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LANTATM
PROFESSIONAL LIGHTING

Owner Handbook



Aurora 1000 v2TM
1000mm Outdoor Bar

For your Safety

- Follow all instructions to maintain Manufacturer Warranty and for your own safety.
- There are no user replacement parts inside the product. Do not open the product for any reason. This will invalidate your Manufacturer Warranty and may impair the safety features of the product.
- Do not use if the product if you suspect it has been damaged in any way, including being dropped, is malfunctioning, or has been exposed to liquids or moisture. The unit must be repaired by an authorised service centre only. Manufacturer Warranty is void if unit is opened or adapted in any way. Operator safety may be compromised if this product is not operated and maintained in accordance with the details contained in this Owner Handbook.
- This appliance must be earthed. Do not remove the earth connection in the plug or any other location- it is essential for user safety.
- Be aware that products are mains powered and may be capable of producing high voltages from its outputs and has mains voltages inside the cabinet.

Product Installation, Use & Maintenance

- Keep this Owner Handbook safe for future reference.
- Clean the product with a clean and dry, non-abrasive cloth. Do not use solvents or liquids to clean the product.
- To prevent overheating, do not obstruct any ventilation opening, fan cover or vent. Do not install near any sources of heat such as radiators, heaters, other heat producing items such as amplifiers, power units etc.
- Power connection to the product is via a UK 240 Volt AC three-pin mains plug. Do not remove or adapt this plug. If necessary, only replace the plug top fuse with one of the same type, size and value.
- The mains lead must not be crushed or damaged. If any damage occurs, disconnect from the mains immediately. Replace the damaged cable, or if the mains lead is captive, return the product to an authorised repair centre for cable replacement. Do not attempt to repair the cable - it must be discarded and destroyed.
- To maintain the Manufacturer Warranty, only attach authorised accessories and external devices. This includes cables, connectors and other electrical and/or mechanical devices.
- Unplug the product from the mains during lightning storms or periods of mains fluctuations. If the product is going to be unused for long periods, unplug from the mains.

Product Quality & Compliance

Products from Lanta Lighting meet all required safety standards in force at the time of manufacture and are fully compliant with them.

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Unpacking & Inspection

- Inspect the packaging before opening. If the packaging appears to have sustained significant damage, please take extra care before using the product. If you are in any doubt, consult a suitably qualified professional.
- If you suspect the product has been damaged, do not use it. Return it to your original supplier without delay.
- Keep all packaging in a safe place for storage or transport in future.

Manufacturer Warranty

- This Manufacturer Warranty is valid in the UK only.
- Lanta Lighting warrants that this product is free from workmanship defects and material failure during normal use and operation for a period of 12 months from first use or from original date of sale (whichever is the earliest) providing all of the terms indicated in the warranty section have been fully complied with.
- Expressly excluded is our liability for any directly connected or indirectly connected item or items or any consequential loss associated with the failure of the product howsoever caused.
- If the product has been opened, modified, tampered with, incorrectly connected, used inappropriately or in conflict with the instructions herein, or the product model or serial number has been damaged, removed, tampered with, obliterated or made partly unreadable by any person or persons, the Manufacturer Warranty is irrevocably null and void.
- No extension, adaption, alteration or modification to the terms of this Manufacturer Warranty will be permitted, unless expressly authorised in writing (excluding email and fax) by a Director of Lanta Lighting. Warranty is transferrable during the Warranty period.

For Further Information about Lanta Lighting

Our website can be found at **www.lantalighting.com** and is available for the benefit of customers worldwide. Please consult for information, advice and support on this and other high quality products from Lanta.

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About Lanta Lighting™

Based in the UK, Lanta are committed to providing high quality products at cost-effective prices to the professional lighting market. Since the first product was launched in 2006, Lanta has established a reputation for reliability, common sense design and customer support that has become the envy of others.

The Lanta Lighting range includes:-

Professional Lighting

Focussing on the use of LED technology, Lanta offer distinctive lighting effects for install and mobile applications. From washes to floods, spots to projectors, LED technology now outperforms traditional lights while at the same time requiring significantly lower power and generating far less unwanted heat.

Performance Lasers

Recent advances have reduced the costs of Lasers, made them more portable and brought improved performance and reliability. With step and animation lasers in multi and single colour formats for mobile DJs and static installs, Lanta promise Lasers that won't burn a hole in your pocket.

Atmospheric Effects

When you need special atmospheric effects, Lanta have everything from bubble machines to snow machines, hazers and foggers. There's also a range of fluids and consumables specially designed to get the best from the range.

Control Gear

Lightweight and portable, Lanta Control Gear is robust enough to survive life on the road and smart enough to control DMX kit whatever the venue.

Visit us at www.lantalighting.com for more details.

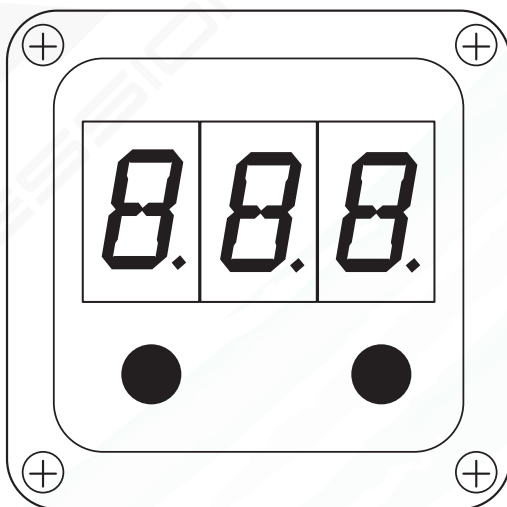
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Getting to know your Lanta Product

The Lanta Aurora 1000™ is an outdoor aluminium housed LED bar featuring twenty four tri-colour LEDs that can produce red, green and blue within the same individual LED. It has a built in flash facility. Features can be DMX controlled from standard desks.

LEDs	24 tri-colour 3w LEDS
DMX Control	3 or 5 Channel
Control Connections	3 Pin Female XLR trailing socket, 3 Pin Male XLR trailing socket
Weatherproofing	IP65 rated
Power Requirement	240 Volt AC 50/60Hz
Power Consumption	80 Watts
Dimensions W x D x H	1000mm x 76mm x 75mm
Weight	3.8Kg



Rear Panel

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Operating Modes

Five distinct operating modes are supported by the unit. To select, use the "A" button to enter the menu. The "B" button steps through specific settings for each operating mode.

1- In-built Program Mode

One of the 7 in-built Effects is run. In this mode the LED Display will show values from "P.01" to "P.07". To enter this mode, hold the "A" button for approximately three seconds to display "P.01". Effects are;

LED Display Shows	Effect
P.01	Static Colour
P.02	Colour Change
P.03	Jumping Colours
P.04	Dreaming Colours
P.05	Red Fade
P.06	Green Fade
P.07	Blue Fade

Static Colours (P.01 Only)

In this sub-mode a static colour mix can be chosen. With the LED Display reading "P.01", press "A". The "B" button steps between options. These are;

LED Display Shows	Colour Mix
1--h	Red
2-hG	Yellow
3--G	Green
4-G6	Light Blue
5--6	Dark Blue
6-h6	Purple
70n	White
80F	Off

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Colour Intensity (P.01 Only)

In this sub-mode the individual intensity of Red, Green & Blue channels can be set. With the LED Display reading "P.01", press "A" until "rxx" "Gxx" or "bxx" is shown. The "B" button steps between available values of "0" and "255". Not all intensities can be set for every option. Valid combinations are;

LED Display Initially Shows	Red Values	Green Values	Blue Values
1--h	0 to 255	Not Applicable	Not Applicable
2-hG	0 to 255	0 to 255	Not Applicable
3--G	Not Applicable	0 to 255	Not Applicable
4-G6	Not Applicable	0 to 255	0 to 255
5--6	Not Applicable	Not Applicable	0 to 255
6-h6	0 to 255	Not Applicable	0 to 255
70n	0 to 255	0 to 255	0 to 255
80F	Not Applicable	Not Applicable	Not Applicable

Speed Setting (P.01 to P.07)

Pressing "A" changes the LED display to "SFL" (for speed). Speed can be set with the "B" button between "S01" (slowest) and "S99" (fastest).

Flash Frequency (P.02 to P.07)

Ensure that the LED Display reads between "P.02" and "P.07". Pressing "A" changes the LED display to "F00" (for flash frequency). Speed can be set with the "B" button between "F01" (approx 0.5Hz) and "F99" (approx 40Hz).

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2- Auto Run Mode

All 7 in-built Colour Mixes are run one after another in a continuous loop. To enter this mode, hold the "A" button for approximately three seconds to display "AUr". The sequence is;

Colour Mix
Red
Green
Dark Blue
Purple
Yellow
Light Blue
White

Speed Setting

Pressing "A" changes the LED display to "SFL" (for speed). Speed can be set with the "B" button between "S01" (slowest) and "S99" (fastest).

Flash Frequency

Pressing "A" changes the LED display to "F00" (for flash). Flash speed can be set with the "B" button between "F01" (slowest) and "F99" (fastest).

Fade Time

Pressing "A" changes the LED display to "r00" (for time). Fade time can be set with the "B" button between "r01" (slowest) and "r99" (fastest).

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3- Slave Mode

The unit will run in synch with another unit that has been set as the Master unit. To enter this mode, hold the "A" button for approximately three seconds to display "SLA".

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5- DMX Mode

The unit supports 2 distinct DMX control modes from a standard desk.

Setting DMX Addresses

Hold the "A" button for approximately three seconds to display a flashing "001". The "B" button allows individual DMX addresses to be set from "001" to "512".

Choosing between DMX Modes

Press the "A" button once more to choose DMX control mode. The LED displays "d.P1" or "d.P2". Use the "B" button switch between DMX control modes.

LED Display Shows	DMX Control Mode
d.P2	3 Channel
d.P1	5 Channel

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DMX Control Channel Settings

The unit supports both 3 and 5 Channel DMX control. Settings are as below:-

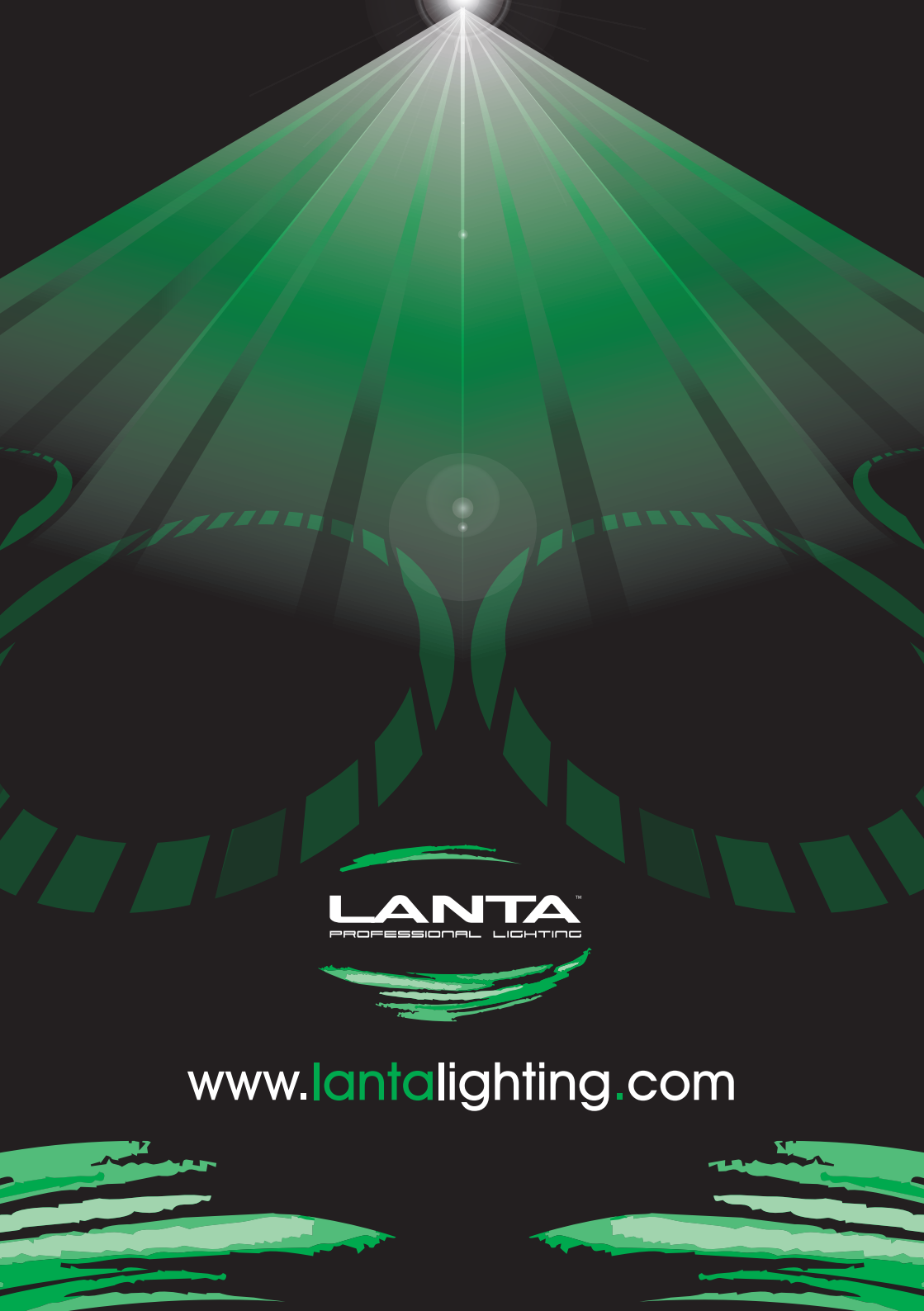
3 Channel DMX

	Channel 1	Channel 2	Channel 3
	Program Selection	Speed	Flash Frequency
0	Off	Slowest	Static
1-50	Colour Change	↑	0.5Hz
51-101	Jumping Colours	↑	↑
102-152	Dreaming Colours	↑	↑
153-203	Red Fade	↓	↓
204-254	Green Fade	↓	↓
255	Blue Fade	Fastest	40Hz

5 Channel DMX

	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5
	Red	Green	Blue	Master Dimming	Flash Frequency
0	Off	Off	Off	Dimmest	Static
1-5	↑	↑	↑	↑	Off
6-100	↑	↑	↑	↑	Slowest
101-200	↓	↓	↓	↓	↑
201-254	↓	↓	↓	↓	↓
255	Full On	Full On	Full On	Brightest	Fastest

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