epixsky
experience light

TWILIGHT WHITE LED STARS
2.95 (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.
The *E symbol means that those command values are stored in EEPROM and will load on power up

COMMAND	ACTION	NOTES	COMMAND MODE
ess	Night Sky	Night Sky in 3D perspective	Star Field
es1	Night Sky 50%	Night Sky in 3D perspective at 50% brightness	Star Field
es2	Scintillation	Scintillation	Star Field
es3	Tropical Winds	Tropical Winds - Fast Sparkle	Star Field
esr	Rain Shower	Stars in Rain Shower mode	Star Field
est	Party Mode	Stars all on with strobe/fade out pattern	Star Field
esldxxx *E	Stars on Solid	xxx is the level, 1 - 100, 100 being the brightest	Star Field
ecn	Constellation On	Solid All LED's on solid - separate than star commands	Constellation
ecsp	Constellation Sparkle	Constellations sparkle	Constellation
eco	Constellation Off	Only Constellations turn off	Constellation
eclvxxx *E	Constellation Solid Level	xxx is the level, 1 - 255, 255 is the brightest	Constellation
!	Trigger Shooting Star	Immediately trigger shooting star	Shooting Star
ssj	Shooting Star 10 Seconds	Shooting Star every 10 seconds, Adjustable via RS-232 S	hooting Star
ss1	Shooting Star 1 Minute	Shooting Star every minute	Shooting Star
ss2	Shooting Star 2 Minutes	Shooting Star every 2 minutes	Shooting Star
ss5	Shooting Star 5 Minutes	Shooting Star every 5 minutes	Shooting Star
ssz	Shooting Star 10 Minutes	Shooting Star every 10 minutes	Shooting Star
sso	Shooting Star Off	Boards in shooting star mode will turn off	Shooting Star
ssg	Shooting Star On	Shooting star on	Shooting Star
mso	Meteor Shower On	Meteor Shower mode (DIP switches must be set correctly) Default rate is every 2 minutes	Meteor
msf	Meteor Shower Off	Stops the meteor shower	Meteor
ssd	Power on Setting	Return to Power on DIP Switch Setting	All Modes
espkxxx *E	Star Sparkle Speed	Sparkle Speed, 0 - 255, default is 17, the higher the number, the slower the sparkle	Star Field
mtspxxx *E	Meteor Shower Speed	xxx is the The Speed of the Meteors in the Shower, 0 - 255, Default is 50 (higher is slower)	Meteor
mttmxxx *E	Time Between Meteors	Time in 1/10's of a second between each meteor in the shower (0-255) default is 7	Meteor
mtinxxx *E	Meteor Shower Interval	Time in seconds between meteor showers (0-255) default is 120	Meteor
mtnmxxx *E	Meteor Number	Number of meteors per shower (1-255) default is 19	Meteor
ssspxxx *E	Shooting Star Speed	xxx = 0 (fastest) to 254 (slowest), default is 40	Shooting Star
sstmxxx *E	Shooting Star Interval	Interval Between Shooting Stars in seconds, 0 - 255, Default is 10	Shooting Star
eso	Stars Off	All Stars Off	Star Field
esn	Stars On	Turns on the stars in the last mode they were in	All Modes
globaloff	All Off	All Stars off, regardless of mode	All Modes

NOTE: The Epic Star Boards will read the DIP switch setting on power up, check that the boards are in the right mode before installing in a ceiling. Commands will on work in the corresponding mode that the DIP switches are set to.

EPIC LED STARS
DIP SWITCH SETTINGS

MODE	SWITCH 1	SWITCH 2	SWITCH 3	SWITCH 4	MODE
Night Sky	Up	Up	Up	Up	Star Field
All on 50%	Down	Up	Up	Up	Star Field
All on 25%	Up	Down	Up	Up	Star Field
Meteor Shower	Down	Down	Up	Up	Meteor
Night Sky 50%	Up	Up	Down	Up	S tar Field
Scintillation	Down	Up	Down	Up	Star Field
Tropical Winds	Up	Down	Down	Up	Star Field
Constellation Mode	Down	Down	Down	Up	Constellation
Shooting Star 10 Sec	Up	Up	Up	Down	Shooting Star
Shooting Star 1 Min	Down	Up	Up	Down	Shooting Star
Shooting Star 2 Min	Up	Down	Up	Down	Shooting Star
Shooting Star 5 Min	Down	Down	Up	Down	Shooting Star
Shooting Star 10 Min	Up	Up	Down	Down	Shooting Star
Rain Mode	Down	Up	Down	Down	Star Field
Party (Strobe) mode	Up	Down	Down	Down	Star Field
All on 100%	Down	Down	Down	Down	Star Field
NOTE:	The Epic Star Boards will read the DIP switch setting on power up, check that the boards are in the right mode before installing in a ceiling.				

EPIC LED STARS
BUTTON FUNCTIONS

BUTTON FUNCTIONS	When **Button 1** is pressed, the boards will cycle through the **6 MODES** listed below. After **MODE 6**, the board will go back to **MODE 1**. A _long press_ of **Button 1** *(5 seconds)* will return the board to **MODE 1**. When **Button 2** is pressed, the board will turn off. When the board is **OFF** and **Button 1** is pressed, it will return to the last mode that it was in before it was turned off.

PROGRAM 1	PROGRAM 2	PROGRAM 3	PROGRAM 4	PROGRAM 5	PROGRAM 6
Night Sky	Solid 50%	Tropical Winds	Rain	Strobe	Solid 100%