

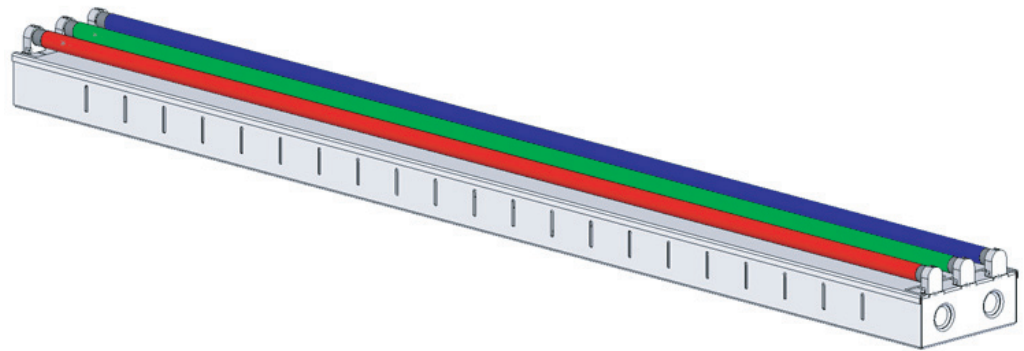
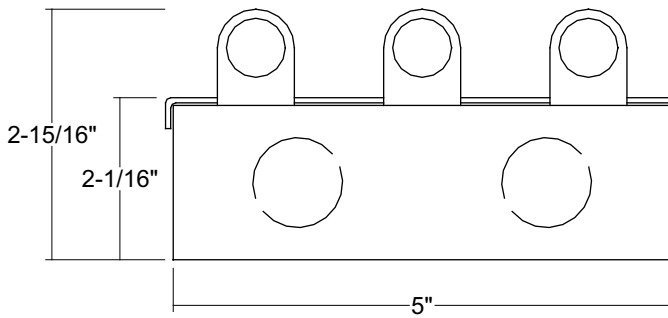
xx™ 3

**JAS-3-T5**  
**JAS-3-T5HO**

**COLOR CHANGING**

**T5 and T5HO LINEAR LAMP**

- heavy gauge aluminum construction finished in High Reflectivity White powder coat done post-production
- uses standard or high output T5 fluorescent lamps with 20,000 hour lamp life
- infinite color control using red, green and blue color mixing technology
- comes standard with built-in programs that do not require any special controls or wiring
- fully programmable with any approved DMX controller. colors, change times, cross fades, rainbows, random colors and many other effects are easily programmed (requires CAT 5 cable) refer to controls page for controller options
- installation is very similar to most standard fluorescent fixtures
- fixtures are available in nominal 4 foot lengths, see part numbers to the right for actual fixture lengths
- 120, 277 and universal voltage versions available
- UL and C-UL Listed for Dry and Damp Locations

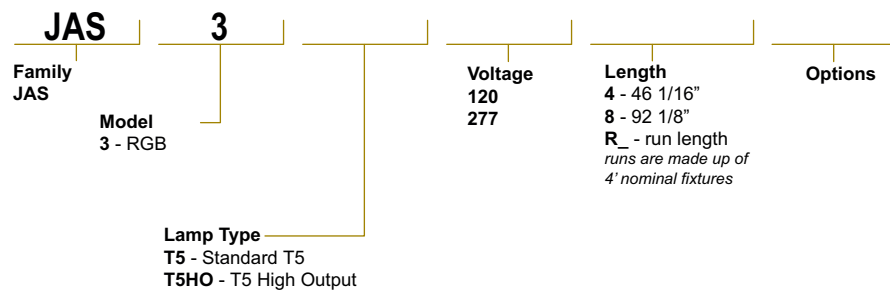


**Job Information**

Type \_\_\_\_\_

Job Name \_\_\_\_\_

Location \_\_\_\_\_



**BIRCHWOOD LIGHTING**

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NOTE: Specifications and dimensions are subject to change without notice.



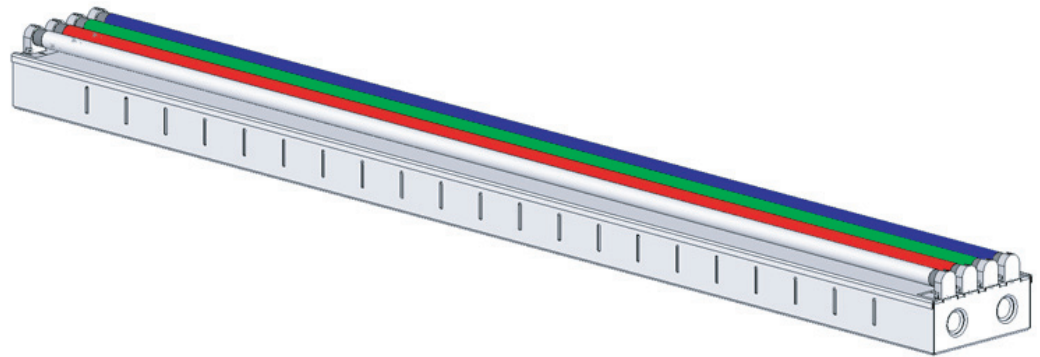
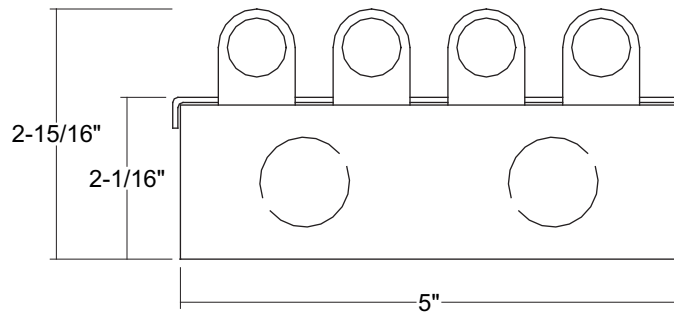
## JASON™ 4

### JAS-4-T5 JAS-4-T5HO

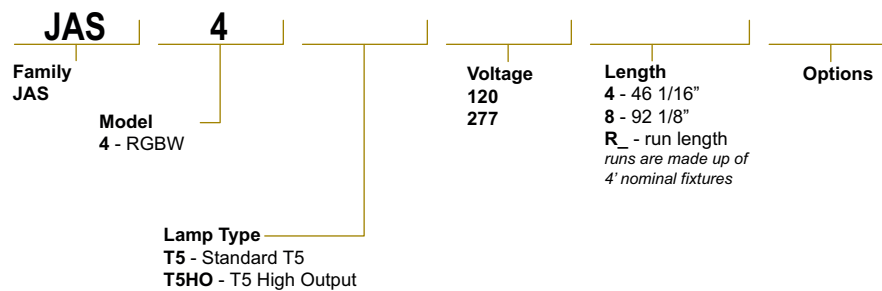
#### COLOR CHANGING

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Job Information
Type
Job Name
Location



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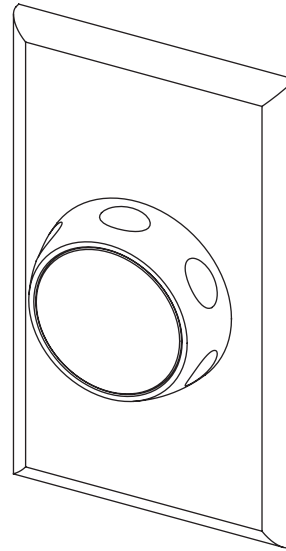
## COLORDIAL

### JAS-RD

#### DMX CONTROLLER

#### ROTARY DIAL

- stand alone control fits standard single or multi gang electrical wall boxes (by others)
- contains 6 pre-programmed modes, plus OFF
- real time color and effects changing
- controls up to 60 unique lighting addresses, with the data repeating after the first twelve
- 1/4" D-shaft fits most standard dimmer knobs for knob interchange and customization
- memory feature recalls the last effect settings
- power input: 24VDC @ 100mA
- works with JAS-3 model only



### Standard Pre-Programmed Modes

#### FIXED COLOR

Displays a single fixed color, which may be changed by rotating the knob.

#### COLOR WASH

Colors smoothly transition through the visible color spectrum over the entire run of Jason fixtures. Speed of change is controlled by rotating the knob.

#### CHASING RAINBOW

When applied to a group of lights, colors of the rainbow appear to chase each other from one Jason fixture to next. Speed of a single pass is controlled by rotating the knob.

#### RANDOM COLOR

Colors step or jump from one color to the next randomly. Speed of the changes is controlled by rotating the knob.

#### RANDOM FADE

Colors smoothly transition from one color to the next randomly. Speed of the transitions is controlled by rotating the knob.

#### WHITE

Static display of white light. Intensity is controlled by rotating the knob.

#### Job Information

Type

Job Name

Location

**JAS**

Family  
JAS

**RD**

Model  
RD - Rotary Dial

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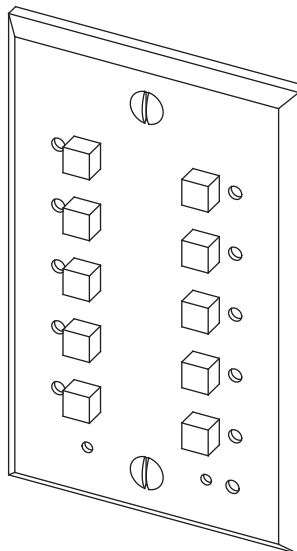
## PRESET 10

### JAS-P10A

#### DMX CONTROLLER

#### 10 BUTTON PRESETS

- lighting control station capable of storing up to ten presets
- each preset can be assigned a unique fade time from 0 to 999 seconds
- solid aluminum faceplate installs over a standard single gang electrical box (by others)
- control station programmable with virtually all DMX consoles
- works in conjunction with a lighting console, automatically switching between preset and console control
- two versions of available software: RB offers "Radio Button" operation where only one preset may be active at a time  
POPO offers ten presets that are capable of being turned ON or OFF individually
- a 10 volt class 2 transformer is required for fixed installations



### Programmable

Easily program one to ten specific colors\*

Crossfade through each of the programmed colors

Each preset can be assigned a unique fade time from 0 to 999 seconds

### Specifications

Also available in a portable version (not shown)

Faceplate is Black anodized with silver engraved nomenclature

\* Requires a DMX512 console to program colors (see JAS-PC-8)

#### Job Information

Type

Job Name

Location

**JAS**

Family  
JAS

**P10A**

Model  
P10A - architectural  
P10P - portable

Software  
RB - Radio Button  
POPO - Push On  
Push Off

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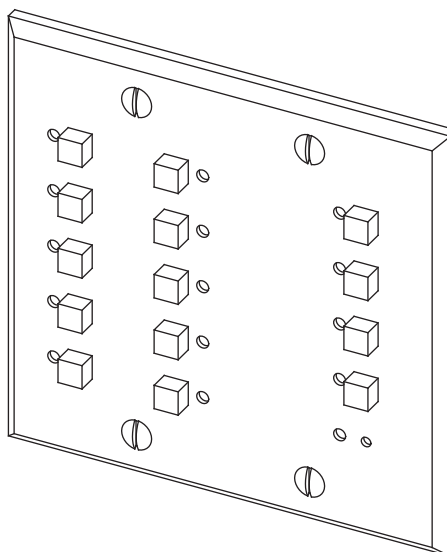
## RERUN

### JAS-RRA

#### RECORDER

#### 10 SHOW CONTROL

- lighting control system capable of storing up to ten 40-minute shows which are started by pressing one of the show buttons
- each show can be set to hold the last look, loop itself or link to another show
- solid aluminum faceplate is designed to install over a standard two gang electrical box (by others)
- single gang remote stations can be added to remotely select shows
- control station programmable with virtually all DMX consoles
- works in conjunction with a lighting console, automatically switching between recorded shows and console control
- requires a 10 volt class 2 transformer



### Programmable

Capable of storing up to ten unique forty-minute shows\*  
 Each show can hold it's last look, loop to itself or link to another show  
 Shows are started by simply pressing one of the ten show buttons

#### User Controls:

- |                  |                            |
|------------------|----------------------------|
| Ten SHOW buttons | One REWIND button          |
| One PAUSE button | One FORWARD button         |
| One LOOP button  | One recessed RECORD button |

\*Requires a DMX 512 console to program colors and shows (see JAS-PC-8)

### Specifications

Faceplate is Black anodized with silver engraved nomenclature  
 Installs over a standard two gang electrical box (by others)  
 Also available in a portable version (not shown)

Job Information
Type _____
Job Name _____
Location _____

**JAS**

Family  
JAS

**RRA**

Model  
RRA - architectural  
RRP - portable

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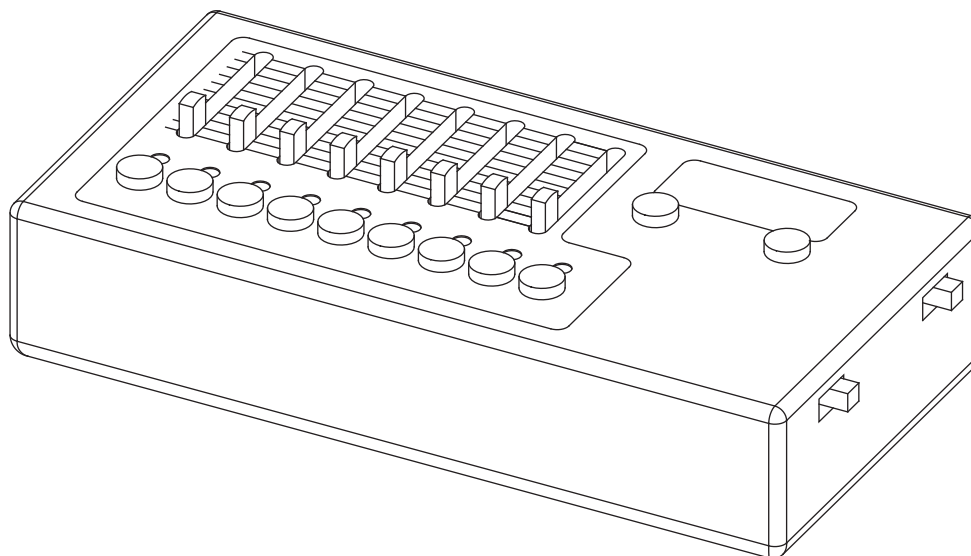
## POCKET CONSOLE

### JAS-PC-8

#### DMX CONSOLE

#### 8 FADER

- hand-held console used to program scenes and colors for the JAS-P10A and P control (see page 4), the JAS-RRA (see page 5) or as a stand alone controller
- levels are set using 8 faders, each with an associated flash button
- each fader can be assigned to 512 unique addresses using the LED display
- flash buttons have two settings: "normal" takes associated fader to 100% light output "patch" patches the DMX dimmer address shown on the LED display to the associated fader
- powered via the integral 9V battery or 120V AC/DC adapter providing 9V DC 200mA output (supplied)



### Uses

Used to program specific colors into JAS-P10A, JAS-P10P, and JAS-RRA  
 Can be used on its own to find exact required colors

### Specifications

Approximate dimensions are 6 3/4" x 3 1/4" x 1 3/8"  
 Approximate weight is 14 ounces with battery  
 Comes with cable & connector

Job Information
Type
Job Name
Location

**JAS**

Family  
JAS

**PC-8**

Model  
PC-8

# BIRCHWOOD LIGHTING

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Exciting, colorful visual effects are now easy to achieve using the JASON Color Changing Fluorescent system. This compact sized fixture packs a punch with as much as 3,750 lumens per foot. Jason uses T5 or T5HO fluorescent lamps, which have a rated life of 20,000 hours.

## RGB Color Mixing

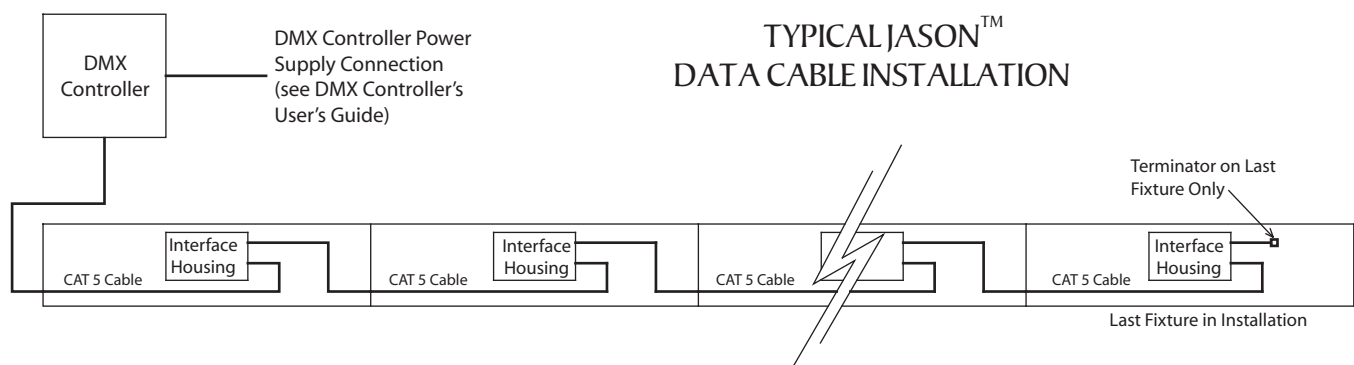
Infinite color control is achieved through mixing red, green and blue T5 or T5HO fluorescent lamps. JASON 3 mixes red, green and blue to achieve different colors, while JASON 4 adds a white lamp for even more versatility. To achieve more intense, saturated colors, colored lamp sleeves are available with either colored or white lamps.

## DMX Controlled

The on-board interface may be run two different ways. First, there are several pre-programmed fixed and color changing modes that may be run by simply putting the dip switch, located on the fixture, to the appropriate settings. Second, custom programs can be run using any approved DMX controller. It is very simple to program colors, change times, cross fades, chases, rainbows, random colors and many other effects.

## Simple Installation

When using the standard pre-programmed modes, Jason is simply installed like any other luminaire. Just set the dip switches to the desired program, bring in line voltage and power up the fixtures. When using a separate controller, just run CAT 5 cable from the controller to the first Jason fixture. For multiple unit runs, fixtures are installed end-to-end and connected together just like standard fluorescent fixtures. The only difference is that a standard CAT 5 cable is run between fixtures. The necessary CAT 5 cable is provided by the factory.



## LAMP INFORMATION

LAMP TYPE (NEMA)	INITIAL LUMENS PER LAMP	AVERAGE RATED LIFE
FP28/RED	2100	20,000 hrs.
FP28/GREEN	3500	20,000 hrs.
FP28/BLUE	700	20,000 hrs.
FP54/RED/HO	3300	20,000 hrs.
FP54/GREEN/HO	5550	20,000 hrs.
FP54/BLUE/HO	1150	20,000 hrs.

