

Fiber FX

QUICK USER'S GUIDE

General Operation:

POWER - Each unit requires 9VDC, 200mA power supply.

SPEED POT Rotate CW direction to increase speed.

DELAY POT Rotate CW direction to increase delay time. Maximal delay is 10 minutes.

RESET POT Rotate CW direction to increase delay time. Maximal delay is 10 minutes.

CONTROL KNOB* Press once to change pattern. Current pattern number will be displayed on the screen. Press and hold button to set comet length. Tail length will be increased every second till button is pressed up to 16 LEDs maximum. If button is still pressed - length will return to 1 LED and process would start over again.

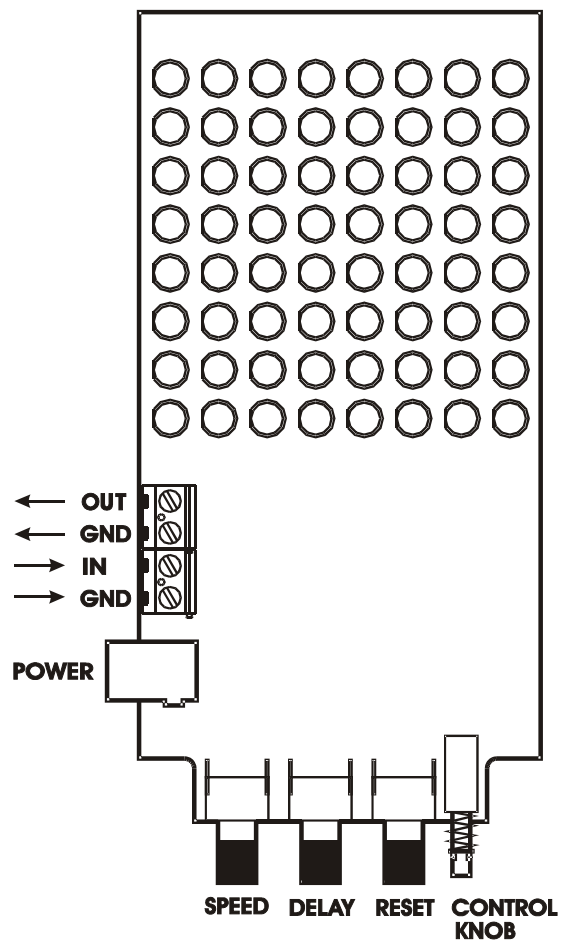


Fig 1 Comet control and terminal overview

* See Synchronous Chain Operation section for additional double click knob function.

Pattern Mode	LED Effect	ADJUSTMENTS			
		Speed	Delay	Reset	Tail Length
1	Light Explosion	YES	NO	YES	NO
2	Random Flash	YES	NO	NO	NO
3	Single Line Comet	YES	YES	YES	YES
4	Continuous Comet	YES	NO	YES	YES
5	Random Comet #1	YES	YES	NO	YES
6*	Random Comet #2	NO	NO	NO	NO
		Fast - Slow	0-10 Min	0-10 Min	1-16

Pattern description:

1. **Light Explosions.** Light spreads from upper right corner through whole screen.
2. **Random Flash.** Single flash at the random location of the screen.
3. **Single Line Comet.** Whole comet goes through line and appears at next line after delay controlled by Delay POT. After last line - there will be delay defined by Reset POT. After delay comet starts from first line again. In this mode length of the comet can be adjusted using push button.
4. **Continuous Comet.** Comet goes through whole screen without pauses between lines. After reaching end of the screen there will be delay, defined by Reset POT. After delay comet starts from first line again. Length of the comet can be also adjusted.
5. **Random Comet #1.** Comet starts at random line and go thought it once. Delay between comets defined by Delay POT. Press and hold push button to set comet length. Current length will be displayed on the screen.
6. ***Random Comet #2.** Same as Random Comet #1, but all parameters (speed, delay between comets and length) will be randomized.

* Random Comet #2 is not available in the Synchronous Chain Operation mode.

Synchronous Chain Operation:

Up to 16 Fiber FX units can be connected into chain for synchronous operation. Output terminal of the each unit should be connected to the Input terminal of the following unit as shown below. Output of the last unit **MUST** be connected to the Input of the first unit in the chain to close the loop. Power should be provided for every unit in chain using power connector (9VDC, 200mA).

MASTER unit should be selected to activate Synchronous Chain. Double clicks push button to select unit as MASTER. Letter "M:" on the LED display confirms MASTER mode selection. If the chain properly connected and all units are powered up Synchronous operation starts immediately. All settings will be controlled by MASTER unit (Delay, length, speed).

Double click push button on the MASTER unit again to turn off Synchronous Chain mode. All units will begin operate in Stand Alone mode using their own settings.

NOTE:

- If Chain is broken for any reason (not connected or some unit is turned off) all units will operate in Stand Alone mode.
- If you set any unit to be in Master - all other units in chain will be automatically set to SLAVE mode. Chain will continue operating with new MASTER unit.

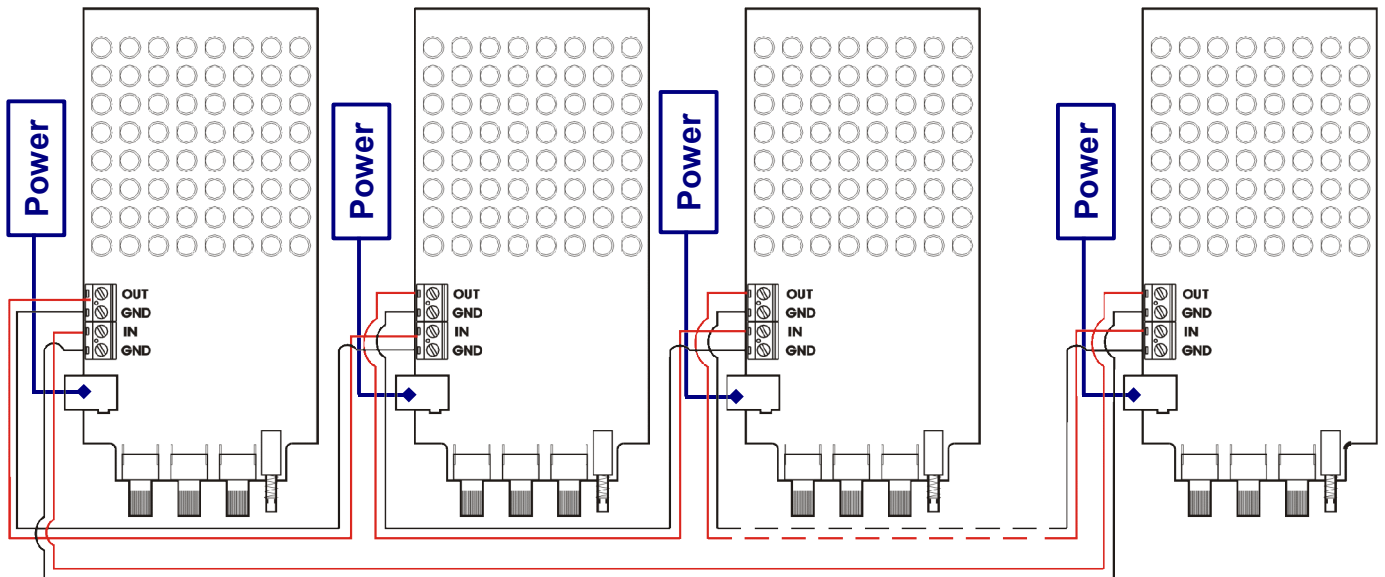


Fig 2 Unit's I/O chain connection