

**LED Par Quad 12**

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**User Manual**



**LED Par Quad 12**

**12 High Powered Tri-Colour LEDs**

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### 1. Safety Instructions

#### FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature.

Avoid exposing it to direct rays of sun near a heating appliance.

Do not put it in a temperature below 41°F/5°C, or exceeding 95°F/35°C.

Keep away from humidity, water and dust.

Do not place the set in a location with a high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

**NO USER SERVICABLE PARTS INSIDE.**

If unit is out of service please contact your point of purchase.

If any troubles arise, remove the power plug and contact your Pro Shop representative for repair. Do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable. Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

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When not using the unit for an extended period of time be sure to disconnect the plug from the receptacle.

### 1.1. Overhead Rigging

This item must be built in a way that it can hold 10 times more of its weight for 1 hour without causing any damages. The installation must be secured with a secondary safety attachment. The Safety attachment has to be constructed in a way that no part of the installation can fall down. When rigging, de-rigging or servicing the fixture staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden. Before taking the device in operation, the installation must be approved by an expert. The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

**IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE.**

Including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installations yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and/or damage to property.

Use only professional trussing system if the item shall be lowered from the ceiling or high joists. Never let the device swing freely in a room.

**CAUTION:** Overhead Items may cause serious injuries when crashing down!! If there is concern about the safety then **DO NOT INSTALL** the device.

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### **DANGER OF FIRE!**

When installing the device, make sure there is no highly-flammable material (decoration articles, etc) within a distance of min. 0.5m.

Mount the projector with the mounting bracket to your trussing system using an appropriate clamp.

For overhead use, always install a safety-rope that can hold at least 10 times the weight of the fixture. You must only use safety –ropes with quick links with screw cap. Pull the safety-rope through the hole in the mounting bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw. The maximum drop distance must never exceed 20cm

A safety rope which already held the strain of a crash or which is defective must not be used again.

### **DANGER TO LIFE!**

Before taking into operation for the first time, the installation has to be approved by an expert.

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### **1.2. Power Connection**

!! CAUTION !!

Never leave this device running unattended!! Every person that is involved with this item has to be qualified!!

Connect item with main plug. The voltage and frequency must exactly be the same as stated on the device. The power plug must always be inserted without force.

### **1.3. Cleaning and Maintenance**

Please make sure that safety-relating and machine-technical installations are inspected by a skilled person once a year.

1. Make sure before installing that all screws are tightly connected and not corroded.
2. There must be no deformations on the housings, fixations and installations spots
3. No damages must be showed on the power supply cables, material fatigue and sediments

If the exterior of the unit is going to be cleaned, please use moist, lint free cloths. Never use alcohol or solvents.

The Cooling fan must be cleaned monthly and check to ensure it is free of obstructions.

To clean the interior of the device please use a vacuum cleaner or an air jet, however we recommend cleaning the lenses weekly to ensure the best output from your unit.

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### 2.0 Menu navigation

Menu	Level 2	Level 3
Auto	Auto 1	Speed (0-100)
	Auto 2	Speed (0-100)
	Auto 3	Speed (0-100)
	Auto 4	Speed (0-100)
	Auto 5	Speed (0-100)
Static	Fix C	RGBW
	Manu C	R (0-255), G (0-255), B (0-255), W (0-255)
Dim mode	Dim Off	
	Dim 1	
	Dim 2	
	Dim 3	
Back Lite	ON	
	10S	
	20S	
	30S	
Info	Test	
	Fix Hours	
	Version	
Address (DMX address)	1-512	
Channel (personality)	10 ch	(set max dmx address to 503)
	5 ch	(set max dmx address to 508)
	4 ch	(set max dmx address to 509)
Master/Slave	Master	
	Slaver	
White Balance	Balance	R (125-255), G (125-255), B (125-255)

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### 3.0 DMX Allocation

#### 4CH MODE:

CHANNEL	VALUES	FUNCTION
1	000-255	Red 0~100%
2	000-255	Green 0~100%
3	000-255	Blue 0~100%
4	000-255	White 0~100%

#### 5CH MODE:

CHANNEL	VALUES	FUNCTION
1	000-255	Master Dimmer 0~100%
2	000-255	Red 0~100%
3	000-255	Green 0~100%
4	000-255	Blue 0~100%
5	000-255	White 0~100%

#### 10CH MODE:

CHANNEL	VALUES	FUNCTION
1	000-255	Master Dimmer 0~100%
2	000-255	Red 0~100%
3	000-255	Green 0~100%
4	000-255	Blue 0~100%
5	000-255	White 0~100%
6	000-010	No function
	011-030	R100% G 0~100% B 0
	031-050	R100~0% G100% B 0
	051-070	R 0 G100% B 0~100%
	071-090	R 0 G100~0% B 100%
	091-110	R0~100% G 0 B 100%
	111-130	R100% G 0 B 100~0%
	131-150	R100% G 0~100% B 0~100%

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	151-170	R100~0% G100~0% B100% W 0~100%
	171-200	R100% G100% B100% W100%
	201-205	Colour Temperature 1 Warm
	206-210	Colour Temperature 2
	211-215	Colour Temperature 3
	216-220	Colour Temperature 4
	221-225	Colour Temperature 5
	226-230	Colour Temperature 6
	231-235	Colour Temperature 7
	236-240	Colour Temperature 8
	241-245	Colour Temperature 9
	246-250	Colour Temperature 10
	251-255	Colour Temperature 11 Cool
7	000-010	No function
	011-255	Strobe Slow ~ Fast
8	000-051	No function
	052-101	Show 1 (Auto program 1)
	102-152	Show 2 (Auto program 2)
	153-203	Show 3 (Auto program 3)
	204-254	Show 4 (Auto program 4)
	255-255	Show 5 (Auto program 5)
9	000-255	Show Speed 0~100% (CH8@ 052-255)
10	000-051	Built-in Dimmer
	052-152	Dimmer 1
	153-203	Dimmer 2
	204-255	Dimmer 3

## LED Par Quad 12

### 4.0 Technical Specifications

Power supply: 100 -240 V AC, 50/60 Hz

Light source: 12 x 8W (500mA x 4)

Quad-colour RGBW LEDs 50,000hrs

Beam angle: 25°

Power consumption: 120W

Equipped with Neutrik PowerCon in/out

AC power: 100V – 240V 50/60Hz

Weight: 2.5kg