



## PRO 38B LED RC



### User Instructions

American DJ®  
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#### PRO38B LED RC

#### Introduction

**Unpacking:** Thank you for purchasing the PRO38B LED RC by American DJ®. Every PRO38B LED RC 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 toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

**Introduction:** The American DJ® PRO38B LED RC is part of a continuing pursuit to create high quality intelligent lighting. The PRO38B LED RC is a DMX intelligent, high powered LED par can. This fixture can be used in a stand alone mode or connected in a Master/Slave configuration. This par can has six operating modes: Manual Color mode, Color Change mode, Color Fade mode, Sound Active mode, Auto mode, and DMX control mode.

**Customer Support:** American DJ 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.AmericanDJ.com](http://www.AmericanDJ.com) for any comments or suggestions. Service Hours are Monday through Friday 9:00 a.m. to 5:00 p.m. Pacific Standard Time.

Voice: (323) 582-3322  
Fax: (323) 582-3108  
E-mail: [support@AmericanDJ.com](mailto:support@AmericanDJ.com)

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact American DJ.

**PLEASE recycle the shipping carton when ever possible.**

**PRO38B LED RC****General Instructions**

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

**PRO38B LED RC****Features**

- ADJ LED RC (Infrared Remote Control)
- RGB Color Mixing
- 32 Built-In Color Macros
- Six Operating Modes
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- 7 DMX Modes: 1 Channel Mode, 2 Channel Mode, 3 Channel Mode, 4 Channel Mode, 5 Channel Mode, 6 Channel Mode, and 7 Channel Mode.

**PRO38B LED RC****Warranty Registration**

The PRO38B LED RC carries a two year limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain a R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

**PRO38B LED RC****Safety Precautions**

- 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.
- Be sure that the local power outlet match that of the required voltage for 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 it's 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.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- 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.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 18 for cleaning details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

**Power Supply:** The American DJ PRO38B LED RC contains an electronic voltage switch, which will auto sense the voltage when it is plugged into the power source. With the electronic ballast you do not need to worry about wall voltage, this unit can be plugged in anywhere.

**DMX-512:** DMX is short for Digital Multiplex. This is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

**DMX Linking:** DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

#### Data Cable (DMX Cable) Requirements (For DMX Operation):

The PRO38B LED RC can be controlled via DMX-512 protocol. The PRO38B LED RC has 7 DMX modes, please see page 9 for the different modes. The DMX address is set on the back panel of the PRO38B LED RC. Your unit and your DMX controller require a standard 3-pin XLR connector for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all pro lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.



Figure 1

**Notice:** Be sure to follow figures two and three when making your own

cables. 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.

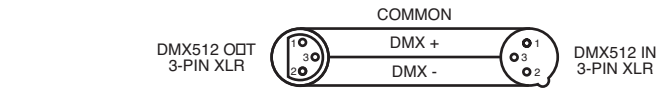


Figure 2

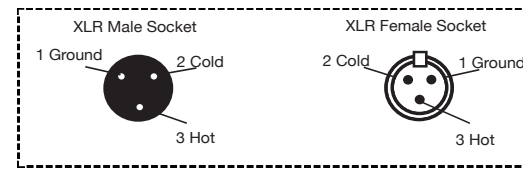


Figure 3

| XLR Pin Configuration |                            |
|-----------------------|----------------------------|
| Pin 1 =               | Ground                     |
| Pin 2 =               | Data Compliment (negative) |
| Pin 3 =               | Data True (positive)       |

**Special Note: Line Termination.** When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

**5-Pin XLR DMX Connectors.** Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables in to a 3-pin line a cable adaptor must be used, these adaptors are readily available at most electric stores. The chart below details a proper cable conversion.

| 3-Pin XLR to 5-Pin XLR Conversion |                        |                     |
|-----------------------------------|------------------------|---------------------|
| Conductor                         | 3-Pin XLR Female (Out) | 5-Pin XLR Male (In) |
| Ground/Shield                     | Pin 1                  | Pin 1               |
| Data Compliment (- signal)        | Pin 2                  | Pin 2               |
| Data True (+ signal)              | Pin 3                  | Pin 3               |
| Not Used                          |                        | Do Not Use          |
| Not Used                          |                        | Do Not Use          |

**LED Display On/Off:** To make the display stay ON all of the time press the MODE and UP buttons at the same time. To make the display turn OFF after 20 seconds, press the MODE and DOWN buttons at the same time.

### **Operating Modes:**

The PRO38B LED RC has 6 operating modes:

- Manual Color Mode - Select one of 7 different colors to remain static.
- Color Change Mode - In this mode the unit will change through the different colors. The change speed is adjustable.
- Color Fade Mode - In this mode the unit will fade in and out through the different colors. The fade speed is adjustable.
- Auto Mode - In this mode the unit will change through the color change and color fade.
- Sound-Active mode - The unit will react to sound, chasing through the built in programs.
- DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller such as as the Elation® Show Designer™.

### **Master-Slave Operation:**

This function will allows you to link units together to run in a Master-Slave mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the “Master.”

### **Master-Slave Connections and Settings:**

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR microphone cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Set the “Master” unit to your desired mode or operation.
3. For the “Slave” unit(s), press the MODE button until “S.L.A.” is displayed. When this is displayed your unit is set as a “Slave”.
4. Connect the “Slave” unit or units and they will automatically start to follow the “Master.”

### **Sound Active Mode:**

In this mode the PRO38B LED RC will react to sound, and chase through the different colors.

1. Plug the fixture in and press the MODE button until “S.XX” is displayed. The fixture will now change color via sound.
2. You can press the UP or DOWN buttons to adjust the sound sensitivity level. The level can be adjusted from “S.00” the least sensitive, to “S.31” the most sensitive.

### **Static Color Mode:**

In this mode you can choose a desired color to remain static.

1. Plug the fixture in and press the MODE button until “C.L.X” is displayed. “X” = 0-7.
2. Press the UP or DOWN buttons to adjust “X” between 0-7.

### **Color Change Mode:**

In this mode the PRO38B LED RC will change through the different colors.

1. Plug the fixture in and press the MODE button until “J.XX” is displayed. “XX” = 01-99 which is the adjustable rate of the speed change.
2. Press the UP or DOWN buttons to adjust the speed of the color change.

### **Color Fade Mode:**

In this mode the PRO38B LED RC will fade in and out of the different colors.

1. Plug the fixture in and press the MODE button until “F.XX” is displayed. “XX” = 01-99 which is the adjustable rate of the speed change.
2. Press the UP or DOWN buttons to adjust the speed of the color change.

### **Auto Mode:**

1. Plug the fixture in and press the MODE button until “A.--” is displayed. You are now in AUTO mode and the fixture will now cycle through the color change and color fade.

**DMX Mode:**

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your fixtures as spot lights. The PRO38B LED RC has 7 DMX modes: 1 Channel mode, 2 Channel mode, 3 Channel mode, 4 Channel mode, 5 Channel mode, 6 Channel mode, and a 7 Channel mode. See pages 12-17 for each modes' DMX traits.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.
2. Press the MODE button until "CH.X" is displayed. "X" represents the DMX Channel mode, i.e. "CH.5" is 5 Channel mode. Press the UP or DOWN buttons to select your desired DMX Channel mode.
3. When you have found your desired channel mode wait at least 7 seconds, the display will begin to flash and the display will change to address mode.
4. Using the UP or DOWN buttons set your desired DMX address.
5. Once you have found your desired DMX address plug in the fixture via the XLR connections to any standard DMX controller.
6. Please see pages 12-17 for DMX values and traits.

The **ADJ LED RC** infrared remote has many different functions and gives you complete control of your PRO38B LED RC. To control the your desired fixture you must aim the controller at the front of the fixture and be no more than 30 feet away.

**BLACKOUT** - Pressing this button will blackout the fixture.

**AUTO RUN** - This button will run an automatic program. While Auto Run is active, the FLASH (strobe) mode can also be active, see FLASH below.

**PROGRAM SELECTION** - This button will let you access the units built-in programs. Pressing this button to choose either seven color change, seven color fade, or press this button to choose a static color. To control the speed of the color change and color fade, press the "SP" (speed) button and then press the "+" or "-" to adjust the speed of the fade or change.

To select a static color press the "PROG" button until no LED's glow then either press the 1-7 buttons to select your desired static color or press the "+" or "-" to scroll through the colors. 1 is red, 2 is green, 3 is blue, 4 is yellow, 5 is purple, 6 is cyan, and 7 is white.

**Note:** When using the "+" or "-" to scroll through the colors you will find additional combo colors, i.e. red and blue, blue and green, green and red, and red, green, blue.

**FLASH** - This button will activate the strobe effect. You can control the flash rate by pressing the "+" and "-" buttons. Press this button again to exit strobe mode.

**SPEED** - Press this button and use the "+" & "-" buttons to adjust the speed of the programs. See PROGRAM SELECTION above.

**DMX MODE** - This button will let you select which DMX mode you want to use. Some fixtures will come with different DMX channel modes. This button will switch between the different modes. Please see pages 11-17 for DMX control, modes, values, and traits.

**SOUND ACTIVE** - This button activates sound active mode.

**SLAVE** - This designates the fixture as a slave fixture in a master/slave configuration.

**SET ADDRESS** - Press this button to set the DMX address. Press this button first, then press the numbers to set the address.

**Example: DMX Address 1 Press "S001"**

**DMX Address 245 Press "S245"**

**R G B** - Press either one of these buttons and then press the "+" or "-" to adjust the brightness.

“+” and “-” - Use these buttons to adjust the flash rate, speed of the Auto Run, sound sensitivity, and program selection.

#### DMX Control:

Operating through an Elation® DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. Follow the directions below to set your DMX Mode and address.

1. Before connecting to an Elation® DMX controller, your fixture has different DMX channel modes, please select your desired mode by pressing the DMX Mode button, then using the “+” or “-” buttons to scroll through the DMX Channel Modes. Set the mode before you address the fixture. See the bottom of this page for the DMX modes.
2. After you have selected your mode, set the DMX address for the fixture by pressing the “S” button. When the “S” button is pressed the LED’s will flash 2-3 times and all the red LED’s will light. Use the number buttons to press in your desired address. See **“SET ADDRESS”** on page 10 for examples.

**Note:** When setting the DMX address each time a number is pressed a LED color will glow, when you have set the DMX address correctly all LED’s will flash 2-3 times.

3. Now you may connect the fixture via the XLR connections to any standard Elation® DMX controller. Please see pages 12-17 for a detailed description of the DMX modes, values, and traits.

- If all of the Red LED’s glow you are in DMX Mode 1: 1 DMX Channels
- If all of the Green LED’s glow you are in DMX Mode 2: 2 DMX Channels
- If all of the Blue LED’s glow you are in DMX Mode 3: 3 DMX Channels
- If Red LED’s & Green LED’s glow you are in DMX Mode 4: 4 DMX Channels
- If Red LED’s & Blue LED’s glow you are in DMX Mode 5: 5 DMX Channels
- If Green LED’s & Blue LED’s glow you are in DMX Mode 6: 6 DMX Channels
- If all of the LED’s glow you are in DMX Mode 7: 7 DMX Channels

| Channel | Value     | Function          |
|---------|-----------|-------------------|
| 1       | 1 - 7     | COLOR MACROS      |
|         | 8 - 15    | BASTARD AMBER     |
|         | 16 - 23   | MEDIUM AMBER      |
|         | 24 - 31   | PALE AMBER GOLD   |
|         | 32 - 39   | GALLO GOLD        |
|         | 40 - 47   | GOLDEN AMBER      |
|         | 48 - 55   | LIGHT RED         |
|         | 56 - 63   | MEDIUM RED        |
|         | 64 - 71   | MEDIUM PINK       |
|         | 72 - 79   | BROADWAY PINK     |
|         | 80 - 87   | FOLLIES PINK      |
|         | 88 - 95   | LIGHT LAVENDER    |
|         | 96 - 103  | SPECIAL LAVENDER  |
|         | 104 - 111 | LAVENDER          |
|         | 112 - 119 | INDIGO            |
|         | 120 - 127 | HEMSLEY BLUE      |
|         | 128 - 135 | TIPTON BLUE       |
|         | 136 - 143 | LIGHT STEEL BLUE  |
|         | 144 - 151 | LIGHT SKY BLUE    |
|         | 152 - 159 | SKY BLUE          |
|         | 160 - 167 | BRILLIANT BLUE    |
|         | 168 - 175 | LIGHT GREEN BLUE  |
|         | 176 - 183 | BRIGHT BLUE       |
|         | 184 - 191 | PRIMARY BLUE      |
|         | 192 - 199 | CONGO BLUE        |
|         | 200 - 207 | PALE YELLOW GREEN |
|         | 208 - 215 | MOSS GREEN        |
|         | 216 - 223 | PRIMARY GREEN     |
|         | 224 - 231 | DOUBLE CTB        |
|         | 232 - 239 | FULL CTB          |
|         | 240 - 247 | HALF CTB          |
|         | 248 - 255 | DARK BLUE         |
|         |           | WHITE             |

| PRO38B LED RC DMX Values & Traits - 2 Channel |         |                                                     |
|-----------------------------------------------|---------|-----------------------------------------------------|
| Channel                                       | Value   | Function                                            |
| 1                                             | 1 - 255 | COLOR MACROS<br>(See 1 Channel DMX mode for colors) |
| 2                                             | 1 - 255 | DIMMER 0% - 100%                                    |

| PRO38B LED RC DMX Values & Traits - 3 Channel |         |                    |
|-----------------------------------------------|---------|--------------------|
| Channel                                       | Value   | Function           |
| 1                                             | 1 - 255 | RED<br>0% - 100%   |
| 2                                             | 1 - 255 | GREEN<br>0% - 100% |
| 3                                             | 1 - 255 | BLUE<br>0% - 100%  |

| PRO38B LED RC DMX Values & Traits - 4 Channel |         |                            |
|-----------------------------------------------|---------|----------------------------|
| Channel                                       | Value   | Function                   |
| 1                                             | 1 - 255 | RED<br>0% - 100%           |
| 2                                             | 1 - 255 | GREEN<br>0% - 100%         |
| 3                                             | 1 - 255 | BLUE<br>0% - 100%          |
| 4                                             | 1 - 255 | MASTER DIMMER<br>0% - 100% |

| PRO38B LED RC DMX Values & Traits - 5 Channel |         |                                           |
|-----------------------------------------------|---------|-------------------------------------------|
| Channel                                       | Value   | Function                                  |
| 1                                             | 1 - 255 | RED<br>0% - 100%                          |
| 2                                             | 1 - 255 | GREEN<br>0% - 100%                        |
| 3                                             | 1 - 255 | BLUE<br>0% - 100%                         |
| 4                                             | 1 - 255 | MASTER DIMMER<br>0% - 100%                |
| 5                                             |         | COLOR MACROS<br>PLEASE SEE CHANNEL 1 MODE |

| PRO38B LED RC DMX Values & Traits - 6 Channel |                    |                                                     |
|-----------------------------------------------|--------------------|-----------------------------------------------------|
| Channel                                       | Value              | Function                                            |
| 1                                             | 1 - 255            | RED<br>0% - 100%                                    |
| 2                                             | 1 - 255            | GREEN<br>0% - 100%                                  |
| 3                                             | 1 - 255            | BLUE<br>0% - 100%                                   |
| 4                                             | 1 - 255            | COLOR MACROS<br>(See 1 Channel DMX mode for colors) |
| 5                                             | 0 - 15<br>16 - 255 | <u>STROBING</u><br>NOTHING<br>STROBING SLOW - FAST  |
| 6                                             | 1 - 255            | MASTER DIMMER<br>0% - 100%                          |

# PRO38B LED RC      DMX Values & Functions - 7 Channel

| CHANNEL | VALUE                                                       | FUNCTION                                                                                                    |
|---------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1       | 1 - 255                                                     | RED<br>0% - 100%                                                                                            |
| 2       | 1 - 255                                                     | GREEN<br>0% - 100%                                                                                          |
| 3       | 1 - 255                                                     | BLUE<br>0% - 100%                                                                                           |
| 4       | 1 - 255                                                     | COLOR MACROS<br>(See 1 Channel DMX mode for colors)                                                         |
| 5       | 0 - 15<br>16 - 255                                          | NOTHING<br>STROBING/SPEED CONTROL                                                                           |
| 6       | 0 - 127<br>128 - 159<br>160 - 191<br>192 - 223<br>224 - 255 | SLOW - FAST<br>MODE<br>COLOR ADJUSTMENT<br>COLOR MIXING<br>3 COLOR CHANGE<br>7 COLOR CHANGE<br>SOUND ACTIVE |
| 7       | 1 - 255                                                     | MASTER DIMMER<br>0% - 100%                                                                                  |

Channel 1, 2, and 3 will not work, when Channel 4 is being used.

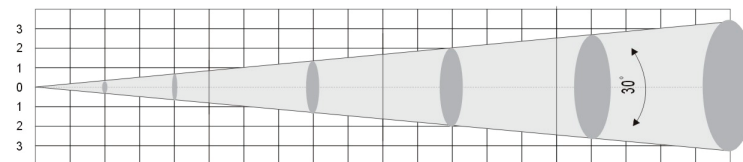
When using Channel 6, Channel 5 will control the speed of the color changing.

# PRO38B LED RC

# Photometrics

## Red

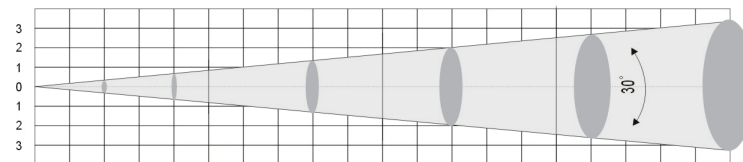
R      3160 — 1165 — 315 — 146 — 73.8 — 49.3 lux



|       |       |        |        |        |        |                  |
|-------|-------|--------|--------|--------|--------|------------------|
| 1.64' | 3.28' | 6.56'  | 9.84'  | 13.11' | 16.39' | Distance(Feet)   |
| 0.5   | 1     | 2      | 3      | 4      | 5      | Distance(Meters) |
| 1.80' | 3.61' | 7.223' | 10.83' | 14.44' | 18.04' | Diameter(Feet)   |
| 0.55  | 1.1   | 2.2    | 3.3    | 4.4    | 5.5    | Diameter(Meters) |

## Green

G      3140 — 1069 — 336 — 138.2 — 77.3 — 49.5 lux



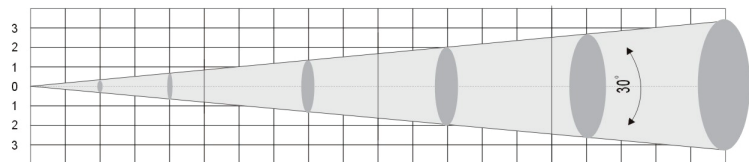
|       |       |        |        |        |        |                  |
|-------|-------|--------|--------|--------|--------|------------------|
| 1.64' | 3.28' | 6.56'  | 9.84'  | 13.11' | 16.39' | Distance(Feet)   |
| 0.5   | 1     | 2      | 3      | 4      | 5      | Distance(Meters) |
| 1.80' | 3.61' | 7.223' | 10.83' | 14.44' | 18.04' | Diameter(Feet)   |
| 0.55  | 1.1   | 2.2    | 3.3    | 4.4    | 5.5    | Diameter(Meters) |

## PRO38B LED RC

## Photometrics

### Blue

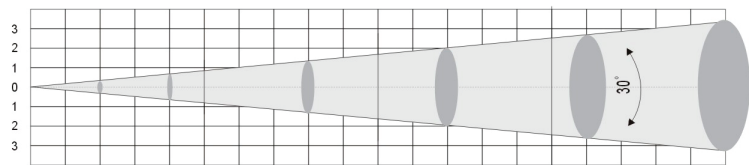
B 2870 — 1245 — 352 — 158 — 85.7 — 54.3 lux



|       |       |        |        |        |        |                  |
|-------|-------|--------|--------|--------|--------|------------------|
| 1.64' | 3.28' | 6.56'  | 9.84'  | 13.11' | 16.39' | Distance(Feet)   |
| 0.5   | 1     | 2      | 3      | 4      | 5      | Distance(Meters) |
| 1.80' | 3.61' | 7.223' | 10.83' | 14.44' | 18.04' | Diameter(Feet)   |
| 0.55  | 1.1   | 2.2    | 3.3    | 4.4    | 5.5    | Diameter(Meters) |

### RGB Full On

RGB 7090 — 2970 — 888 — 405 — 276 — 128 lux



|       |       |        |        |        |        |                  |
|-------|-------|--------|--------|--------|--------|------------------|
| 1.64' | 3.28' | 6.56'  | 9.84'  | 13.11' | 16.39' | Distance(Feet)   |
| 0.5   | 1     | 2      | 3      | 4      | 5      | Distance(Meters) |
| 1.80' | 3.61' | 7.223' | 10.83' | 14.44' | 18.04' | Diameter(Feet)   |
| 0.55  | 1.1   | 2.2    | 3.3    | 4.4    | 5.5    | Diameter(Meters) |

## PRO38B LED RC

## Fuse Replacement

First unplug the power. The fuse holder is located next to the power cord. Using a flat-head screw driver unscrew the fuse holder. Remove the bad fuse and replace with a new one.

## PRO38B LED RC

## Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

### *Unit not responding to DMX:*

1. 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’). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

### *Unit does not respond to sound:*

1. Quiet or high pitched sounds will not activate the unit.
2. Make sure that you are in Sound Active mode.

## PRO38B LED RC

## 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 every 20 days.
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).

## PRO38B LED RC

## Warranty

### MANUFACTURER'S LIMITED WARRANTY

A. American DJ, Inc. hereby warrants, to the original purchaser, American DJ and American Audio products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service you must obtain a Return Authorization number (RA#) before sending back the product. Contact American DJ, Inc. Service Department at 800-322-6337. Send the product only to the American DJ, Inc. factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, American DJ, Inc. will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in it's original package. No accessories should be shipped with the product. If any accessories are shipped with the product, American DJ, Inc. shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which American DJ, Inc. concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American DJ, Inc. factory unless prior written authorization was issued to purchaser by American DJ, Inc.; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up. During the period specified above, American DJ, Inc. will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of American DJ, Inc. under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of American DJ. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. American DJ, Inc. reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by American DJ, Inc. in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall American DJ, Inc. be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to American DJ and American Audio Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

### MANUFACTURER'S LIMITED WARRANTY PERIODS:

- All American Audio Products = 1-year (365 day) Limited Warranty (except V-Plus Series Amplifiers)
- All American Audio V-Plus Series Amplifiers = 3-year (1095 day) Limited Warranty
- American DJ Lighting and American DJ Branded Products = 1-year (365 day) Limited Warranty (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobos, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding Laser Products, lamps, and Star Tec Series)
- American DJ Laser Products and Star Tec Products = 90-Day Limited Warranty
- American DJ L.E.D. Products = 3-year (1095 day) Limited Warranty (excluding motors which have a 1-year (365 day Limited Warranty)

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## PRO38B LED RC

## Specifications

### Model: PRO38B LED RC

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| LEDs:             | 12 x 1 Watt LED's (4 Red, 4 Green, 4 Blue)                                                                                    |
| Working Position: | Any safe working position                                                                                                     |
| Voltage:          | 90V ~ 240V/47~63Hz                                                                                                            |
| Power Draw:       | 15W                                                                                                                           |
| Beam Angle:       | 30 Degrees                                                                                                                    |
| Fuse:             | 1 Amp                                                                                                                         |
| Weight:           | 4lbs./ 1.5Kgs.                                                                                                                |
| Dimensions:       | 7.25" (L) x 7.25" (W) x 9.5" (H)<br>185 x 185 x 240mm                                                                         |
| Colors:           | RGB Color Mixing                                                                                                              |
| DMX Channels:     | 7 DMX Modes: 1 Channel Mode, 2 Channel Mode, 3 Channel Mode, 4 Channel Mode, 5 Channel Mode, 6 Channel Mode, & 7 Channel Mode |
| Warranty:         | 3 Year (1,095 days)                                                                                                           |

**Auto Sensing Voltage:** This fixture contains a electronic voltage switch, which will auto sense the voltage when it is plugged into the power source.

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

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