Project SOne Serial Decoding Documentation

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9

00

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

Note: for each button touch, the same bytearray is repeated 3 times with 200ms interval, thus, it takes 400ms and a little

more for one transmission.

Heater on +1 Power on 1 Power off 9 (1) 0xMN

1

Actions

09

(6) fahrenheit value

00

5

2d

(5) celcius value

Set Temperature

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

WARNING! Unclear yet Maybe related to the status coming from the box 0x42 for off 0xC2 for heating 0x82/0x02 unclear (14) heater and system status **System Status**

14

Start Byte

(0) always 0xCC

CC

Set Time

00

2

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

3 00 4

Other Actions

00

8

00

setting temperature

setting time in automode

- (9) 0x00 for entering automode, 0x02 for hours

Light 1

13 08

12 00

(13) lighting mode between 0x00 - 0x08

Checksum

67

15

(15) custom

mod 256