

304,309 PROTOCOL OF SERIAL INTERFACE

Baudrate : 9600

Parity: none

Data bits : 8

Stop bits : 1

Command A(304):

1st BYTE:

The first byte is the start byte , it value is 2.

2nd BYTE:

bit7	bit6	bit5	bit4	Bit3	bit2	bit1	bit0
C/F	Low Bat	Hold	REL	T1-T2	MAX/MIN		Recording

bit0: 1->now is recording , 0->not recording

bit 2 bit 1

0 0 ->normal mode

0 1 ->MAXIMUM mode

1 0 ->MINIMUM mode

1 1 -> calculate MAX/MIN in background and lcd "MAX""MIN" will flash.

bit3 1 ->LCD now is displaying T1-T2 .

bit4:1->REL

bit5:1- HOLD 0->not HOLD

bit6:1->LOW BATTERY 0->BATTERY NORMAL

bit7:1->C 0->F

3rd BYTE:

bit7	bit6	bit5	bit4	bit3	bit2	bit1	bit0
Auto Off							MemFull

Bit7:1->Auto power off enabled.

4th BYTE:T1_State db ? ;

5th BYTE:T2_state db ? ;

6th BYTE:T3_state db ? ;

7th BYTE:T4_state db ? ;

8th BYTE and 9th BYTE:

For example: 8th and 9th byte are 0x01 0x02 then channel 1 will be 0x0102 that is 258 in decimal , then divided by 10 , that is 25.8 degree

10th BYTE and 11th BYTE:

For example: 10nd and 11nd byte are 0x01 0x02 then channel 2 will be 0x0102 that is 258 in decimal , then divided by 10 , that is 25.8 degree

12nd BYTE and 13nd BYTE:

For example: 12nd and 13nd byte are 0x01 0x02 then channel 3 will be 0x0102 that is 258 in decimal , then divided by 10 , that is 25.8 degree

14nd BYTE and 15nd BYTE:

For example: 14nd and 15nd byte are 0x01 0x02 then channel 4 will be 0x0102 that is 258 in decimal , then divided by 10 , that is 25.8 degree

;

16nd BYTE and 17nd BYTE: 當按下REL鍵後的channel 1 讀值,解法與上同

18nd BYTE and 19nd BYTE: 當按下REL鍵後的channel 2 讀值,解法與上同

20nd BYTE and 21nd BYTE: 當按下REL鍵後的channel 3 讀值,解法與上同

22nd BYTE and 23nd BYTE: 當按下REL鍵後的channel 4 讀值,解法與上同;

24nd BYTE and 25nd BYTE: 當按下MAX/MIN鍵後的channel 1 的最小值,解法與上同

26nd BYTE and 27nd BYTE: 當按下MAX/MIN鍵後的channel 2 的最小值,解法與上同

27nd BYTE and 29nd BYTE: 當按下MAX/MIN鍵後的channel 3 的最小值,解法與上同

30nd BYTE and 31nd BYTE: 當按下MAX/MIN鍵後的channel 4 的最小值,解法與上同

;

32nd BYTE and 33nd BYTE: 當按下MAX/MIN鍵後的channel 1 的最大值,解法與上同

34nd BYTE and 35nd BYTE: 當按下MAX/MIN鍵後的channel 2 的最大值,解法與上同

36nd BYTE and 37nd BYTE: 當按下MAX/MIN鍵後的channel 3 的最大值,解法與上同

38nd BYTE and 39nd BYTE: 當按下MAX/MIN鍵後的channel 4 的最大值,解法與上同

;

40nd BYTE: Channel_OL_Set ;

41nd BYTE: Rel_OL_Set ;

42nd BYTE: Max_OL_Set ;

43nd BYTE: Min_OL_Set ;

44th BYTE : Channel_X1_X10

45th BYTE

The last byte is the end byte , it value is 3, first and last byte are used to check frame error.

For example: 8nd and 9nd byte are 0x01 0x02 then T1 will be 0x0102 that is 258 in decimal , then divided by 10 , that is 25.8 degree