

INTELLIGLO™ RGB LED LIGHT STRIP CONTROL SOLUTIONS

Add visual impact with custom color washes and color-changing effects

Unleash your illumination with a lighting control solution by IntelliGlo. Designed for use with ColorGlo's Standard and Power RGB LED Light Strips, they create everything from basic color-change effects to more complex effects featuring washes of custom color. There is even a system expander to integrate multiple strips into one large show, as well as a DMX controller to bring DMX-512 capabilities to ColorGlo RGB LED Light Strips.

THE INTELLIGLO FAMILY OF CONTROL SOLUTIONS INCLUDES:



IntelliGlo 100 In-Line Strip Controller



IntelliGlo 300 Controller



IntelliGlo 500 Controller



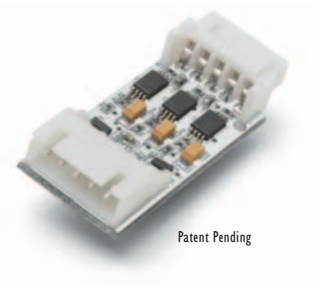
IntelliGlo 700 Controller



IntelliGlo Expansion Module

INTELLIGLO 100 IN-LINE STRIP CONTROLLER

Part#
LLS-CTRL-100



Patent Pending

The IntelliGlo 100 Controller is a PCB board type RGB color and effects control module that mounts directly to ColorGlo RGB light strips or in line between ColorGlo power/control cables. The controller can also be connected to the IntelliGlo Expansion Module to supply color effects distributed through the expansion module.

The IntelliGlo 100 Controller has pre-programmed modes that control RGB color combinations and speed of color change in stand alone operation without external control devices. This controller generates true infinite, non repeating random RGB color change.

See IntelliGlo 100 Installation Guide for installation detail.

FEATURES:

- Stand alone operation
- Fast, error-free installation and operation
- Controls color and effects for up to 16ft. of ColorGlo RGB light strips
- Popular color choices and effects for light shows with no programming or control system
- Low-cost solution for color changing effects

SPECIFICATIONS

Input Voltage	24VDC
Input Current, Max.	2.5A
Input Power Connector	5 position JST 55B-XH-A-1
Input Power	60W, max
Maximum # of Feet Driven	16ft. with 60W power supply
Modulation Type	Analog Steady Rising, Falling Ramp
Cycle Time Rise-Fall	5 seconds
PCB Material	94-V0 FR4 Epoxy Glass .062"
Size	1.3"L x 0.650"W x 0.62"H 33mm x 16.5mm x 15.75mm
Environmental*	0-50°C

*0-90% humidity, non-condensing

Contact J&J Electronics for pricing information.

800.735.4553

www.colorgloledlighting.com

J&J ELECTRONICS, INC.



INTELLIGLO™ RGB LED LIGHT STRIP CONTROL SOLUTIONS

INTELLIGLO 500 CONTROLLER

Part#
LLS-CTRL-500



The IntelliGlo 500 Controller is designed as a stand alone power supply/controller to provide power and color effects control to ColorGlo RGB light strips. The controller can also operate as a color and effects generator when mounted on board or connected remotely to the IntelliGlo Expansion Module.

See IntelliGlo 500 Installation Guide for installation detail.

FEATURES:

- Fast, error-free installation and operation
- Stand alone control of color and effects for up to 16ft. of ColorGlo RGB light strips
- DIP switch and RGB manual select for custom settings & timings
- Digital RGB driver array produces 2,097,152 color patterns
- Master dimmer control manually sets RGB brightness
- Low cost solution for color changing effects

SPECIFICATIONS

Input Voltage	24VDC
Input Current, Max.	2.5A
Input Power Jack	2.1mm, Center positive
Input Power	60W max
Maximum # of Feet Driven	7 ft. with 24W power supply 16 ft. with 60W power supply
Modulation Type	D/A steady rising, Falling linear ramp
Cycle Time	Rise-Fall, 1-30 seconds adjustable
Number of Output Connectors	3
Connector Power Rating, each	2.5A
Enclosure Material	94-VO ABS Plastic
Size	5.5"L x 3.3"W x 1.35"H 139.7mm x 83.8mm x 34.29mm
Mounting	Enclosure has mounting flange
Environmental*	32°F - 122°F / 0°C - 50°C

*0-90% humidity, non-condensing

INTELLIGLO 700 DMX-12 CONTROLLER

Part#
LLS-CTRL-DMX



The IntelliGlo 700 Controller is designed to power and control ColorGlo RGB light strips and fixtures using DMX 512 input from any standard DMX control device. The controller is DMX addressable and is capable of 4 addresses controlling 3 outlets each. The IntelliGlo 700 Controller can distribute DMX signal to an unlimited number of RGB light strips and fixtures using the IntelliGlo Expansion Module.

See IntelliGlo 700 Installation Guide for installation detail.

FEATURES:

- Compatible with any DMX 512 device
- DMX addressable
- Wet or dry location operation
- Standard 5 pin XLR DMX in and out
- Powers and controls up to 85 ft. of ColorGlo RGB light strips

SPECIFICATIONS

Input Voltage	88-264VAC
Input Current, Max.	4A at 115V, 2A at 230V
Inrush Current	15A/115V
Input Connector	Provides 2A fused power to piggy-backed controller
Maximum # of Feet Driven Per Unit	85 feet
Protocol	DMX 512, 1990 Standard Compliant
Modulation Type	Analog 0.V to 5V, internally set, DMX controlled
DMX Input	5-Pin XLR, male connector
DMX Output, Pass Through	5-Pin XLR, female connector
Housing	Aluminum, Finish-powder coat paint
Size	12.2"H x 4.7"W x 3.8"L 309.8mm x 119.3mm x 96.5mm
Mounting	Enclosure has mounting flange
Weight	5lbs / 2.27kg
Environmental*	32°F - 104°F / 0°C - 40°C

*0-95% humidity, non-condensing

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INTELLIGLO™ RGB LED LIGHT STRIP CONTROL SOLUTIONS

INTELLIGLO EXPANSION MODULE

Part# LLS-EXP MODULE

The IntelliGlo Expansion Module is designed to interface with the IntelliGlo 700 Controller to distribute DMX signal and provide power to ColorGlo RGB light strips and fixtures. This expansion module can also operate as a stand alone power supply/controller with no DMX input, using the IntelliGlo 500, 300 or 100 controllers to control RGB color and effects. The IntelliGlo 700, 500, 300 or 100 controller combinations can distribute color and effect control signal to additional IntelliGlo Expansion Modules to control an unlimited number of ColorGlo RGB light strips and fixtures.



See IntelliGlo Expansion Module Installation Guide for installation and interface detail.

FEATURES:

- Integrated power supply
- Powers and controls up to 80 ft. of ColorGlo RGB light strips
- Powers and controls up to 12 separate RGB light strips or fixtures

SPECIFICATIONS

Input Voltage	88-264VAC
Input Current, Max.	4A at 115V, 2A at 230V
Inrush Current	15A/115V
Piggy-back Input Connector	Provides 2A fused power to piggy-backed controller
Power Consumption	350W, max
Maximum # of Feet Driven	80
Modulation Type	Analog 1.2V-5V, internally set, DMX controlled
DMX Input	5-Pin XLR, male connector
DMX Output, Pass Through	5-Pin XLR, female connector
Housing	Aluminum, Finish—powder coat paint
Size	12.2"H x 4.7"W x 3.8"L 309.8mm x 119.3mm x 96.5mm
Weight	5lbs / 2.27kg
Mounting	Enclosure has mounting flange
Environmental*	32°F - 104°F / 0°C - 40°C

*0-95% humidity, non-condensing

Contact J&J Electronics for pricing information.

Manufactured by:



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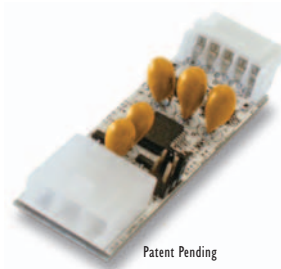


ColorGlo™

INTELLIGLO™ RGB LED LIGHT STRIP CONTROL SOLUTIONS

INTELLIGLO 300 IN-LINE STRIP CONTROLLER

Part#
LLS-CTRL-300



The IntelliGlo 300 Controller is a PCB board type RGB color and effects control module that mounts directly to ColorGlo RGB light strips or in-line between ColorGlo power/control cables. The controller can also be connected to the IntelliGlo Expansion Module to supply color effects distributed through the expansion module. Optionally, the IntelliGlo 300 can be mounted in the IntelliGlo 300 Handheld switch for convenient remote control of effects modes.

The IntelliGlo 300 Controller has five pre-programmed modes that control playback of RGB color combinations and effects.

See IntelliGlo 300 Installation Guide for installation detail.

FEATURES:

- Fast, error-free installation and operation
- Controls up to 12.5 ft. of RGB light strips at 24VDC/6.5 at 12VDC
- Popular color choices and effects for light shows with no programming or control system
- Low cost solution for color changing effects

SPECIFICATIONS

Input Voltage	24VDC
Input Current, Max.	2.5A
Input Power Connector	5 position JST 55B-XH-A-1
Input Power	60W, max
Maximum # of Feet Driven	16ft. with 60W power supply
Modulation Type	Analog steady rising, Falling ramp
Cycle Time Rise-Fall	5 seconds
PCB Material	94-V0 FR4 Epoxy Glass .062"
Size	1.3"L x 0.650"W x 0.62"H 33mm x 16.5mm x 15.75mm
Environmental*	0-50°C

*0-90% humidity, non-condensing

USE AND SETTINGS

OPERATION

1. Color hold selection. Cycle power off - on in less than 2 second intervals to hold or continue mode operation.
2. Color mode advancement. Cycle power off. Wait 3 - 4 seconds. Power back on to advance to next color mode.
3. Reset. Cycle power off. Wait 5 - 7 seconds. Power back on to reset Color Mode #1.
4. Color mode memory. Power off for greater than 8 seconds. On next power on, unit retains memory of last color mode and resumes mode operation.

COLOR MODES

1. Two minute color sequence cycle with slow cross-fade between colors
2. Half second, random fast snap change between colors
3. Seventy-seven minute color sequence cycle with super slow cross-fade between colors
4. Eleven second cycle through red, white and blue with quick cross-fade between colors
5. Twenty-four second cycle through green and blue with slow cross-fade between colors

COLOR SEQUENCE FOR MODES 1, 2, & 3

1. Blue
2. Red
3. Aqua
4. Magenta
5. Orange
6. White
7. Green