

Pegasus Astro

USB Control Hub - Serial Command Language

Firmware >=v.1.3 (review Mar 2020)

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	UCH_OK
PE:bbbbbb	Set Power Status on boot. Every number represents 1-4 power outputs. (0=OFF, 1=ON).	PE:bbbbbb
PE:99	Print EEPROM Power Status on boot	PE:bbbbbb
U1:b	ON/OFF (0=OFF, 1=ON)	U1:b
U2:b	ON/OFF (0=OFF, 1=ON)	U2:b
U3:b	ON/OFF (0=OFF, 1=ON)	U3:b
U4:b	ON/OFF (0=OFF, 1=ON)	U4:b
U5:b	ON/OFF (0=OFF, 1=ON)	U5:b
U6:b	ON/OFF (0=OFF, 1=ON)	U6:b
PF	Reboot Device / Reload Firmware	[none]
PA	Print Power and Port Readings	[Check table below]
PC	Print uptime in milliseconds	PC:milliseconds
PV	Firmware Version	PV:n.n
PL:b	OF/OFF Led Indicator (0=OFF, 1=ON)	PL:b

Transmit: PA

Receive: UCH:5.1:111111

Meaning:

UCH:usb_bus_voltage:usb_port_status

UCH	Device Name
usb_bus_voltage	Voltage in volts (decimal) e.g: 12.2
usb_port_status	Boolean 0 or 1 (1 means port is ON, 0 means port is OFF) e.g: 111111