



LED ColorBar



User's Manual

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Unpacking: Thank you for purchasing the LED ColorBar by Adkins Pro Lighting. Every LED ColorBar 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 accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact our customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Installation: The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 5 times the unit's weight. Also, always use a safety cable that can hold 6 times the weight of the unit when installing the fixture. The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.

Caution! No user serviceable parts inside do not attempt repairs. In the event your LED ColorBar should fail, contact Adkins Pro Lighting.

Introduction

The Adkins Lighting LED ColorBar is a high quality, high power, intelligent, DMX Light fixture. This fixture can be used in standalone mode, DMX Controller mode or connected in a Master/Slave configuration. Please read these instructions carefully to familiarize yourself with the basic operations of this unit.

Note:

The data inside this Manual may changed without notifying you due to continuous improvement.

Safety specifications

- This device for indoor use only, the protection grade is: IP20
- The installation, operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.
- The light was designed to protect against electric shock and must connected to an outlet that is well grounded.
- Please check if the voltage is AC 100-240V/50-60Hz before installing.
- Do not operate when the cover is opened.
- No user serviceable parts inside.
- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. 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.
- Disconnect from main power before making any type of connection.

- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when its cover is removed.
- Never plug this unit in to a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- During long periods of non-use, disconnect the unit's main power
- Always mount this unit in safe and stable matter
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.

Features

- Control Channels: 2, 4 or 13 DMX Channels
- Control Mode: Sound Active mode, Auto mode, RGB mode, Master Slave, DMX control mode
- Working Environment: Indoor, -20°-40°
- Mixing Color: RGB mixing color
- IP Grade: IP20
- Power Supply: AC 100-240V/50-60Hz
- LED Unites: 252 pcs (Red: 84, Green: 84, Blue 84)
- Led Beam Angle: 30 degrees
- Power consumption: 28W
- Weight: 6.6lb(1pc/CTN)
- Dimensions: 42" x 4.7" x 4.7"

Operation

- DMX address setting: The LED MINI DERBY uses 8 DMX channels. To set the DMX starting channel address press the MODE button until you see A--- , then use the UP and DOWN buttons to select the desired starting address, then press the ENTER button to save. DMX starting address can be A001 - A512. See the DMX channel functions below.
- Internal program running: There are several internal programs to choose from. Press the MODE button to choose different programs. See chart below.

Mode Button selections:

Working Modes are: DMX mode, AUTO mode, EDIT mode, SLAVE mode

d.001 - d.512 = DMX Control mode. choices: d-P1 (4 ch DMX), d-P2 (13 ch DMX), d-P3 (2 ch DMX)
See DMX mode operation charts below

AUTO = Automatic mode. Choices: At.01 - At.22 (see Auto Mode chart below)

EDIT = Edit mode. Choices are Pr.01 - Pr.18 (see Edit Mode chart below)

SLAV = Slave mode - copies master

DMX Channel Values & Functions

4 DMX channels: DMX mode: d-p1

	Value	Description
CH1	0-255	Master Dimmer RGB
CH2	0-255	RED Dimmer
CH3	0-255	GREEN Dimmer
CH4	0-255	BLUE Dimmer

2 DMX channels: DMX mode: d-p3

CH1		CH2
Value	Description	
0-9	OFF	
10-19	RED	0-255 Dimmer
20-29	GREEN	
30-39	BLUE	
40-49	YELLOW	
50-59	CYAN	
60-69	PURPLE	
70-79	WHITE	
80-89	Program 04	
90-99	Program 05	
100-109	Program 06	
110-119	Program 07	
120-129	Program 08	
130-139	Program 09	
140-149	Program 10	
150-159	Program 11	
160-169	Program 12	
170-179	Program 13	
180-189	Program 14	
190-199	Program 15	
200-209	Program 16	
210-229	Program 17 (Sound mode 1)	
230-255	Program 18 (Sound mode 2)	

13 DMX channels: DMX mode: d-p2

	Value	Description
CH1	0-255	Master Dimmer RGB
CH2	0-255	RED section 1 Dimmer
CH3	0-255	GREEN section 1 Dimmer
CH4	0-255	BLUE section 1 Dimmer
CH6	0-255	RED section 2 Dimmer
CH7	0-255	GREEN section 2 Dimmer
CH8	0-255	BLUE section 2 Dimmer
CH9	0-255	RED section 3 Dimmer
CH10	0-255	GREEN section 3 Dimmer
CH11	0-255	BLUE section 3 Dimmer
CH12	0-255	RED section 4 Dimmer
CH13	0-255	GREEN section 4 Dimmer
CH14	0-255	BLUE section 4 Dimmer

Auto Mode

Item	Display	Function
1	Ar.01	Static RED
2	Ar.02	Static GREEN
3	Ar.03	Static BLUE
4	Ar.04	Static YELLOW
5	Ar.05	Static CYAN
6	Ar.06	Static PURPLE
7	Ar.07	Static White
8	Ar.08	
9	Ar.09	
10	Ar.10	
11	Ar.11	
12	Ar.12	
13	Ar.13	
14	Ar.14	
15	Ar.15	
16	Ar.16	
17	Ar.17	
18	Ar.18	
19	Ar.19	
20	Ar.20	
21	Ar.21	Sound Mode 1
22	Ar.22	Sound Mode 2

Edit Mode

Item	Display	Function	Data	
1	Pr.01	Static RED	000-255	
2	Pr.02	Static GREEN	000-255	
3	Pr.03	Static BLUE	000-255	
4	Pr.04	Speed - Dim Slow to Fast	000-255	
5	Pr.05		000-255	
6	Pr.06		000-255	
7	Pr.07		000-255	
8	Pr.08		000-255	
9	Pr.09		000-255	
10	Pr.10		000-255	
11	Pr.11		000-255	
12	Pr.12		000-255	
13	Pr.13		000-255	
14	Pr.14		000-255	
15	Pr.15		000-255	
16	Pr.16		000-255	
17	Pr.17		Sound Mode 1	000-255
18	Pr.18		Sound Mode 2	000-255

Customer Support: Adkins Pro Lighting provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.adkinsprolighting.com for any comments or suggestions. Service Hours are Monday through Friday 10:00 a.m. to 5:00 p.m. Eastern Standard Time.

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See website for warranty details -
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