-119	Fan Auto (hold 3 s)	
120-124	Fan Silent (hold 3 s)	
125-129	Fan Off (hold 3 s)	
130-134	Fan High Power (hold 3 s)	
135-139	No function	
140-144	Invert Mapping On (hold 3 s)	
145-149	Invert Mapping Off (hold 3 s)	
150-154	No function	
155-159	LED Mode – Illumination (hold 1.5 s)	
160-164	LED Mode – Boost (hold 1.5 s)	
165-169	No function	
170-174	Factory Reset (hold 3 s)	Reset only starts when the shutter channel is set to DMX 250
175-179	User Reset (hold 3 s)	Reset only starts when the shutter channel is set to DMX 250
180-255	No function	

Note: Device Settings functions are only executed when the respective value is held for the specified time ("hold").

08 MAINTENANCE AND TROUBLESHOOTING

8.1 Maintenance

Regular maintenance is required to extend the service life of the fixture. In unfavourable outdoor conditions or after prolonged storage, moisture and dust can accumulate on the lens cover and housing. Regular cleaning also protects the housing against corrosion caused by dust and acidic gases.

The cleaning frequency depends on operating time and environment. Clean the fixture carefully with a soft cloth and standard glass cleaner – recommended at least every 20 days.

Caution: Do not use alcohol or other organic solvents to clean the housing – risk of damage.

8.2 General troubleshooting

Fault	Possible cause	Remedy
No menu display	1. No mains voltage 2. Switch-mode power supply defective 3. Display board defective	1. Check the power cables 2. Check the output voltage of the switch-mode power supply 3. Replace the display board
No DMX signal	1. Signal cable defective 2. Incorrect signal cable wiring 3. Receiver IC of the signal input damaged 4. DMX address does not match the assignment at the console 5. Other parameters set incorrectly 6. Menu left without confirmation (ENTER) or ESC not pressed back to the main menu	1. Check or replace the signal cables 2. Check the connection order of the signal cables 3. Check the receiver IC and the two resistors in the signal line 4. Check or reset the address, or restore factory settings and test again 5. Press ESC back to the main menu
Housing surface temperature above 75 °C	1. Thermistor of the LED board defective 2. Temperature control on the display board faulty	1. Replace the thermistor 2. Check the temperature control circuit on the main board
Uneven colour mixing, colour spots	1. LED not soldered correctly 2. Lens or holder not fitted correctly	1. Check the solder joints of the LEDs 2. Check the lens fitting and correct the alignment of the holder
LEDs do not light up or flicker	LED damaged or no current output from the driver board	1. Replace the LEDs 2. Replace damaged LEDs or check the wiring of the driver board 3. Replace the corresponding driver IC
Parameters are not saved	Memory IC defective	Replace the memory IC
Fixture is switched on but does not work	Over-temperature protection triggered (temperature control or protection circuit of the switch-mode power supply)	Let the fixture cool down and switch it on again

09 TECHNICAL DATA

9.1 Optics and power supply

Optical parameters	
Light source	2× 300 W warm white + amber + red
Illuminance	All: 24,250 lx @ 1 m · 2,600 lx @ 3 m · 1,200 lx @ 5 m
Colour temperature	WW: 2750 K (±100 K)
Optical system	Reflector with facet lens
Colour rendering index	Ra ≥ 87
R9	R9 ≥ 87
Dominant wavelength	587 nm
Light source lifetime	50,000 h
Beam angle (50 %)	50°
Maximum angle (10 %)	87°
Pixel matrix	Individual control / overall control
Strobe	0–20 Hz

Power supply	
Input voltage and frequency	100–240 V AC, 50–60 Hz
Power connection	Waterproof power in/out, maximum 6 fixtures @ 230 V
Signal connection	3-pin waterproof signal in/out, maximum 32 fixtures
Constant power	220 W
Maximum power consumption	610 W
Power factor	0.95 (230 V)
Ambient temperature	–20 °C – +45 °C
Switch-mode power supply	100–240 V AC, 50–60 Hz

09 TECHNICAL DATA

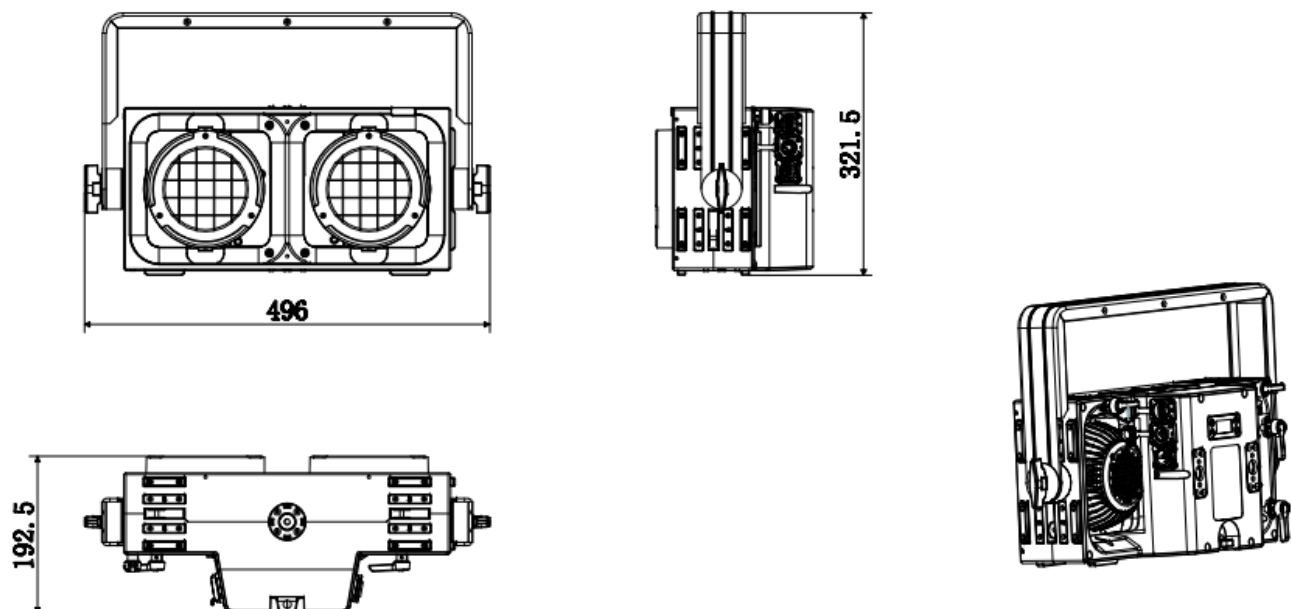
9.2 Construction and control

Construction	
Dimensions	Product: 465 × 80.3 × 239.8 mm · Packaging: 538 × 320 × 180 mm
Weight	Net: 10.3 kg
Ingress protection	IP65
Cooling	Fan cooling
Housing	Die-cast aluminium, black
Mounting	Standing, rigged vertically, rigged sideways

Control	
Control mode	DMX512 / Wired RDM
DMX channel modes	1CH DWE / 2CH DWE / 4CH DWE / 5CH STROBE / 7CH STANDARD (default) / 10CH EXTENDED / 13CH EXTENDED
Display	OLED display with four buttons
Refresh rate	800 Hz / 1200 Hz / 2000 Hz / 3600 Hz / 12,000 Hz / 25,000 Hz
Dimmer delay	LED / Medium / Halogen
Dimming curves	Linear / exponential / logarithmic / S-curve
Accessories	Power and signal cables, clamps, omega brackets, safety cable
Scope of delivery	European waterproof power cable, 1 pc. · User manual, 1 pc.

10 DIMENSION DRAWING

10.1 Dimensions in mm





QUESTIONS OR FEEDBACK?

Scan the QR code to get in touch – we're happy to help!