



LED DERBY



User's Manual

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Unpacking: Thank you for purchasing the LED Derby by Adkins Pro Lighting. Every LED Derby 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 Derby should fail, contact Adkins Pro Lighting.

Introduction

The Adkins Lighting LED Derby 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 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 110-120V/50-60Hz before installing.
- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- 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.
- 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.
- 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: 7 DMX Channels
- DMX Connector: 3-Pin DMX In/Out
- Control Mode: Sound Active mode, Auto mode, RGB mode, Master Slave, DMX512 control mode, Remote Control
- Mixing Color: RGB mixing color
- IP Grade: IP20
- Power Supply: AC 110-120V/50-60Hz
- LED Units: 9x3W Red/Green/Blue/White/Orange/Purple/Yellow/UV/Warm White
- Power consumption: 30W
- Weight: 3.3lbs (1pc/CTN)

Operation

- DMX address setting: The LED 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 - A511. See the DMX channel functions below.
- Fixtures connected by DMX link cable must be daisy chained in one single line. Maximum recommended serial data link distance: 500 meters (1640 ft.) Maximum recommended number of fixtures linked by DMX cable: 32 fixtures
- **Navigation through the Control Panel** Access control panel functions using the four panel buttons located directly underneath the LCD Display.

Function Setting

Mode	Function	Motor Speed	Control Effects
A1	Auto	1-9	Red, Blue, Warm White ON, Motor speed from slow to fast
A2			Orange, White, Yellow ON, Motor speed from slow to fast
A3			Green, Purple, UV Motor speed from slow to fast
A4			3 Color Jump change, Motor speed from slow to fast
A5			9 Color jump change, Motor speed from slow to fast
A6			Gradual Change 1, Motor speed from Slow to fast w/o strobe
A7			Gradual Change 2, Motor speed from Slow to fast with strobe effects
S1	Sound	0-20	Sound mode, Color change, Strobe, Light on black out
S2			Sound mode, Color change, Motor speed From fast to slow
A001	001-512		DMX Control

DMX Control

CH	Function	DMX Value	Control Effects
1	Master Dimmer	0-7 8-255	Black out 0-100% Linear Dimmer
2	Red, Blue, Light Yellow	0-7 8-255	Black out 0-100% Linear Dimmer
3	Orange, White, Yellow	0-7 8-255	Black out 0-100% Linear Dimmer
4	Green, Purple, Dark Blue	0-7 8-255	Black out 0-100% Linear Dimmer
5	Strobe	0-10 11-255	No strobe Strobe, 6 Grade Speed
6	Motor	0-5 6-127 128-255	Motor Stop Static Position Oscillation, 9 Grade Speed
7	Choose Program	0-9 10-39 40-69 70-99 100-129 130-159 160-189 190-219 220-249 250-255	Manual, CH1-6 Available A1 Red, Blue, Warm White ON, Motor speed from slow to fast A2 Orange, White, Yellow ON, Motor speed from slow to fast A3 Green, Purple, UV, Motor speed from slow to fast A4 3 Color jump change, Motor speed from slow to fast A5 9 Color jump change, Motor speed from slow to fast A6 Gradual change 1, Motor speed from slow to fast A7 Gradual change 2, Motor speed from slow to fast S1 SOUND 1 S2 SOUND 2



Remote Button Details Below:

ON/OFF: Switch ON/OFF the Light

DMX ON/OFF : Switch ON/OFF DMX

STOP START : Motor Static

MUSIC 1: Sound 1

MUSIC 2: Sound 2

MUSIC 3: Sound 3

FLASH : Strobe

A1: Red + Blue + Warm White

A2: Orange + White + Yellow

A3: Green +Purple + UV

A4: 3 color jump change

A5: 9 Color jump change

A6: Gradual change 1

A7: Gradual change 2

SPEED +/- : Motor speed +/-

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 - www.adkinsprolighting.com