

EPIC ADDRESSABLE CONSTELLATION

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.

The *E symbol means that those command values are stored in EEPROM and will load on power up

SATURN PLANET COMMANDS

COMMAND	ACTION	NOTES
5cnr	Resume on	Resumes the last mode before being powered off
5cnt	Night Sky	Night Sky at 100% brightness
5cnd	Night Sky	Dim Night Sky at 50% brightness
5cns	Scintillation	Scintillation Mode
5cno	Constellation off	Turns the Saturn off
5cnlxxx *E	Constellation Solid On	xxx is a value from 1 to 255 - 1 is the dimmest, while 255 is brightest.
5cspxxx *E	Sparkle Speed	Speed delay, range is 0 to 255, 0 is the fastest, while 255 is the slowest. The default speed is 7.
globaloff	All Off	Saturn planet off, regardless of address

NOTE:

When powered on, the Addressable Constellation Board will light up a number of LEDs according to the address. The address is one less than the total number of LEDs lit up.

SATURN OUTSIDE RING COMMANDS

COMMAND	ACTION	NOTES
stn	Night Sky	Night Sky in 3-D Perspective
st1	Night Sky 50%	Night Sky in 3-D Perspective at 50% brightness
st2	Scintillation	Scintillation
st3	Tropical Winds	Tropical Winds - Saturn Fast Sparkle
str	Rain Shower	Saturn in Rain Shower Mode
stb	Party Mode	Stars all on with strobe/fade out pattern
stldlxxx *E	Saturn Ring Solid On	xxx is the level, 1-255, 1 is the dimmest, while 255 is brightest.
stspxxx *E	Sparkle Speed	Sparkle Speed, 0 to 255, default is 17, the higher the number, the slower the sparkle
globaloff	All Off	Saturn planet off
version	Show firmware version	Displays the current installed firmware