

# PAVO 64 DMX CONTROLLER



PAVO Repeater

## General Description:

The PAVO 64 DMX Controller is a small wall mounted product designed to control several TRISTAR RGB Lamps for various color-changing programs.

## Key Features:

- :: 1.07 billion (30 bit) RGB color mixing.
- :: Individual ID addresses assigned to each TRISTAR-RGB-DMX lamp.
- :: 10 (ten) built-in color-changing programs.
- :: Controls up to 64 (sixty-four) TRISTAR-RGB-DMX lamps.
- :: DMX compatible, with auto-detection, when the PAVO-64-DMX Controller is connected to a standard DMX controller.
- :: Capable of connecting 32 (thirty-two) additional TRISTAR-RGB-DMX lamps with a PAVO Repeater. Multiple PAVO Repeaters can be used to add more lamps.

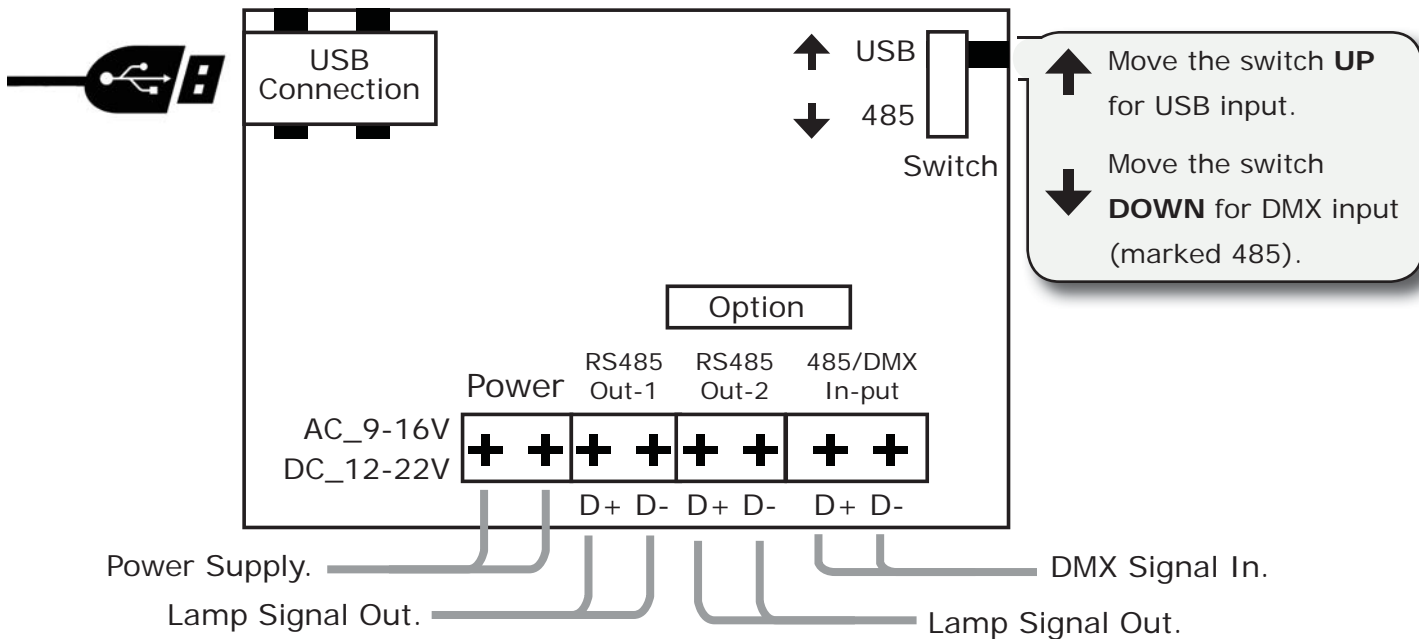
## Specification:

<b>Power Supply:</b>	9 ~ 16VAC
<b>Voltage:</b>	12 ~ 22VDC
<b>Current:</b>	<500mA
<b>Communication Interfaces:</b>	DMX and USB
<b>Fan-Out Drive:</b>	64 devices max.
<b>Display:</b>	8 x 2 Text Mode LCD
<b>Input Interface:</b>	6 Function Keys / IR receiver
<b>Built-in Programs:</b>	10
<b>Operation Temperature:</b>	0~50°C
<b>Storage Temperature:</b>	-20~60°C
<b>Humidity:</b>	10~90%
<b>Dimensions:</b>	5"x3"x1.65" 127 x 76 x 42mm
<b>Weight:</b>	10.50 ounces or 0.3kg

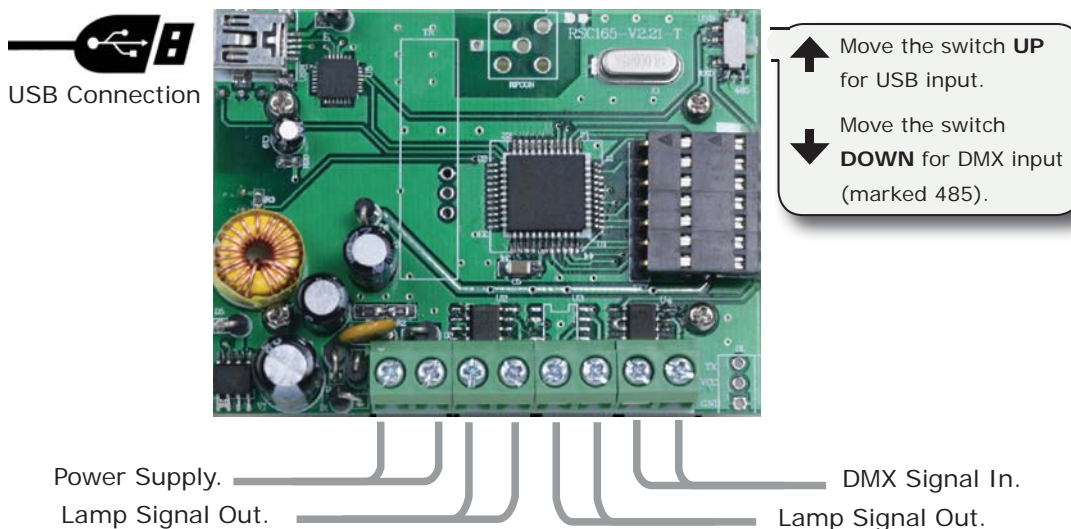
## PAVO 64 DMX CONTROLLER

### Input And Output Connections Diagrams:

#### Example 01



#### Example 02



# PAVO 64 DMX CONTROLLER

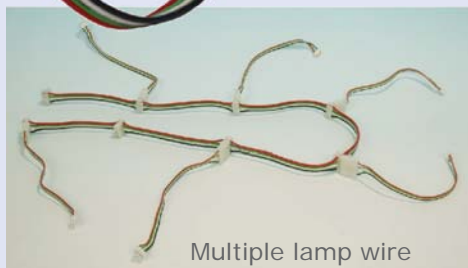
## Connecting and Setting The ID Address Of A TRISTAR®-SMART or TRISTAR® Slave Lamp:

TRISTAR-RGB-DMX LAMPS Connection Diagram: FIG. 1



FIG. 2

### OCB-4-30 Examples:



#### Wiring Key:

- Red Wire** - Power Supply
- Green Wire** - Data signal (+)
- White Wire** - Data signal (-)
- Black Wire** - Power Supply

*Note: With a standard DMX controller, the ground (GND) wire is not used with the TRISTAR-RGB-DMX system.*

1. Connect the OCB-4-30 (the quick connection 4-pin cable bus) to the PAVO-64-DMX Controller. (See Fig. 1 Illustration.)
2. Power up the PAVO-64 DMX Controller.
3. Connect 1 (one) lamp at a time to the OCB-4-30; Follow the instructions steps #4 through #8. (See Fig. 2 Illustration.)
4. Point the TRISTAR IR-1627 remote toward the PAVO-64-DMX Controller. (See Fig. 3 Illustration.)
5. Push the Setup button at the bottom of the remote for lamp ID address.
6. The PAVO-64-DMX will display "Set 485id".
7. Push the up or down buttons to an ID address.
8. Push Enter. The ID address for that lamp is set.
9. Disconnect the lamp and mark it with it's ID address.
10. Connect the second lamp and repeat steps #4 through #8 above. Repeat for each lamp.

FIG. 3  
TRISTAR IR-1627  
Remote

