

Pegasus Astro

Ultimate Powerbox Serial Command Language

Firmware >=v.1.3 (Feb 2018)

Abbreviations used:

nnnn.. = one or more digits
b = Boolean (0 or 1 digit)

Connection Settings: 9600, 8N1

(All commands should be terminated by new line /n)

Command	Description	Response
P#	Status	UPB_OK
PE:bbbb	Set Power Status on boot. Every number represents 1-4 power outputs. (0=OFF, 1=ON).	PE:1
P1:b	ON/OFF Power 1, (0=OFF, 1=ON)	P1:b
P2:b	ON/OFF Power 2, (0=OFF, 1=ON)	P2:b
P3:b	ON/OFF Power 3, (0=OFF, 1=ON)	P3:b
P4:b	ON/OFF Power 4, (0=OFF, 1=ON)	P4:b
P5:b	PWM Duty Cycle Power 5 (DewA) X=0-255 (0-100%)	P5:nnn
P6:b	PWM Duty Cycle Power 6 (DewB) X=0-255 (0-100%)	P6:nnn
PU:b	ON/OFF USB Hub (0=OFF, 1=ON)	PU:b
PF	Reboot Device / Reload Firmware	RBT
PA	Print Power and Sensor Readings	[Check table below]
PC	Print Power Consumption Readings	avgAms:ampHours:wattHours
PD:b	Enable/Disable Auto Dew Feature (X=0,1)	PD:b
PV	Firmware Version	n.n
PZ	ON/OFF All 4 Outputs	PZ:b
PL:b	OF/OFF Led Indicator (0=OFF, 1=ON)	PL:b
SA	Stepper Motor Information	
SB:b	Stepper Backlash Enable/Disable (X=0,1)	-
SP	Stepper Current Motor Position	nnnn..
SH	Stepper Motor Halt	H:1
ST	Stepper Temperature	nn.nn
SI	Stepper Motor Moving Status (0 = idle, 1 = moving)	0 or 1
SM:nnnn..	Stepper Move to New Position	SM:nnnn..
SR:b	Stepper Reverse Motor Direction (0 = normal, 1 = reverse)	SR:b
SC:nnnn..	Stepper Set Current Position	-
SS:nnnn..	Stepper Set Max Speed in EEPROM	-
SG:nnnn..	Stepper Move Motor to + or - steps	SG:nnnn..
SS	Stepper Report Max Speed	nnnn..