304,309 PROTOCOL OF SERIAL INTERFACE

RS232 command	Function	Remarks
A(ASC 41H)	nquire all encoded data	
C(ASC 43H)	C/F button	
E(ASC 45H)	REC button	Only for 309
H(ASC 48H)	Hold button	
K(ASC 4BH)	Ask for model No.	
M(ASC 4DH)	MAX/MIN button	
N(ASC 4EH)	Cancel AVG/MAX/MIN	
R(ASC 52H)	REL button	
T(ASC 54H)	T1-T2 button	

Command A(304,309):

1nd 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 ->MAXIMUN mode

1 0 ->MINIMUN 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

3nd BYTE:

bit7	bit6	bit5	bit4	bit3	bit2	bit1	bit0
Auto Off							MemFull

Bit7:1->Auto power off enabled.

4nd BYTE:T1_State db ? ;

5nd BYTE:T2_state db ? ;

6nd BYTE:T3_state db ? ;

7nd BYTE:T4_state db ? ;

8nd BYTE:T1BinH db ? ;
9nd BYTE:T1BinL db ? ;
10nd BYTE:T2BinH db ? ;
11nd BYTE:T2BinL db ? ;
12nd BYTE:T3BinH db ? ;
13nd BYTE:T3BinL db ? ;
14nd BYTE:T4BinH db ? ;
15nd BYTE:T4BinL db ? ;
;
16nd BYTE:T1RelbinH db ? ;
17nd BYTE:T1RelbinL db ? ;
18nd BYTE:T2RelbinH db ? ;
19nd BYTE:T2RelbinL db ? ;
20nd BYTE:T3RelbinH db ? ;
21nd BYTE:T3RelbinL db ? ;
22nd BYTE:T4RelbinH db ? ;
23nd BYTE:T4RelbinL db ? ;
;
24nd BYTE:T1MinbinH db ? ;
25nd BYTE:T1MinbinL db ? ;
26nd BYTE:T2MinbinH db ? ;
27nd BYTE:T2MinbinL db ? ;
28nd BYTE:T3MinbinH db ? ;
29nd BYTE:T3MinbinL db ? ;
30nd BYTE:T4MinbinH db ? ;
31nd BYTE:T4MinbinL db ? ;
;
32nd BYTE:T1MaxbinH db ? ;
33nd BYTE:T1MaxbinL db ? ;
34nd BYTE:T2MaxbinH db ? ;
35nd BYTE:T2MaxbinL db ? ;
36nd BYTE:T3MaxbinH db ? ;
37nd BYTE:T3MaxbinL db ? ;
38nd BYTE:T4MaxbinH db ? ;
39nd BYTE:T4MaxbinL db ? ;
40nd BYTE:Channel_OL_Set db ? ;
41nd BYTE:Rel_OL_Set db ? ;
42nd BYTE:Max_OL_Set db ? ;
43nd BYTE:Min_OL_Set db ? ;
44th BYTE :Channel_X1_X10 db ?
45th BYTE

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