

## FAQ FOR PAVO-DIAL-DMX 24V CONTROLLER

**Q: How long a length of the STARSTREAM-24-RGB can you connect to the PAVO-DIAL-DMX 24V Controller?**

A: The maximum is 15 meters, but 10 meters is recommended to avoid overheating the PAVO-DIAL-DMX Controller. For longer runs of the STARSTREAM-24-RGB, connect lengths of up to 20 meters with the SS-COUPLER and a power supply. (NOTE: Use 7 watts of 24V power for each meter of the additional length of STARSTREAM-24-RGB up to a maximum of 20 meters. The maximum length of 20 meters, therefore, would require at least 140 watts of power supply). There is no limit to the total length of the STARSTREAM-24-RGB when you use the SS-COUPLER and power supply for each 20-meter additional length.

**Q: Can you connect the TRISTAR-RGB-DMX lamps to the PAVO-DIAL-DMX Controller?**

A: Yes. There is a DMX output port on the PAVO-DIAL-DMX. This output port can provide DMX signals of Channels 1, 2, and 3. You may connect this DMX output port (D+/D-) to the TRISTAR-RGB-DMX lamps. Up to 32 lamps can be connected in parallel.

Be sure to set all of the TRISTAR-RGB-DMX Lamps to address #1 (DMX Channels 1, 2, and 3 in the Lamp).

Now you can use the PAVO-DIAL-DMX Controller to do the same color-changing effects with these TRISTAR-RGB-DMX lamps as you can with the STARSTREAM-24-RGB on the above output port (V+/V-,R,G,B).

You will have to provide a separate power supply for the TRISTAR-RGB-DMX lamps with 12VDC or 12VAC power source. Provide 6 watts of power for each lamp.

**Q: Can you control the color-changing effects on the STARSTREAM-24-RGB and the TRISTAR-RGB-DMX lamps at the same time?**

A: Yes.

**Q: Can the PAVO-DIAL-DMX Controllers be cascaded?**

A: No. The PAVO-DIAL-DMX Controller can give out signals, but it cannot receive signals from another PAVO-DIAL-DMX Controller.

**Q: What is the power usage of the PAVO-DIAL-DMX Controller?**

A: The power usage of the controller is one watt.

**Q: What is the farthest distance the first fixture can be from the controller?**

A: This depends on the wires used, the environment and other interference, but 10 meters would be the maximum recommended.

**Q: When in Function Mode, the color selected is not accurate, for instance when the dial is set to red, the color displayed is green. What is the problem?**

A: Please follow these instructions to set the color displayed in the Function Mode:

1. After setting the color desired in the Function Mode, push the dial in once to set it in the Color/Speed Mode.
2. Turn the dial until it displays the correct color.
3. Press the dial in and hold it for 3 seconds.
4. The color that you set will then be displayed whenever you are in the Function Mode and turn the dial to that color.

**Q: The PAVO-DIAL-DMX Controller has lost its red color function. I checked the wiring and all is secure and checked the contact with the light strip and all is well. Any suggestions?**

A: There are two possible solutions to this problem:

1. When the Function Mode is turned to the single color red, the RGB device(s) show another color besides red. In that case, follow the instructions in the entry above to reset the color red when in the Function Mode.
2. One of the connectors between the controller and the RGB device is not securely connected. Please recheck the connections between the controller and the RGB device(s). In the case of the STARSTREAM-24-RGB, push the QCB-SS-425 output cable into the RGB connector and push the STARSTREAM-24-RGB firmly into the RGB connector.

**Q: Can I connect a DMX controller to the PAVO-DIAL-DMX?**

A: No. The PAVO-DIAL-DMX controller can send signals out to RGB devices or RGB-DMX devices. It can also send signals to a DMX driver, but it only has a one lamp function so each port of the DMX driver would have the same ID address.

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