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LANTATM
PROFESSIONAL LIGHTING

Owner Handbook



Aurora 12x12 Hex V2TM
Highpower Outdoor Par Can

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.

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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** 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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IMPORTANT!

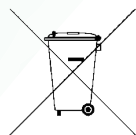
Battery Operated Products

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** 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** for more details.

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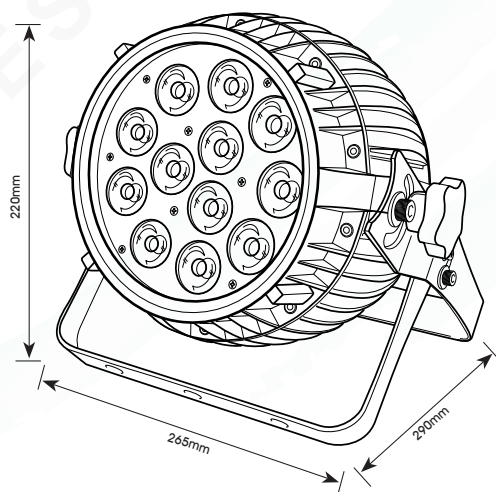
Getting to know your Lanta product

Dazzling and robust, the Lanta Aurora 12x12Hex V2™ is a high power outdoor parcan designed to enhance external features such as hotels, monuments, gardens and office blocks. Powerful LEDs need little maintenance and with low power requirements are both environmentally and commercially friendly. A mouthwatering range of pre-set RGBWAUV colour mixes and chases are included onboard, or as you'd expect, DMX signals are fully supported from remote control gear. In short, the Aurora 12x12Hex V2™ can be quickly installed, easily configured and run with the minimum of fuss.

Model Number	L65114
Light Source	12 x 12W RGBWAUV LEDs
Beam Angle	25°
Control	6, 7, 8 & 11 Channel DMX512, LED display, Wireless DMX
Control Connections	3 Pin Female and Male IP rated
Run Modes	Auto, Built-in Programs, Master/Slave
Ingress Protection	IP67
Construction	Die Cast Steel
Power Requirement	240V AC 50Hz
Power Consumption	150w
Dimensions (mm)	220 x 290 x 265

PLEASE NOTE:

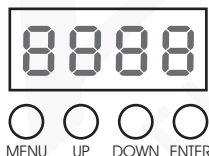
This is a waterproof product, all power cables supplied are without indoor plugs. Please attach the required waterproof plug by a registered electrician.



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Operating Modes

There are distinct operating modes that are supported by this unit. To select, use the "MENU" button to enter the menu. The "UP" and "DOWN" buttons steps through specific settings for each operating mode the "ENTER" button chooses from the values available. Pressing the "MENU" button will then return to the previous menu option.



DMX Address

ADDR

With the LED display is reading "Addr" a DMX address can be chosen. Use the "UP" and "DOWN" buttons step between "001" & "512" for the DMX address you require.

Slave Mode

SLAV

With the LED display is reading "SLav" means the fixture is in slave mode and will mimic the 'Master' fixture, when connected through a DMX cable.

DMX Channels

CHND

With the LED display is reading "Chnd" the DMX channels can be chosen. Use the "UP" and "DOWN" buttons step between the different channels available.

LED Display Shows	DMX Control Mode
6CH	6 CHANNEL
7CH	7 CHANNEL
8CH	8 CHANNEL
11CH	11 CHANNEL

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Node Mode

NODE

With the LED display is reading "noDE", The "UP" and "DOWN" buttons in this mode changes the brightness of the LEDs valued between "0" to "5".

Speed

SP--

With the LED display reading "SP" the speed of the built-in programs can be changed. The "UP" and "DOWN" buttons can select value between "0" and "15".

In Built Programs

PR--

With the LED display is reading "Pr--" a built-in program can be chosen. Use the "UP" and "DOWN" buttons step between "Pr00" & "Pr63".

Colour Jumping

ASC-

With the LED display is reading "ASC-", a colour jumping program can be chosen. Use the "UP" and "DOWN" buttons step between "AC00" & "AC15".

Fade & Strobe

FADE

FLAS

The "UP" and "DOWN" buttons in these mode changes the intensity of the strobe or brightness of the LEDs valued between "01" to "15".

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Single Colour Adjustment

RL--

With the LED display is reading any of the following, the intensity of each colour available can be chosen. The "UP" and "DOWN" buttons steps through specific values for each colour between '000 - 255'.

LED Display Shows	Colour	Value
RL--	RED	000 - R255
GL--	GREEN	000 - G255
BL--	BLUE	000 - B255
AL--	AMBER	000 - W255
UL--	UV	000 - A255
uL--	WHITE	000 - W255

LED Display

LED-

With the LED display is reading "LED-", you can turn the LED display ON or OFF.

When set 'Off', if no button is pressed within 2 minutes the LED will turn off and the buttons will be locked.

To unlock, power off and back on.

RF Function

The Lanta 12x12 Hex V2 requires a WDMX-2 transmitter for the wireless DMX function.

RF--

When the LED display is reading "rf--" the ID setting for the RF can be changed to one of 7 settings. Press 'Enter' and with " rf " flashing use 'Up' select the ID required and 'Enter' to store.

ID1 Red

ID2 Green

ID3 Red + Green

ID4 Blue

ID5 Red+ Blue

ID6 Green + Blue

ID7 Red + Green + Blue

Refer to the WDMX-2 user guide for further details.

When two or more lights are set to the same RF ID one light will act as 'Master' (LED flashing Red) the others will act as 'Slave' (LED flashing green) the first light set via the control buttons.

Note: There is no facility to turn off the RF function.

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DMX Channels

The following tables show the DMX values on each other the available DMX Channels.

6CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	RED
CH2	0-255	GREEN
CH3	0-255	BLUE
CH4	0-255	AMBER
CH5	0-255	WHITE
CH6	0-255	UV

7CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	RED
CH2	0-255	GREEN
CH3	0-255	BLUE
CH4	0-255	AMBER
CH5	0-255	WHITE
CH6	0-255	UV
CH7	0-10	CLOSE STROBE
	11-255	STROBE SPEED

8CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	DIMMING
CH2	0-255	RED
CH3	0-255	GREEN
CH4	0-255	BLUE
CH5	0-255	AMBER
CH6	0-255	WHITE
CH7	0-255	UV
CH8	0-10	CLOSE STROBE
	11-255	STROBE SPEED

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11CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	DIMMING (CH1-7)
CH2	0-255	RED
CH3	0-255	GREEN
CH4	0-255	BLUE
CH5	0-255	AMBER
CH6	0-255	WHITE
CH7	0-255	UV
CH8	0-10	CLOSE STROBE
	11-255	STROBE SPEED
CH9	0-15	NONE
	16-18	R
	19-21	G
	22-24	B
	25-27	A
	28-30	W
	31-33	UV
	34-36	R+G
	37-39	R+B
	40-42	R+A
	43-45	R+W
	46-48	R+UV
	49-51	G+B
	52-54	G+A
	55-57	G+W
	58-60	G+UV
	61-63	B+A
	64-66	B+W
	67-69	B+UV
	70-72	A+W
	73-75	A+UV
	76-78	W+UV
	79-81	R+G+B
	82-84	R+G+A
	85-87	R+G+W
	88-90	R+G+UV
	91-93	R+B+A
	94-96	R+B+W
	97-99	R+B+UV
	100-102	R+A+W
	103-105	R+A+UV

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CH9	106-108	R+W +UV
	109-111	G+B+A
	112-114	G+B+W
	115-117	G+B+UV
	118-120	G+A+W
	121-123	G+A+UV
	124-126	G+W+UV
	127-129	B+A+W
	130-132	B+A+UV
	133-135	B+W+UV
	136-138	A+W+UV
	139-141	R+G+B+A
	142-144	R+G+B+W
	145-147	R+G+B+UV
	148-150	R+G+A+W
	151-153	R+G+A+UV
	154-156	R+G+W+UV
	157-159	R+B+A+W
	160-162	R+B+A+UV
	163-165	R+B+W+UV
	166-168	R+A+W+UV
	169-171	G+B+A+W
	172-174	G+B+A+UV
	175-177	G+B+W+UV
	178-180	G+A+W+UV
	181-183	B+A+W+UV
	184-186	R+G+B+A+W
	187-189	R+G+B+A+UV
	190-192	R+G+B+W+UV
	193-195	R+G+A+W+UV
	196-198	R+B+A+W+UV
	199-201	G+B+A+W+UV
	202-204	R+G+B+A+W+UV
	205-255	AUTO RUN EFFECT
CH10	0-15	NONE
	16-255	COLOUR JUMPING
CH11	0-5	DIMMER0-4
	6-55	DIMMER0
	56-105	DIMMER1
	106-155	DIMMER2
	156-205	DIMMER3
	206-255	DIMMER4

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