EPIC SKY
TECHNOLOGY
A DIVISION OF IMPACT LIGHTING INC.

EPIC ADDRESSABLE LED FIREWORK
1.0 (9600 8 N 1)

Commands are repeated out of the serial port to pass to the next controller or device.
All commands must be terminated with a carriage return. You can use \r for this.
An 'X' at the beginning of the command represents the address of the controller.
*** 9 is a universal address - all units will respond to this address ***
The *E symbol means that those command values are stored in EEPROM and will load on power up

COMMAND	ACTION	NOTES
Xpfz	All	All color firework
Xpfq	Red and blue	Red and blue firework
Xpfw	White	White firework
Xsasc	Red	Red firework
Xsasd	Green	Green firework
Xsase	Blue	Blue firework
Xsaso	Magenta	Magenta firework
Xsasg	Cyan	Cyan firework
Xsasw	Gold	Gold firework
Xpfs	Sparkle	Sparkle firework
Xpfe	Boom	Quick explosion firework
Xpfh	Hue	Random hue firework
Xpfau	Auto mode	Auto mode, random fireworks
Xpfo	Firework off	Fireworks off
Xpftg	Trigger random	Firework Trigger 1 random firework
Xpfinxxx	Firework interval	Interval of firework in seconds (2 - 255) Default is 4
Xpfspxxx *E	Firework speed	Speed of firework - 0 to 255 - 0 is fastest, 255 is slowest - default is 7.
addr *E	Addressable mode	Puts firework in addressable mode - This will be set when you receive your order.
globaloff	All Off	All Fireworks off, regardless of address
NOTE:		When powered on, the Addressable Firework Board will flash all the LEDs in order, then reverse. After that, a number of LEDs will light up according to the address. The address is one less than the total number of LEDs lit up

EPIC ADDRESSABLE FIREWORK
DIP Switch Address Settings

ADDRESS	SWITCH 1	SWITCH 2	SWITCH 3
0	Up	Up	Up
1	Down	Up	Up
2	Up	Down	Up
3	Down	Down	Up
4	Up	Up	Down
5	Down	Up	Down
6	Up	Down	Down
7	Down	Down	Down
NOTE:	SWITCH 4 is TAIL MODE, UP IS OFF AND DOWN IS ON		