



J U I C E B O X

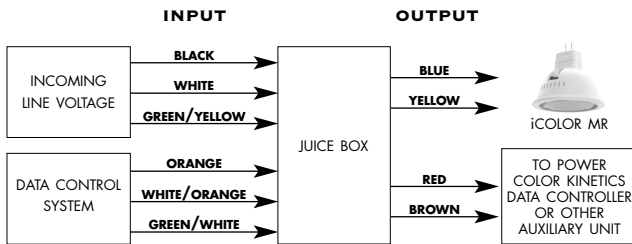
INSTALLATION INSTRUCTIONS & WIRING GUIDE

MODEL # ENA-JB

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The following instructions are for wiring Color Kinetics® Juice Box when used as part of a low-voltage lighting system for iColor™ MR lamps.

1. Wiring diagram for Juice Box:



2. Connect the wires from Juice Box according to the table below:

USE 16 AWG OR LARGER

Blue	Data Output +24VDC
Yellow	Data Output -24VDC
Red	Aux Power +24VDC
Brown	Aux Power +24VDC Ground
Black	100-240VAC Line
White	100-240VAC Neutral
Green/Yellow	100-240VAC Ground

USE 24 AWG OR LARGER

Orange	Data Input +
White/Orange	Data Input -
Green/White	Data Input Ground

Connecting Power to Juice Box:

- Connect power lines to the leads labeled Neutral (White), Line (Black) and Ground (Green/Yellow).

Connecting Data to Juice Box:

- Connect your controller to the leads labeled Data Input + (Orange), Data Input - (White/Orange) and Data Input Ground (Green/White).

Connecting Juice Box to two-wire circuit:

- Connect the Juice Box lead labeled Data Output +24VDC (Blue) to the corresponding +24VDC circuit wire.
- Connect the Juice Box lead labeled Data Output -24VDC (Yellow) to the corresponding -24VDC circuit wire.

Connecting an auxiliary unit to Juice Box:

- Juice Box offers 24VDC Output that may be used to power a Color Kinetics data controller or other auxiliary unit.

3. The four-gang wall box required is a Steel City H4BD-3/4 or similar style. The cover required is a Steel City 4-GC, 4-GCB, or similar style.

4. Notes:

- Maximum run of one length of track/cable must not exceed 50 feet.
- Maximum number of lights per Juice Box must not exceed 22.
- Maximum number of lights is reduced by one for every 2.5w used for auxiliary power.
- Juice Box should only be used with iColor MR lamps.
- Do not attach any other devices to the Data Output+ and Data Output- terminals of Juice Box. This will cause immediate and irreparable damage to Juice Box and other devices.
- Juice Box should only be used with low-voltage systems that function with a single step-down transformer.



- If the iColor MR lamp is not responding to control commands, try removing the lamp from the fixture and turning it to reverse the pin orientation.

One Year Limited Hardware Warranty

Color Kinetics Incorporated warrants its products, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Color Kinetics' publicly available specifications for a period of one (1) year after the date the product was purchased by the end user.

If the product fails during the warranty period, purchaser's remedy under this limited warranty shall be at Color Kinetics sole election:

- Repair the product by means of hardware and/or software or
- Replace the product with another product or
- If Color Kinetics is unable to repair or replace the particular product, refund the then current value of the product.

This limited warranty does not cover damages due to external causes, including, but not limited to, accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, modification, repair, improper installation, or improper testing. Color Kinetics is not responsible for indirect, incidental, or consequential damages resulting from any breach of warranty or under any other legal theory including, but not limited to, lost profits, downtime, goodwill, damage to or replacement of equipment and property.

To obtain warranty service, you may contact your distributor in accordance with its instructions, or you may contact Color Kinetics. To request warranty service you should call Color Kinetics during the warranty period. Proof of purchase or registration is required. When calling within warranty, please provide:

- 1) Your name, shipping address, and telephone number
- 2) A description of the model and serial number
- 3) An explanation of the problem

A Return Authorization (RA) number & ship-to address will be provided to send the product back.

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