

User Manual



LED PixPad Tri-16 DMX

16 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.

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.

IMPORTANT:

If multiple PixPad panels are being rigged together as a larger system, special care must be taken to ensure total loads are adhered to. A maximum of 4 panels should be hung under each other, longer drops require further bracing or load support, please refer to a qualified expert. Horizontally mounted panels should also be picked up from a minimum of every second panel to properly spread the load.



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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.

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.

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.

2.0 Menu navigation

Menu Selection

Options

Extended Options

<p>Auto Show</p> <p>Allows the user to select in built auto show</p>	Auto Show 1	<p>Auto Show Speed 0-100, slow-fast</p>
	Auto Show 2	
	Auto Show 3	
	Auto Show 4	
	Auto Show 5	
	Auto Show 6	
	Auto Show 7	
	Auto Show 8	
	Auto Show 9	
	Auto Show 10	
	Auto Show 11	
	Auto Show 12	
	Fade	

<p>Static</p> <p>Allows the user to select non-changing output colours and shades, as well as setting the master output colour mix</p>	Fixture Color	<p>Fixture Color</p> <p>Choice of 7 static colours</p>
	Manual Color	<p>Manual Color</p> <p>Adjustable levels of Red, Green and Blue</p>
		<p>Value (Default Setting)</p> <p>Adjustable levels of Red, Green and Blue for master setting</p>

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<p>Dimmer Mode</p> <p>Allows the user to select from 4 options of dimming speeds</p>	<p>Off</p> <p>Dimmer 1</p> <p>Dimmer 2</p> <p>Dimmer 3</p>	<p>Dimmer Speed off</p> <p>Dimmer Speed Fast</p> <p>Dimmer Speed Medium</p> <p>Dimmer Speed Slow</p>
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<p>Back Lite</p> <p>Adjusts the setting of the LCD back light</p>	<p>On</p> <p>10s</p> <p>20s</p> <p>30s</p>	<p>LCD Backlight will remain on</p> <p>LCD off after 10 seconds</p> <p>LCD off after 20 seconds</p> <p>LCD off after 30 seconds</p>
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<p>Info</p> <p>Allows user to test and check fixture specifications</p>	<p>Auto</p> <p>Fixture Hours</p> <p>Version</p>	<p>Function test sequence of unit</p> <p>Total fixture running time</p> <p>Fixture software version</p>
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<p>DMX Address</p> <p>Set the unit start address</p>	<p>DMX Address</p>	<p>001-512</p>
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<p>DMX Channel</p> <p>Adjust the DMX mode of the unit</p>	<p>3 Channel Mode</p> <p>5 Channel Mode</p> <p>7 Channel Mode</p> <p>48 Channel Mode</p>	<p>Short RGB mode</p> <p>RGB + dimmer, strobe</p> <p>RGB + dimmer, strobe, macro</p> <p>Wide RGB "pixel" mode</p>
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<p>Master / Slave</p> <p>Allows the unit to be set in slave mode to copy other units on DMX chain</p>	<p>Master</p> <p>Slave</p>	<p>Master Mode</p> <p>Slave Mode</p>
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<p>White Balance</p> <p>Adjustable level of RGB to allow fine tuning of colour output</p>	<p>Balance</p>	<p>Adjustable levels of red, green and blue</p>
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Fan Speed Adjustable speed for fans	Auto High	Auto sensing fan speed Fans at full power
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Temperature Readout of LED PCB temperature	Fixture temperature	
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3.0 DMX Allocation

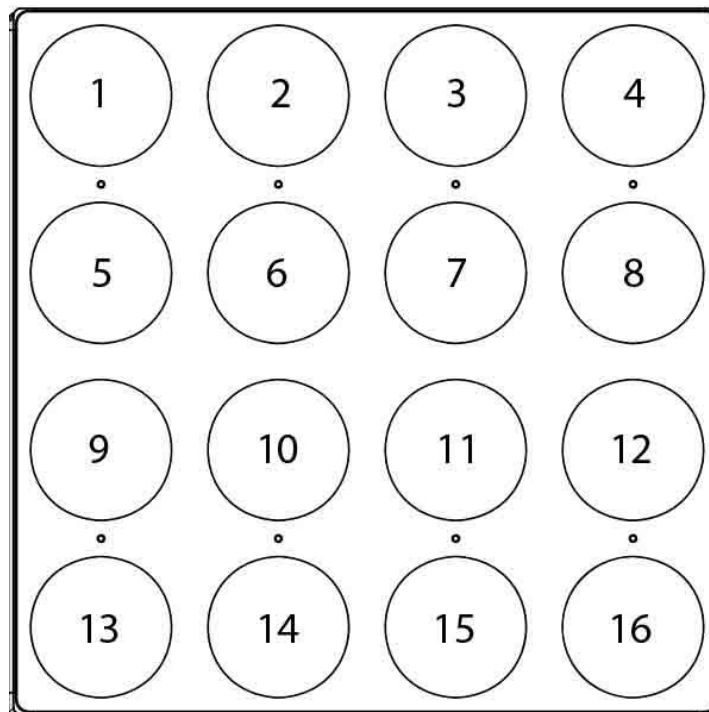
Mode

3ch	5ch	7ch		
1	1	1	Red	000-255
2	2	2	Green	000-255
3	3	3	Blue	000-255
	4		Dimmer	000-255
	5		Shutter	000-000 No Function 001-005 Random Auto Show 006-010 Open 011-255 Strobe Slow to Fast
		4	Shutter	000-010 No Function 011-255 Strobe Slow to Fast
		5	Chase	000-010 No Function 011-030 Chase 1 031-050 Chase 2 051-070 Chase 3 071-090 Chase 4 091-110 Chase 5

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				111-130 Chase 6 131-150 Chase 7 151-170 Chase 8 171-190 Chase 9 191-210 Chase 10 211-230 Chase 11 231-250 Chase 12 251-255 Random Auto Show(1-12)
		6	Speed	000-255 Speed Slow to Fast
		7	Dimmer	000-255 0%-100%

48 channel mode is 3 channel, red, green and blue control for each pixel, channels 1-3, 4-6 and so on. Please refer to the following diagram for pixel layout.



4.0 TECHNICAL SPECIFICATIONS

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

Fuse: T 5 A, 250 V

Power consumption: 390 W

Light Source: LED

Dimensions (LxWxH): 459 x 459 x 215 mm

Weight: 11 kg

Maximum ambient temperature Ta: 45° C

Maximum housing temperature TC (steady state): 65°