

Control Options



CV

Description: Variable Delay On Color
Synchronize the Color
Illuminator Use: Changes of up to 100 slave (-SY) illuminators

Technical Remarks:

One CV is added to a network of up to 100 slave (-SY) illuminators. Similar to a master (-SM) illuminator, the CV synchronizes the movement of all color wheels on the network. The CV also provides a variable delay on each color. The delay is user-selectable from 1 second to 60 minutes, with the same delay applied to every color. The CV also provides a run-stop switch allowing simple manual control over color changes, and a reset button that rotates all color wheels to their first position. Every illuminator on the network must have a 3.6 RPM motor. The CV is designed to fit in a standard 4.5" x 2.75" x 2" deep electrical wall box. It consumes 0.5 amps of electricity at 120 volts. The CV connects to each illuminator on the network in a daisy-chain pattern with Beldon 8770 or similar low-voltage cable. Total cable length on the network should be 2,000 feet or less.

Description: Dimmable Ready
Illuminator Use: For Wall-Box
Dimmer

DRC

Description: Dimmable Ready
For Architectural &
Illuminator Use: Commercial
Dimmer

DX

Description: DMX Controller
Controls Dowser
Illuminator Use: (Dimmer) and
Color Wheel

Technical Remarks:

The -DX option adds DMX-512 compatible control over a dimming dowser wheel and a color wheel. Using three DMX channels, the -DX option allows for dowsing of the illuminator output from 100% to nearly 0%, for continuous color wheel rotation at continuously variable speed up to 3.6RPM, and also for "skip to color" control. Using this last option, you can program the illuminator to move from green to blue to yellow to blue and back to green, for example. A complete description on the planning, ordering, installation, programming and operation of Fiberstars DMX systems is available in the 'Fiberstars DMX Modules User's Guide', available from Customer Service and our website. The -DX option requires that the network be controlled by a DMX controller (by others), and that each -DX enabled illuminator be connected to the controller according to DMX protocol. Beldon 9729 is a common cable and may be appropriate for your installation. Please see the DMX Guide for more info. DX is suitable for a maximum of 300 fibers, and only on models 601, 602, 405N and 404N.

DXLR

Description: Same as the -DX Option, but adds XLR connectors for rapid installation

Illuminator Use: Same as the -DX Option

SM

Description: Synchronization Master

Illuminator Use: Synchronizes the color changes of up to 40 slave (-SY) illuminators

Technical Remarks:

One -SM is added to one illuminator on a network of up to 40 slave (-SY) illuminators. The -SM option synchronizes the movement of all color wheels on the network. Every illuminator on the network must have the same speed motor. If run-stop control of the continuous color changes is desired, a toggle switch can be connected to the illuminator with the -SM option. The -SM fits inside one illuminator on a network and connects to the other illuminators on the network in a daisy-chain pattern with Beldon 8770 or similar low-voltage cable. Total cable length on the network should be 2,000 feet or less.

SY

Description: Synchronization Slave

Illuminator Use: Allows an illuminator to operate on a -CV or -SM network

Technical

Remarks:

One -SY is added to each slave illuminator on a network. There must be one -CV or one -SM on the same network. The -SY option allows each illuminator to synchronize with the -CV or -SM so that all colors change together. Every illuminator on the network must have the same speed motor. If run-stop control of the continuous color changes is desired, a toggle switch can be connected to the illuminator with the -SM option. The -SY fits inside one illuminator on a network and connects to the other illuminators on the network in a daisy-chain pattern, starting at the -CV or at the -SM illuminator, with Beldon 8770 or similar low-voltage cable. Total cable length on the network should be 2,000 feet or less.