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PRO LIGHTING

ALCON™

X-PARQUAD 7WDB

**Great cover with 7x 8Watt RGBA LED
Wireless DMX-512, Battery Powered
DMX, Auto and Sound Modes**



USER MANUAL

ALCON

X-PARQUAD 7WDB RGBA LED

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INTRODUCTION

DESCRIPTION:

The ALCON X-PARQUAD lighting effects fixture is the latest in revolutionary battery powered and main supply wireless controlled color changer with 7 powerful RGBA All-in-One full color LEDs. This light can be operated in a standalone mode, or connected in a Master/Slave configuration. This rechargeable Battery Powered fixture is particularly suitable for events where setup time and/or cabling issues are problematic.

UNPACKING:

Thank you for purchasing the ALCON X-PARQUAD 7WDBLED lighting effects fixture! Every one of our products has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all included accessories necessary to operate the unit have arrived successfully intact.

ENCLOSED: ALCON lighting fixture, IR Remote, power cable, warranty card.

For your own safety, please read this user manual carefully before your initial start-up.

WARNING! To prevent or reduce the risk of electrical shock or fire, DO NOT expose this unit to water, rain, or moisture.

CAUTION: There are no user serviceable parts inside this unit. Do not attempt any repairs yourself. Doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact us.



FEATURES:

The ALCON X-PARQUAD 7WDB RGBA LED Lighting Effects fixture comes with the following features:

- Standard pose-able mounting bracket.
- Battery can be used as external power supply.
- Battery On/Off switch
- Four operation modes: DMX-512 protocol, Auto, Master/Slave, and Sound Activated operating in various modes to form different LED lighting effects
- Auto Mode has 20 preset programs
- Wireless, DMX Linkable, or stand alone operation
- Wireless DMX On/Off switch
- IR Remote
- Dimming without flicker: 0-100%
- 7x 8Watt RGBA LED Sources
- Low Power Consumption. Low Heat
- Plug and Play!

TECHNICAL SPECIFICATIONS

Power supply:	100-240V AC 50/60Hz
Power consumption:	MAX. 50W
Rated Current:	0.5A @ 110v – fuse T3.15A
DMX-control-channels:	4 (Ch. 1, 2,6, 9)
DMX-512-connection:	3-pin XLR In/Out
Wireless:	2.4 Ghz RF
Number of LED:	7x 8W RGBA high MCD Four-in-One LED
Optic Lenses:	30mm lens, standard beam Output intensity = 2200lux+ @ 2m Beam Angle = 24 Field Angle = 48
Dimensions:	10.8" x 10.8" x 7"
Weight:	8.8 lbs
Battery Pack:	12v, 12000mah Charge time = 4 hours Autonomy working time = 10 hours using 2-3 colors

4. Auto Mode

Press the MENU button and scroll to find the **Auto** option, then press ENTER, then MENU to set the mode. and the following functions can be accessed by the repeatedly pressing the button ENTER:

PO-0: run the preset shows: P0-P4 means 5 preset shows, -0 to -9 does color changing 10 speeds;

CF-0: increasing brightness, then decreasing brightness, CF-0 to CF-9 means 10 running modes;

CC-O: color changes, CC-0 to CC-9 means 10 running modes;

CS00: color selections, CS00 to CS99 means 100 colors;

5. Synchronization & Master / Slave mode

Take one unit and set the item to Sound Mode, or Auto Mode as above. To chain other fixtures, press the button MENU, till **SLA** shows in the led display, confirm by pressing the ENTER button, then connect the fixtures to the first unit. at auto/sound active already set by DMX cables, disconnect the items from DMX controller, the items will wok simultaneously, the item at auto/sound active as Master, the others respond as Slaves.

Please note: All information is subject to change without prior notice.

Mode 4: 9 CH

Channel	Value	Function
ch1	0--255	Adjust master Dimmer low to high
ch2	0--255	Adjust red LEDs Dimmer low to high
ch3	0--255	Adjust green LEDs Dimmer low to high
ch4	0--255	Adjust blue LEDs Dimmer low to high
ch5	0--255	Adjust amber LEDs Dimmer low to high
ch6	0--255	0 – 8 LED Flash Off 9 -255 LED shutter speed Adjust low to high
ch7	0--10	default
	11--20	Automatic Dimming(upwards)
	21--30	Automatic Dimming(downwards)
	31--40	Automatic Dimming(upwards /downwards)
	41--50	Four colors fade
	51--60	Four colors flash
	61--70	Nineteen colors flash
	71--80	Fifteen colors flash
	81--90	Five colors fade
	91--100	Red Green and amber fade
	101--110	Red blue and amber fade
111--120	Green blue and amber fade	
>120	Music control color change	
ch8	0--255	Special functions speed or Sound sensitivity Auto program speed adjust
ch9	0--255	0-127 static color change, 128-255 flash color change.(sound mode)

3. Sound Mode

Press the MENU button until **SOUND** shows in the led display, confirm by pressing the button ENTER, then MENU again to save settings. The fixture will run to the beat of ambient sound using its on board microphone.



SETUP

DMX-512 / Connecting between fixtures

Utilizing the XLR (3 pin) DMX connection:

If you are using lighting controllers with this operation, you can connect the DMX-output of the controller directly with the DMX-input of the first fixture in the DMX-chain. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

Building a serial DMX-chain:

To add or continue a chain of fixtures, connect the DMX-output of the first fixture in the chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.

NOTE – TERMINATE THE DMX CHAIN: At the XLR output port of the last fixture in chain, the DMX-circuit has to be terminated with a "Terminator" plug. This is a standard practice, but if a terminator is not available, you can solder a 120 resistor between Signal (-) and Signal (+) into a 3-pin XLR-plug and plug it in the open DMX-jack of the last fixture.

CONNECTING TO POWER – 120v AC

Connect the device to 120 volt power source with the enclosed power supply cable. Use only suitably rated power extension cords with this product.

WARNING! All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch.

OPERATING UNIT

LCD Display:

MENU	Addr	A 001	DMX address adjust : A001---A512
		A 512	
	Auto	At 1	At 01---At 20 20programs

		At 20	
	SPEd	Nast	System all mode loop run
		SP 00	Program speed adjust 0= off 1-31 = fast---slow
	SP 31		
	SLAV	SLA	Slave mode
	CHND	CH 1/CH 2 CH 6/CH 9	DMX channels select
	SENS	1 - 100/Off	Off:close sound mode 1-100:setup up 100 max sensitive
	Soud	Sou1-4	1: Sound static color change ,2: sound flash color change 3: Sound dimmer up change, 4: Sound dimmer down change,
	Mast	On/ Off	on open master signal, off close master signal
	ALLC	0--255	Setup LED master dimmer
	red	R000--R255	Setup red LED dimmer
	grEE	G000--G255	Setup green LED dimmer
	bLuE	B000--B255	Setup blue LED dimmer
	Uhit	U000--U255	Setup amber LED dimmer
	blud	ON/OFF	OFF :close system LED,ON: Open system LED
	LEd	ON/30/60/90/120	ON:Open the display,30= Display off 30s,60= Display off 60s, 90= Display off 90s,120= Display off 120s
	STEF	OFF,1,2,3,4,5	OFF = Close test function 1. Test red LED 2. Test green LED 3. Test blue LED 4. Test amber LED 5. Test red / green / blue / amber LED
	disp	disp/dsip	Display normal or Inversion
	Vgr	V13	Display software version
	rsEt	0 / >90	System all value Reset
CoLr	CO00-CO52	Select like color (1-52)	
rele			
Temp		Display system temperature(system temperature up to 60° fan run)	

TIPS: Start configuration by pressing the MENU button under the LCD Display to enter the menu options. Navigate through options with the ▲ and ▼ arrow buttons. When you find the desired Mode or option, hit ENTER to choose option, then select ENTER again when Desired Option found.

NOTE: You must press MENU again on exiting options to save changes.

1. DMX 512 protocol

Addressing

The LCD DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which defines the first channel from which the fixture will respond to on the controller. If you set, for example, the address to channel 7, the item will use the channel 7 to 14 for control. Be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data chain. If two, three or more items are addressed similarly, they will follow the same.

In DMX mode you can choose the address from 1 to 512. After you connect the item to the power mains, the item is powered and running. When the item finishes resetting, d-OO1 will flash in the led display and then set the desired DMX address by pressing the UP or DOWN buttons.

2. Four DMX Channel Modes:

Mode 1:1CH

Channel	Value	Function
ch1	0--255	0 = Off 1 - 255 = Different colourmacros 36

Mode 2:2CH

Channel	Value	Function
ch1	0--255	0= Off 1 – 255 = Master dimmer
ch2	0--255	0 = Off 1 - 255 = Different colourmacros 36

Mode 3: 6CH

Channel	Value	Function
ch1	0--255	Adjust master Dimmer low to high
ch2	0--255	Adjust red LEDs Dimmer low to high
ch3	0--255	Adjust green LEDs Dimmer low to high
ch4	0--255	Adjust blue LEDs Dimmer low to high
ch5	0--255	Adjust white LEDs Dimmer low to high
ch6	0--255	0 – 8 LED Flash Off 9 -255 LED Flash speed Adjust low to high