## **Project SOne Serial Decoding Documentation**

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Direction: Box to Panel Protocol: Standard UART Baudrate: 4800bps Logic Level: 5V TTL

Note: the messages are emitted with 200ms interval, for all the time

M
Heater on +1
LightAC on +2
Light2 on +4

Power off 9

(1) 0xMN for parnel on. 0x00 for panel of

09

### **Actions**

1

(5) celcius value (6) fahrenheit value

00

3 00 4

## Set Temperature

5

2d

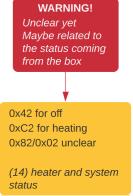
0x00 for 0%, 0x1E for 30%, 0x32 for 50% 0x46 for 70%, 0x64 for 100%

11 42

- (10) Heater 1 level in %
- (11) Heater 2 levle in %
- (12) Heater 3 level in %

### Heater Levels

10 00



**System Status** 

# **5**,515....

15

14

Start Byte

DD

(0) always 0xDD

### Set Time

2

(2) set time in minutes

00

- (3) automode set time in hours
- (4) automode set time in minutes

### Read Temperature

00

8

(7) read temperature in celcius from sensor

00

9

00

- (8) 0x00 on temp reading success, 0x10 on fail
- (9) unclear 0x1a, 0x19, ...

## Light 1

13 08

12 00

(13) lighting mode between 0x00 - 0x08

## Checksum

67

(15) custom checksum

[Sum[(1)..(14)] - 121 mod 256