

1. baudrate 9600, no parity, 8 data bits , 1 stop bit
2. for example, after sending A command, receive 45bytes from 309.

02	80	80	01	02	02	02	00	EF	7F	FF	7F	FF	7F	FF	00
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	0E	00	00	00	0E	03			

1st BYTE must be 02

2nd BYTE

80=10000000

bit 0=0 not in REC mode(no useful for 304)

bit 2 & bit 1 =00 normal mode(no max/min)

bit 3 =0 not in T1-T2 mode

bit 4 =0 not in REL mode

bit 5 =0 not in HOLD mode

bit 6 =0 battery is not low

bit 8=1 C unit

3rd BYTE:

06=00000110

bit 0= 0 Memory is not full(not useful for 304)

bit 1

bit 2

bit 3

bit 4

bit 5

bit 6

bit 7=1 1 in auto power off mode

4,5,6,7 byte N/A,

In normal mode,8~15 byte are reading value

8th and 9th byte is the value of channel 1 ,00 EF is hex, decimal is 239, divide by 10 is 23.9

10th and 11th: byte is the value of channel 2.

12th and 13th: byte is the value of channel 3.

14th and 15th: byte is the value of channel 4.

In REL mode 16~23 bytes are reading value.

In MIN mode 24~31 bytes are reading value

In MAX mode 32~39 bytes are reading value

40rd BYTE: in normal mode,OL or not for each channel

OE=00001110

bit 0= 0 channel 1 is not OL

bit 1 =1 channel 2 is OL.

bit 2 =1 channel 3 is OL.

bit 3=1 channel 4 is OL.

bit 4 N/A

bit 5 N/A

bit 6 N/A

bit 7 N/A

41rd BYTE: In RELmode, mode,OL or not for each channel

OE=00001110

bit 0= 0 channel 1 is not OL

bit 1 =1 channel 2 is OL.

bit 2 =1 channel 3 is OL.

bit 3=1 channel 4 is OL.

bit 4 N/A

bit 5 N/A

bit 6 N/A

bit 7 N/A

42rd BYTE: in MAX, mode,OL or not for each channel

OE=00001110

bit 0= 0 channel 1 is not OL

bit 1 =1 channel 2 is OL.

bit 2 =1 channel 3 is OL.

bit 3=1 channel 4 is OL.

bit 4 N/A

bit 5 N/A

bit 6 N/A

bit 7 N/A

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43rd BYTE: in MIN mode, OL or not for each channel

0E=00001110

bit 0= 0 channel 1 is not OL

bit 1 =1 channel 2 is OL.

bit 2 =1 channel 3 is OL.

bit 3=1 channel 4 is OL.

bit 4 N/A

bit 5 N/A

bit 6 N/A

bit 7 N/A

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44rd BYTE: resolution for each channel

0E=00001110

bit 0= 0 channel 1 reading value=value/10

bit 1 =1 channel 2 reading value=value

bit 2 =1 channel 3 reading value=value. .

bit 3=1 channel 4 reading value=value.

bit 4 N/A

bit 5 N/A

bit 6 N/A

bit 7 N/A

45rd BYTE must be 03