

18X18w water-proof par



Model Number: **18X18w 6in1** rgbwa+uv

Please note that as part of our ongoing commitment to continuous product development, specifications are subject to change without notice. Whilst every care is taken in the preparation of this manual we reserve the right to change specifications in the course of product improvement. The publishers cannot be held responsible for the accuracy of the information herein, or any consequence arising from them.

1. INTRODUCTION

Thank you for purchasing Armor par 18X6in1 rgbwa+uv. Please read this user manual carefully and thoroughly before operation. Please keep this user guide for future reference. This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual. The manufacturer/distributors/dealers will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

1.1 What is Included

- a) 1X Armor par 18X18w 6in1 rgbwa+uv
- b) 1X user manual

Carefully unpack the carton, check the contents to ensure that all parts are present and in good condition. Contact your supplier if any part is missing or damaged.

1.3 Safety Instructions



WARNING!!! To reduce risk of fire, electric shock, or injury, follow these important safety instructions

- Avoid brute force when installing or operating the fixture.
- This device is for professional use only. It is not for household use.
- When choosing the installation spot, please make sure that the fixture is not exposed to extreme heat or dust.
- Avoid using the unit in locations subject to possible impacts.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- Always turn off, unplug power and allow fixture to cool before servicing.

- Ensure that fixture is properly grounded. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Make sure power cord is never crimped or damaged. Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not remove the cover under any conditions, unless consent given by distributor. There are no user serviceable parts inside.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 15cm between this device and a wall.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.
- ONLY use the hanging/mounting bracket to carry this product.
- USE a safety cable when mounting this product overhead.
- DO NOT look at the light source when the product is on.

2. SET UP

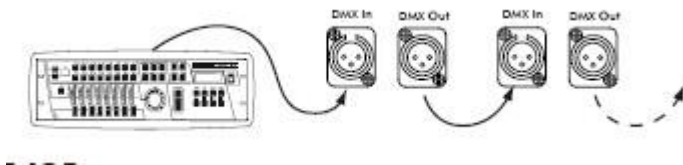
2.1 Mounting

With adjustable mounting double brackets, this unit may be wall mounted, free standing, or clamp mounted.

IMPORTANT!!! Safety cables must always be used. The safety cable must be capable of holding 10 times the weight of the fixture.

2.2 Fixture Linking

To run your light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures in master/slave operating mode, you need DMX cables to link the units from DMX IN to DMX OUT.



Only use standard 110-120 Ohm shielded cable. These are 2 core-screened cables, with each core having at least a 0.5mm diameter. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

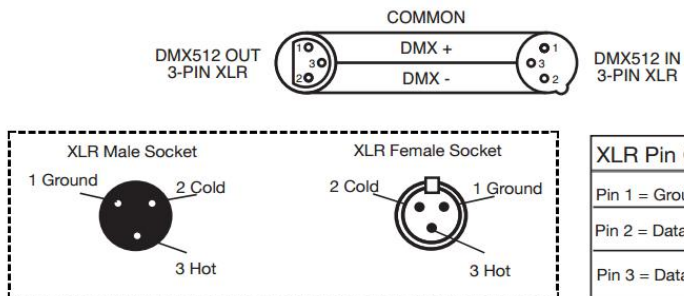
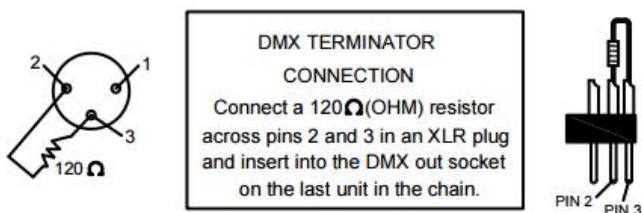


Figure 2

2.2.1 Line Termination

In DMX Mode, at the last fixture in the chain, the DMX output has to be connected with a DMX terminator. This prevents electrical noise from disturbing and corrupting the DMX control signals. The DMX terminator is simply an XLR connector with a 120Ω (ohm) resistor connected across pins 2 and 3, which is then plugged into the output socket on the last projector in the chain. The connections are illustrated below.



2.3 AC Power

This product has an auto-ranging power supply that can work with an input voltage range of 100~240 VAC, 50/60 Hz.

Warning!!! All fixtures must be connected to circuits with a suitable Earth Ground.

3 OPERATION INSTRUCTIONS

3.1 Menu Map

LED DISPLAY FUNCTIONS:

MODE	set the operation modes	
ENTER	set the functions by pressing the buttons UP or DOWN as follow	
A001	A512	DMX mode:select channel 1—6channel 512
d001	d512	DMX mode:select channel 1—10channel 512
CC00	Colorful hopping(CC00----CC99) up and down keys to modify the transition speed	
CP99	Colorful clock change(CP00----CP99) up and down keys to modify the transition speed	
dE99	Colorful combination of change(dE-----dE99)	
dEdF	Master mode :master sound control mode	
SS99	SS01----SS99 Strobe, speed from slow to fast	
F OF	on	Wireless Controller open, OFF Wireless Controller Close
R000	R001----R255	Red bright from weak to strong
G000	G001---G255	Green bright from weak to strong
B000	B001----B255	blue bright from weak to strong
O000	O001----O255	White bright from weak to strong
y000	O001----O255	Amber bright from weak to strong
P000	O001----O255	UV from weak to strong

3.2 Auto Mode

In this mode, you can set the unit to run in static colors, strobe, or do color changing without a DMX controller.

1. Press MENU button until display reads: “ CCxx ”, “CPxx” or “dExx”.
- 2.
2. Press ENTER button and use UP/DOWN button to select number from 00-99 to adjust running speed from slow to fast.

3.3 DMX Mode

In DMX mode, you can control the fixture with a DMX controller.

1. Press MENU button until display reads: “ dxxx/Axxx ” for DMX mode.
2. Then press ENTER button and use Up/Down button to set DMX address for the fixture.

Channel DMX-value Feature (DMX d001)

Dimming	1	0----255	Linear dimming from dim to bright
Red	2	0----255	Red dimming
Green	3	0----255	green dimming
Blue	4	0----255	blue dimming
White	5	0----255	White dimming
Amber	6	0----255	Amber dimming
UV	7	0----255	UV dimming
Strobe	8	1----255	Strobe
Speed	9	0----255	Program speed adjustment
Built-in program	10	0-----49	No response
		50---99	Colorful transition speed
		100-149	Colorful clock change the transition speed
		150-199	Colorful combination of change
		200-255	Voice-activated state

Channel DMX-value Feature (DMX A001)

Red	1	0----255	Red dimming
Green	2	0----255	green dimming
Blue	3	0----255	Blu dimming
White	4	0----255	white dimming
Amber	5	0----255	Amber dimming
UV	6	0----255	UV dimming

3.4 Master/Slave Mode

In this mode, multiple units can be linked together as one system and run in sync. Maximum 31pcs can be linked in a daisy chain as Master/Slave system.

1. Use DMX cable to link your lights together via DMX OUT to DMX IN connector.
2. One of the fixtures is set as Master (refer to 3.1 Menu Map on how to set a fixture as Master) and this unit can then be set to work under any of the Auto, Macro, Static Color, or Sound mode specified in 3.1 Menu Map. Others are to

be set as Slave mode (refer to 3.1 Menu Map on how to set a fixture to Slave mode, if not mentioned then set to DMX address d001).

3. All slave units will follow master unit.

4.SERVICING

4.1 Fuse Replacement

1. Disconnect this product from power.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove blown fuse and replace with a good fuse of the same type and rating.
4. Screw the fuse holder cap back in place and reconnect power

4.2 Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
 2. Clean the external optics with glass cleaner and a soft cloth.
 3. Always be sure to dry all parts completely before plugging the unit back in.
- Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

4.3 Trouble Shooting

1. Unit does not respond to DMX:

Check that the DMX cables are connected properly and are wired correctly (pin 3 is “hot”; on some other DMX devices pin 2 may be ‘hot’). It does matter which way the inputs and outputs are connected.

Disconnect from mains before servicing.

5.TECHNICAL SPECIFICATIONS

WEIGHT&DIMENSIONS

Length	28cm excluding yoke, 36cm including yoke
Depth	27.5cm excluding yoke, 36cm including yoke
Height	26.5cm excluding yoke, 31cm including yoke
Weight	6.8kg

POWER

AC Power	AC110-240V	50/60Hz
Power Consumption	220v0.65A	163W MAX.
Fuse		

LIGHT SOURCE

Beam Angle	18X15W RGBWA+UV LEDs	15 degree
------------	----------------------	-----------

18X6IN1DATA:

LIGHT OUTPUT

