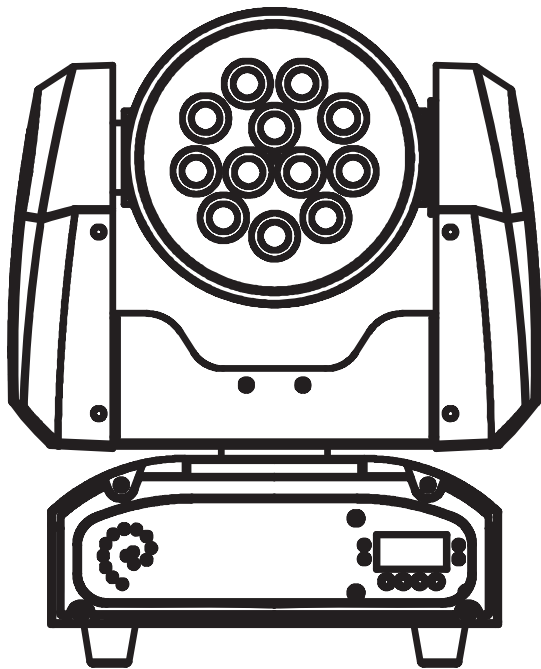




# Inno Color Beam 12



## User Instructions



## Inno Color Beam 12

## Introduction

**Unpacking:** Thank you for purchasing the Inno Color Beam 12 by American DJ®. Every Inno Color Beam 12 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 Inno Color Beam 12 is part of American DJ's continuing pursuit for creating high quality affordable intelligent fixtures. The Inno Color Beam 12 is a compact, high performance, DMX intelligent, moving head, LED fixture. This fixture is a great piece for retail stores, displays, mood, architectural, interior and exterior decoration, and clubs. This unit can be used as a stand alone, or in a Master/Slave configuration. The unit can also be controlled via DMX controller. This fixture is suitable for theaters, studios, retail stores, and other similar locations.

**Customer Support:** American DJ® provides a toll free 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 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

Voice: (800) 322-6337

Fax: (323) 582-2941

E-mail: [support@americandj.com](mailto:support@americandj.com)

To purchase parts online visit <http://parts.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.**

## Inno Color Beam 12

## 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.

## Inno Color Beam 12

## Features

- RGB Color Mixing
- 12 x 3W High Quality CREE LEDs
- Color Strobe Effect
- 32 Built-In Color Macros
- Pan: 540-Degree; Tilt: 270-Degree
- Pan/Tilt Inversion
- Electronic Dimming 0-100%
- Fan Cooled
- Built in Microphone
- DMX-512 protocol
- Two DMX Modes: 9 Channel Mode & 16 Channel Mode
- 3 Operating Modes - Sound Active, Show Mode, or DMX Control
- UC3 Remote Control Compatible (Not Included)

## Inno Color Beam 12

## Warranty Registration

The Inno Color Beam 12 carries a 2 year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase and warranty. You may also register your product online at [www.americandj.com](http://www.americandj.com). All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. If the unit is under warranty you must provide a copy of your proof of purchase invoice. Please contact American DJ® customer support for a R.A. number.

## Inno Color Beam 12

## 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® Inno Color Beam 12 contains a automatic voltage switch, which will auto sense the voltage when it is plugged into a power source. With this switch there is no need to worry about the correct power 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 Inno Color Beam 12 can be controlled via DMX-512 protocol. The Inno Color Beam 12 can be either a 9 Channel or 16 Channel DMX unit. The DMX address is set on the rear panel of the Inno Color Beam 12. Your unit and your DMX controller require a approved DMX-512 110 Ohm Data cable 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 professional sound and 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.

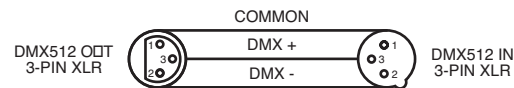


Figure 2

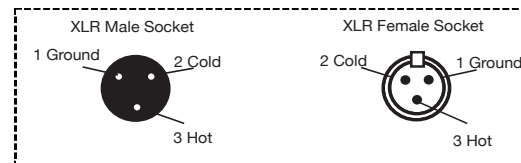


Figure 3

| 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 90-120 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.

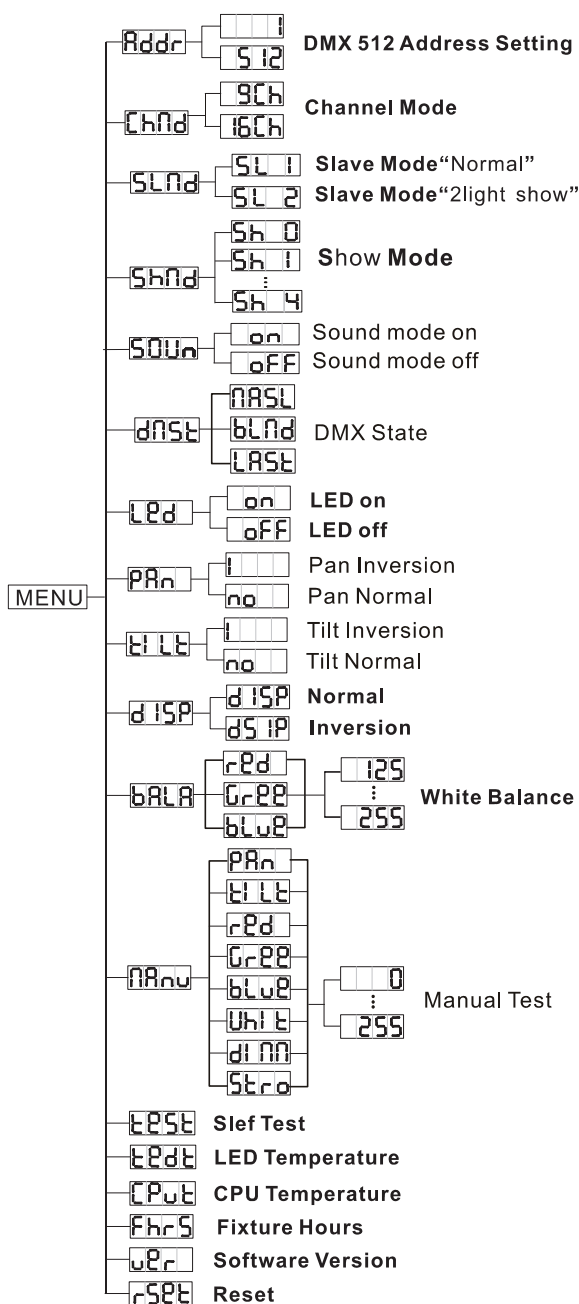


Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

**5-Pin XLR DMX Connectors.** Some manufactures use 5-pin XLR connectors for DATA transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors 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          |



## ADDR - DMX Address Setting via control board -

1. Press the MENU button until "ADDR" is displayed, press ENTER.
2. "X" will now be displayed, "X" represents the displayed address. Press the UP or DOWN buttons to find your desired address.
3. Press ENTER to confirm, then connect your DMX controller.

**NOTE:** If after you connect your DMX controller the unit does not fall into DMX mode, press and hold the MENU button for at least 3 seconds.

## CHND - This will let select your desired DMX channel mode.

1. Press the either the MENU button until "CHND" is displayed, press ENTER. Either "9CH" or "16CH" will be displayed
2. Press the UP or DOWN buttons to find your desired DMX channel mode and press ENTER to confirm and exit.

## SLND - This will let you set unit as a master or slave in a master/slave configuration.

1. Press the MENU button until "SLND" is displayed, press ENTER. Either "SL 1" or "SL 2" will be displayed.
2. Press the UP or DOWN buttons until your desired setting is displayed, press ENTER to confirm.

**NOTE:** In a Master/Slave configuration you can set one fixture to Slave 1 (SL 1) and then set the next fixture to Slave 2 (SL 2), in doing this the fixtures will now have contrast movement to each other.

## SHND: SH 0 - SH 4 - Show modes 0 - 4. Show mode can run with or without sound active mode on.

1. Press the MENU button until "SHND" is displayed, press ENTER.
2. "SH X" will now be displayed, "X" representing a number between 0-4. Shows 1-4 are preset shows, while "SH 0" is random show. Press

the UP or DOWN buttons to find your desired show.

3. Once you have found your desired show press ENTER, and then press and hold the MENU button for at least 3 seconds to confirm.

## **SOUN - In this submenu you can activate sound active mode.**

1. Press the MENU button until "SOUN" is displayed, press ENTER.
2. Either "ON" or "OFF" will now be displayed. Press the UP or DOWN buttons to select one or the other.
3. When you have made your selection, press the ENTER, and then press and hold the MENU button for at least 3 seconds to confirm.

## **DNST - This mode can be used as a precaution mode, that in case the DMX signal is lost, the operating mode chosen in the setup is the running mode the fixture will go into when the DMX signal is lost. You can also set this as the operating mode you would like the unit to return to when power is applied.**

1. Press the MENU button until "DNST" is displayed, press ENTER.
2. Either "MASL", "BLND", or "LAST" will be displayed. Choose an operating mode you would like the unit to start up in when power is applied or the DMX signal is lost.
  - MASL (Master Slave) - If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode.
  - BLND (Blackout) - If the DMX signal is lost or power is applied, the unit will automatically go into stand by mode.
  - LAST (Last State) - If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
3. Press ENTER to confirm your desired set up.

## **LED - With this function the LED display will turn off after 2 minutes.**

1. Press the MENU button until "LED" is displayed, press ENTER.
2. Either "ON" or "OFF" will now be displayed. Press the UP or DOWN buttons to select "ON" to keep the LED display on at all times, or "OFF" to allow the LED display to turn off after 2 minutes. Press any button to turn the LED display on again.
3. Press ENTER to confirm your selection.

## **PAN - Pan Inversion**

1. Press the MENU button until "PAN" is displayed, press ENTER. Either "YES" or "NO" will be displayed.
2. To activate the Pan inversion press the UP or DOWN buttons until "YES" is displayed, press ENTER to confirm. To deactivate Pan inversion, select "NO" and press Enter.

## **TILT - Tilt Inversion**

1. Press the MENU button until "TILT" is displayed, press ENTER. Either "YES" or "NO" will be displayed.
2. To activate the Tilt inversion press the UP or DOWN buttons until "YES" is displayed, press ENTER to confirm. To deactivate Tilt inversion, select "NO" and press Enter.

## **DISP - This will "flip" the LED display**

1. Press the MENU button until "DISP" is displayed, press ENTER.
2. When "DISP" is displayed the LED display will remain normal, when "DSIP" is displayed, the LED display will be "flipped". Press the ENTER button to set your desired.



**BALA - With this function you are able to adjust the RGB colors to create your desired shade of white.**

1. Press the MENU button until “BALA” is displayed, press ENTER.
2. Use the UP and DOWN buttons to scroll through the RGB colors. Once you have found your desired color you would like to adjust press ENTER.
3. After you have pressed ENTER, use the UP and DOWN buttons to adjust the intensity of the color. Continue to adjust the RGB colors until you have reached your desired shade of white.

**MANU - In this submenu you are able to test the different functions; pan, tilt, LEDs, dimmer, and strobe.**

1. Press the MENU button until “MANU” is displayed, press ENTER.
2. Use the UP and DOWN buttons to scroll through the various functions able for testing. Once you have found your desired function you would like to test press ENTER.
3. After you have pressed ENTER, use the UP and DOWN buttons to adjust the values and test the function. To exit press the MENU button.

**TEST - This function will run a self test program. The test program will test pan/tilt movement and colors.**

1. Tap the MENU button until “TEST” is displayed, press ENTER.
2. The fixture will now run a self test.

**TEDT - With this function you can check the LED temperature.**

1. Tap the MENU button until “TEDT” is displayed, press ENTER.
2. The LED temperature will now be displayed. Press MENU to exit.

**CPUT - With this function you can check the temperature of the fixture.**

1. Tap the MENU button until “CPUT” is displayed, press ENTER.
2. The temperature of the fixture will now be displayed. Press MENU to exit.

**FHRS - With this function you can display the running time of the unit.**

1. Press the MENU button until “FHRS” is displayed, press ENTER.
2. The running time of the fixture will now be displayed. Press MENU to exit.

**VER - This will display the software version**

1. Press the MENU button until “VER” is displayed. Press the ENTER button and the software version will be displayed.
2. Press the MENU button to leave this function.

**RSET - Use this function to reset the unit.**

1. Tap the MENU button until “RSET” is displayed, press ENTER.
2. The fixture will now reset.

**Inno Color Beam 12****Universal DMX Control**

**Universal DMX Control:** This function allows you to use a Elation® universal DMX-512 controller to control the chases and patterns, dimmer and strobe. A DMX controller allows you to create unique programs tailored to your individual needs. The Inno Color Beam 12 has 2 DMX channel modes; a 9 Channel Mode & 16 Channel Mode. To select your channel mode see page 8.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller such as the Elation® Show Designer™ or the Elation® DMX Operator.™ See pages 14-16 for the DMX modes & traits.
2. To run your fixture in DMX mode, select your desired channel mode and then set your desired DMX address following the directions on page 8, and the set-up specifications that come with your DMX controller.
3. Plug in the fixture via the XLR connections to any standard DMX controller.
4. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.

**Inno Color Beam 12****Master-Slave Configuration**

**Master-Slave Configuration:** This function will allow you to link up to 16 units together and operate without a controller. The units will be sound activated. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Master or as a Slave.

1. Using approved DMX data cables, daisy chain your units together via the XLR connector on the rear of the units. Remember 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. For longer cable runs we suggest a terminator at the last fixture.
2. Set the Master unit to your desired operating mode.
3. On the slave units tap the MENU button until "Slave Mode" is displayed, and Press ENTER. Choose either "Slave 1" or "Slave 2" and press ENTER. See page 9 for more info.
4. The slave units will now follow the Master unit.

**Inno Color Beam 12****9 Channel Mode**

| Channel | Value                                                                                                                  | Function                                                                                                                                                                                   |
|---------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 0 - 255                                                                                                                | PAN 0° - 540°                                                                                                                                                                              |
| 2       | 0 - 255                                                                                                                | TILT 0° - 270°                                                                                                                                                                             |
| 3       | 0 - 7<br>8 - 15<br>16 - 131<br>132 - 139<br>140 - 181<br>182 - 189<br>190 - 231<br>232 - 239<br>240 - 247<br>248 - 255 | SHUTTER/STROBING<br>BLACKOUT<br>OPEN<br>STROBING SLOW - FAST<br>OPEN<br>SLOW OPEN - FAST CLOSE<br>OPEN<br>SLOW CLOSE - FAST OPEN<br>OPEN<br>RANDOM STROBE<br>OPEN                          |
| 4       | 0 - 255                                                                                                                | RED<br>0% - 100%                                                                                                                                                                           |
| 5       | 0 - 255                                                                                                                | GREEN<br>0% - 100%                                                                                                                                                                         |
| 6       | 0 - 255                                                                                                                | BLUE<br>0% - 100%                                                                                                                                                                          |
| 7       | 0 - 255                                                                                                                | WHITE<br>0% - 100%                                                                                                                                                                         |
| 8       | 0 - 255                                                                                                                | MASTER DIMMER<br>0% - 100%                                                                                                                                                                 |
| 9       | 0 - 69<br>70 - 79<br>80 - 89<br>90 - 199<br>200 - 209<br>210 - 239<br>240 - 255                                        | SPECIAL FUNCTIONS<br>NO FUNCTION<br>ENABLE BLACKOUT WHILE PAN OR<br>TILT MOVEMENT<br>DISABLE BLACKOUT WHILE PAN OR<br>TILT MOVEMENT<br>NO FUNCTION<br>RESET<br>NO FUNCTION<br>SOUND ACTIVE |

| Inno Color Beam 12 |                                                                                                                                                           | 16 Channel Mode                                                                                                                                                                            |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Channel            | Value                                                                                                                                                     | Function                                                                                                                                                                                   |
| 1                  | 0 - 255                                                                                                                                                   | PAN 0° - 540°                                                                                                                                                                              |
| 2                  | 0 - 255                                                                                                                                                   | PAN FINE                                                                                                                                                                                   |
| 3                  | 0 - 255                                                                                                                                                   | TILT 0° - 270°                                                                                                                                                                             |
| 4                  | 0 - 255                                                                                                                                                   | TILT FINE                                                                                                                                                                                  |
| 5                  | 0 - 255                                                                                                                                                   | PAN/TILT SPEED<br>FAST - SLOW                                                                                                                                                              |
| 6                  | 0 - 15<br>16 - 35<br>36 - 55<br>56 - 75<br>76 - 95<br>96 - 115<br>116 - 135<br>136 - 155<br>156 - 175<br>176 - 195<br>196 - 215<br>216 - 235<br>236 - 255 | PAN/TILT MACROS<br>STOP<br>MACRO 1<br>MACRO 2<br>MACRO 3<br>MACRO 4<br>MACRO 5<br>MACRO 6<br>MACRO 7<br>MACRO 8<br>MACRO 9<br>MACRO 10<br>MACRO 11<br>MACRO 12                             |
| 7                  | 0 - 255                                                                                                                                                   | PAN/TILT MACRO SPEED<br>FAST - SLOW                                                                                                                                                        |
| 8                  | 0 - 69<br>70 - 79<br>80 - 89<br>90 - 199<br>200 - 209<br>210 - 239<br>240 - 255                                                                           | SPECIAL FUNCTIONS<br>NO FUNCTION<br>ENABLE BLACKOUT WHILE PAN OR<br>TILT MOVEMENT<br>DISABLE BLACKOUT WHILE PAN OR<br>TILT MOVEMENT<br>NO FUNCTION<br>RESET<br>NO FUNCTION<br>SOUND ACTIVE |
| 9                  | 0 - 255                                                                                                                                                   | MASTER DIMMER<br>0% - 100%                                                                                                                                                                 |

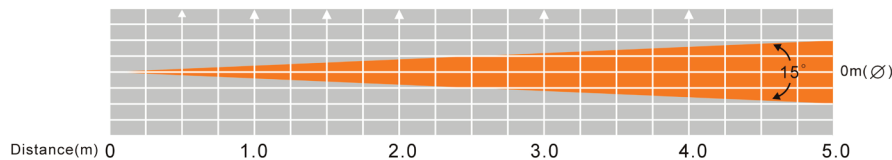
| Inno Color Beam 12 |                                                                                                                        | 16 Channel Mode                                                                                                                                                   |
|--------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Channel            | Value                                                                                                                  | Function                                                                                                                                                          |
| 10                 | 0 - 7<br>8 - 15<br>16 - 131<br>132 - 139<br>140 - 181<br>182 - 189<br>190 - 231<br>232 - 239<br>240 - 247<br>248 - 255 | SHUTTER/STROBING<br>BLACKOUT<br>OPEN<br>STROBING SLOW - FAST<br>OPEN<br>SLOW OPEN - FAST CLOSE<br>OPEN<br>SLOW CLOSE - FAST OPEN<br>OPEN<br>RANDOM STROBE<br>OPEN |
| 11                 | 0 - 255                                                                                                                | RED<br>0% - 100%                                                                                                                                                  |
| 12                 | 0 - 255                                                                                                                | GREEN<br>0% - 100%                                                                                                                                                |
| 13                 | 0 - 255                                                                                                                | BLUE<br>0% - 100%                                                                                                                                                 |
| 14                 | 0 - 255                                                                                                                | WHITE<br>0% - 100%                                                                                                                                                |
| 15                 | 0 - 7<br>8 - 127<br>128 - 191<br>192 - 255                                                                             | COLOR FUNCTIONS<br>NORMAL<br>32 COLOR MACROS<br>COLOR CHANGING<br>COLOR FADING                                                                                    |
| 16                 | 0 - 255                                                                                                                | COLOR CHANGE/FADE SPEED<br>SLOW - FAST                                                                                                                            |



## Inno Color Beam 12

## Photometric Chart

|      |       |      |      |      |      |       |
|------|-------|------|------|------|------|-------|
| R    | 3960  | 1059 | 521  | 288  | 191  | (lux) |
| G    | 8280  | 2470 | 1180 | 648  | 423  |       |
| B    | 433   | 134  | 70   | 48   | 36   |       |
| W    | 11100 | 3320 | 1590 | 881  | 567  |       |
| RGBW | 23500 | 7030 | 3310 | 1808 | 1173 |       |



## Inno Color Beam 12

## UC3 Control

|          |                                                                                      |                      |                                      |                                                                      |
|----------|--------------------------------------------------------------------------------------|----------------------|--------------------------------------|----------------------------------------------------------------------|
| Stand By | Blackout the unit                                                                    |                      |                                      |                                                                      |
| Function | 1. Strobe in synchronization<br>2. Strobe in desynchronization<br>3. Strobe by music | Select Show<br>1-4   | 1. Slow<br>2. Middle<br>3. Fast      | Holder to adjust<br>1. Pan position<br>2. Tilt position<br>3. Dimmer |
| Mode     | Sound(LED OFF)                                                                       | Movement<br>(LED ON) | GOBO/Color Speed<br>(LED slow blink) | Latch<br>(LED fast blink)                                            |

## Inno Color Beam 12

## Installation

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

These installation should be checked by a skilled person once a year.

The Inno Color Beam LED is fully operational in two different mounting positions, hanging upside-down from a ceiling or set on a flat level surface. To avoid internal damage to the unit, never mount the unit on its side as illustrated above. Be sure this fixture is kept at least 0.5m away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails. Never use the carrying handles for secondary attachment.

## Inno Color Beam 12

## Fuse Replacement

Locate and remove the unit's power cord. Once the cord has been removed located the fuse holder located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder has a built-in socket for a spare fuse be sure not to confuse the spare fuse with active fuse.

## Inno Color Beam 12

## 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 a soft cloth to wipe down the outside casing.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

## Inno Color Beam 12

## Troubleshooting

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.

If problems are not resolved; Contact American DJ® for service.  
1-800-322-6337

## Inno Color Beam 12

## 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 its 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 = 2-year (730 day) Limited Warranty (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) and batteries which have a 180 day limited warranty).

## Inno Color Beam 12

## Specifications

### SPECIFICATIONS:

|                    |                                                   |
|--------------------|---------------------------------------------------|
| Voltage:           | 100V~240V 50Hz/60Hz                               |
| LEDs:              | 12 x 3W Cree LEDs (3 Red, 3 Green, & 3 Blue)      |
| Power Consumption: | 53W                                               |
| Beam Angle:        | 15 Degrees                                        |
| Fuse:              | 7Amp                                              |
| Weight:            | 12lbs./ 5Kgs.                                     |
| Dimensions:        | 9" (L) x 8.75" (W) x 12" (H)<br>224 x 219 x 302mm |
| Colors:            | RGB Color Mixing                                  |
| DMX Channels:      | 2 DMX Channel Modes: 9 or 16 Channels             |
| Working Position:  | Any safe working position                         |
| Warranty:          | 2 Year (730 days)                                 |

**Auto Sensing Voltage:** *This fixture contains a automatic 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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