

# ***STORM***

TECHNICAL SERVICES FOR  
EVENTS, THEATRE, MUSIC,  
EXHIBITION, FILM & TV

01483 757211  
HIRE@STORMLTD.CO.UK  
WWW.STORMLTD.CO.UK



**LANTA**<sup>TM</sup>  
PROFESSIONAL LIGHTING

## Owner Handbook



**Aurora Quad Bar 1000N**<sup>TM</sup>  
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.
- All Lanta products designed for indoor use. Under no circumstances must these products be used outdoors unless the product specification specifically defines the product as being water resistant.
- Do not expose this product to moisture, rain or other fluids.
- 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 the 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 or other heat producing items such as amplifiers, power units etc.
- Never lift, move or carry the product by any other means other than the case as a whole or handle if provided.
- 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.

## Aurora Quad Bar 1000N Owner Handbook™

## 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.

## 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 transportation 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 12 month period from original date of sale, providing all of the terms indicated in the warranty section have been fully complied with. Please refer to your suppliers T&C's for warranty details.
- 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 however 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](http://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.

## Aurora Quad Bar 1000N Owner Handbook™

## **IMPORTANT!**

### **Battery Operated Products**

Some Lanta products include an internal battery for portable use. These batteries are high energy rechargeable devices and for safety and product performance purposes these batteries have a permanent connection between the appliance and the battery.

The batteries are constructed from Lithium Ion materials, a much safer product than older generation primary Lithium batteries. Great care must be exercised when handling and disposing of these batteries and they must only be accessed and/or serviced by an authorised Lanta service centre.



### **DO NOT ATTEMPT TO ACCESS, MODIFY OR DISPOSE OF THE BATTERY!**



End of life disposal of the product and/or the battery must not be disposed in domestic rubbish or other non-specific recycling centre.

Only disposal sites that fully conform to the requirements of the EU Battery Directive are permitted to recycle these products and batteries.

Please visit **[www.gov.uk](http://www.gov.uk)** for further information.

### **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. All Lanta products are specifically designed for UK operation and are optimized for 240VAC 50Hz UK mains power.

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.

#### **Atmospheric Effects**

When you need special atmospheric effects, Lanta have everything from bubble machines to fake snow, 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.

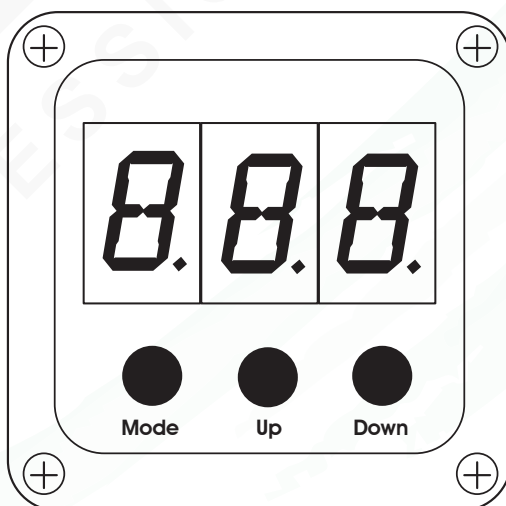
Visit us at **[www.lantalighting.com](http://www.lantalighting.com)** for more details.

### **Aurora Quad Bar 1000N Owner Handbook™**

# Getting to know your Lanta product

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

<b>LEDs</b>	24 quad 4w LEDs
<b>DMX Control</b>	2, 4, 6 or 8 Channel
<b>Control Connections</b>	Neutrik 3 Pin Female HD DMX trailing socket, Neutrik 3 Pin Male HD DMX trailing socket Neutrik powerCON TRUE 1 Male Neutrik powerCON TRUE 1 Female
<b>Weatherproofing</b>	IP65 rated
<b>Power Requirement</b>	240 Volt AC 50Hz
<b>Power Consumption</b>	80 Watts
<b>Dimensions W x D x H</b>	1025mm x 76mm x 85mm
<b>Weight</b>	6.3Kg



Rear Panel

## Aurora Quad Bar 1000N Owner Handbook™



# Operating Modes

Five distinct operating modes are supported by the unit. To select, use the "Mode" button to enter the menu. Each press of more than 2 seconds will step through the main menu options, each press of less than 2 seconds will step through the sub-menu options. The "Up" & "Down" buttons will step through specific settings for each operating mode

## 1- In-built Program Mode

To enter this mode, press the "Mode" button with long presses of approximately three seconds until the display shows "Pro". In this mode the LED Display will show values from "P.01" to "P.18" and one of the 18 in-built effects will run.

LED Display Shows	Effect
P.01	Static Colour
P.02 – P.05	Jumping Colours
P.06 – P.15	Fading Single Colours
P.15 – P.18	Fading Mixed Colours

### Static Colours (P.01 Only)

In this sub-mode a static colour mix can be chosen. With the LED Display reading "P.01", press "Mode". The "Up" & "Down" buttons step between options. These are;

LED Display Shows	Colour Mix
0	OFF
1 -r	Red
2rg	Yellow
rgu	Fawn
4-g	Green
5gb	Cyan
6-b	Blue
7rb	Purple
8rb	Rosiness
9-A	Amber
ru	Light Red
gu	Light Green
Bu	Light Blue
ALL	Cold White
14u	White
15u	Warm White

## Aurora Quad Bar 1000N Owner Handbook™

### **Speed Setting**

In "P02" – "P18", pressing the "Mode" button will enter the speed menu "S80". Using the "Up" & "Down" buttons a speed value "S01" – SFL" can be entered.

### **Flash**

Pressing the "Mode" again will enter the strobe menu "F00". Using the "Up" & "Down" buttons a speed value "F00" – "FFL" can be entered.

## **2- Auto Run Mode**

To enter this mode, press the "Mode" button with long presses of approximately three seconds until the display shows "AUr". In this mode, all 18 built-in colour mixes will run in a continuous loop. Using "Frequency" you can adjust the number of times a sequence is repeated before progressing to the next.

### **Speed Setting**

In "P02" – "P18", pressing the "Mode" button will enter the speed menu "S80". Using the "Up" & "Down" buttons a speed value "S01" – SFL" can be entered.

### **Flash**

Pressing the "Mode" again will enter the strobe menu "F00". Using the "Up" & "Down" buttons a speed value "F00" – FFL" can be entered.

### **Flash**

Pressing the "Mode" again will enter the frequency menu "N00". Using the "Up" & "Down" buttons a speed value "n00" – nFL" can be entered.

## **3- DMX Mode**

The unit supports both 2, 4 6 and 8 Channel DMX control from a standard desk.

### **Setting DMX Addresses**

Hold the "Mode" button for approximately three seconds to display "d--". The "Up" & "Down" buttons allows individual DMX addresses to be set from "001" to "512".

### **Choosing between DMX Modes**

Press the "Mode" button once more to choose DMX control mode. The LED displays "2ch" use the "Up" & "Down" buttons to chose 2, 4, 6 or 8ch mode.

## **Aurora Quad Bar 1000N Owner Handbook™**



## DMX work mode 1 : 2CH

CH1			CH2
NO.	Value	Function	
1	0 - 4	OFF	----
2	5 - 9	Red	
3	10 - 14	Yellow	
4	15 - 19	Fawn	
5	20 - 24	Green	
6	25 - 29	Cyan	
7	30 - 34	Blue	
8	35 - 39	Purple	
9	40 - 44	Rosiness	
10	45 - 49	Amber	
11	50 - 54	Light Red	
12	55 - 59	Light Green	
13	60 - 64	Light Blue	
14	65 - 69	Cold White	
15	70 - 74	White	
16	75 - 79	Warm White	
17	80 - 89	Program:02	Speed 0 - 255
18	90 - 99	Program:03	
19	100 - 109	Program:04	
20	110 - 119	Program:05	
21	120 - 129	Program:06	
22	130 - 139	Program:07	
23	140 - 149	Program:08	
24	150 - 159	Program:09	
25	160 - 169	Program:10	
26	170 - 179	Program:11	
27	180 - 189	Program:12	
28	190 - 199	Program:13	
29	200 - 209	Program:14	
30	210 - 219	Program:15	
31	220 - 229	Program:16	
32	230 - 239	Program:17	
33	240 - 255	Program:18	

## Aurora Quad Bar 1000N Owner Handbook™

## DMX work mode2 : 4 CH

CH1	CH2	CH3	CH4
Red 0-255	Green 0-255	Blue 0-255	White 0-255

## DMX work mode3 : 6 CH

CH1	CH2	CH3	CH4	CH5	CH6
Red 0-255	Green 0-255	Blue 0-255	White 0-255	Dimmer 0-255	Flash 0-255

## Aurora Quad Bar 1000N Owner Handbook™

## DMX work mode3 : 6 CH

CH1	CH2	CH3	CH4	CH5	CH6	CH7			CH8
						NO.	Value	Function	
Red 0-255	Green 0-255	Blue 0-255	White 0-255	Dimmer 0-255	Flash 0-255	1	0 - 4	OFF	----
----	----	----	----	Dimmer 0-255	Flash 0-255	2	5 - 9	Red	
						3	10 - 14	Yellow	
						4	15 - 19	Fawn	
						5	20 - 24	Green	
						6	25 - 29	Cyan	
						7	30 - 34	Blue	
						8	35 - 39	Purple	
						9	40 - 44	Rosiness	
						10	45 - 49	Amber	
						11	50 - 54	Pink	
						12	55 - 59	TinGreen	
						13	60 - 64	BabyBlue	
						14	65 - 69	White1	
						15	70 - 74	White2	
						16	75 - 79	White3	
----	----	----	----	Dimmer 0-255	Flash 0-255	17	80 - 89	Program:02	Speed 0—255
						18	90 - 99	Program:03	
						19	100 - 109	Program:04	
						20	110 - 119	Program:05	
						21	120 - 129	Program:06	
						22	130 - 139	Program:07	
						23	140 - 149	Program:08	
						24	150 - 159	Program:09	
						25	160 - 169	Program:10	
						26	170 - 179	Program:11	
						27	180 - 189	Program:12	
						28	190 - 199	Program:13	
						29	200 - 209	Program:14	
						30	210 - 219	Program:15	
						31	220 - 229	Program:16	
						32	230 - 239	Program:17	
						33	240 - 255	Program:18	

## Aurora Quad Bar 1000N Owner Handbook™

## 4- Slave Mode

The unit will run in synch with another unit that has been set as the Master unit. To enter this mode, press the "Mode" button with long presses of approximately three seconds until the display shows "SLA".

## 5- Static Colour Mode

Using this mode you can select a custom colour. To enter this mode, press the "Mode" button with long presses of approximately three seconds until the display shows "CLr".

Press the "Mode" button to enter the red brightness setting menu "FRL".

Using the "Up" & "Down" buttons a brightness value "r00" – "rFL" can be entered.

Press the "Mode" button to enter the green brightness setting menu "FRL".

Using the "Up" & "Down" buttons a brightness value "G00" – "GFL" can be entered.

Press the "Mode" button to enter the blue brightness setting menu "FRL".

Using the "Up" & "Down" buttons a brightness value "b00" – "bFL" can be entered.

Press the "Mode" button to enter the white brightness setting menu "FRL".

Using the "Up" & "Down" buttons a brightness value "u00" – "uFL" can be entered.

Press the "Mode" button to enter the strobe setting menu "F00".

Using the "Up" & "Down" buttons a brightness value "F00" – "FFL" can be entered.

### **Note:**

The display panel will go blank after 20 seconds if no button is pressed. Pressing any button will show the current menu state.

To revert all stored settings back to default, a reset can be performed.

With the power off, hold "Mode" and "Up" buttons down.

Power on and continue to hold for 5 seconds and then release.

The display will show "rst" followed by model number and software version.

When "Aur" is displayed the reset is complete.

## Aurora Quad Bar 1000N Owner Handbook™



**LANTA**<sup>™</sup>  
PROFESSIONAL LIGHTING

[www.lantalighting.com](http://www.lantalighting.com)