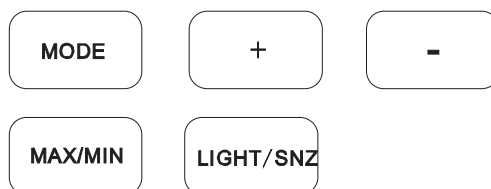
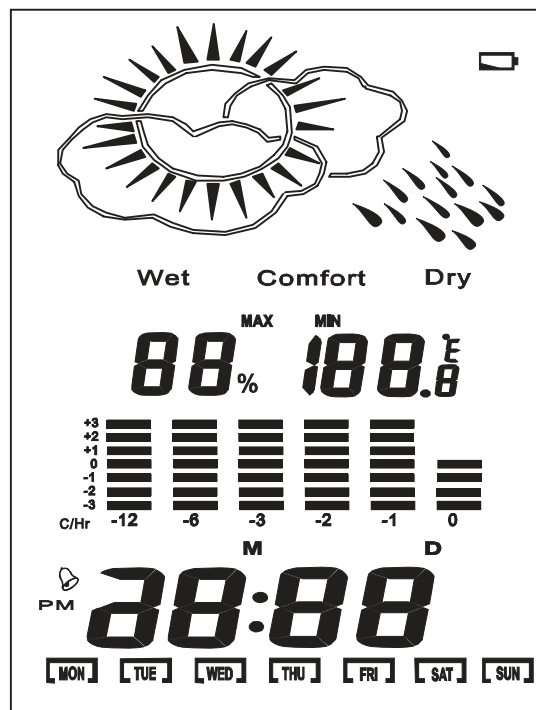


Weather Forecast Clock

A) Features

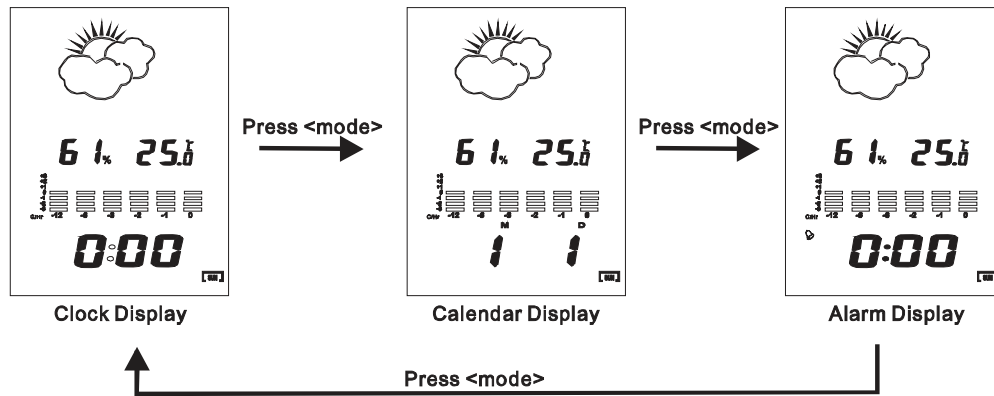
- 1) 3V operate, low power consumption
- 2) 12 hour temperature trend bar chart display
- 3) Calendar range: 2001~2099 (Default 1-1-2006)
- 4) 2 minute alarm and 8 minute snooze function
- 5) Approximate 8 second LED back light
- 6) Maximum and minimum temperature and humidity record
- 7) Low battery detect function
- 8) C/F temperature format display conversion
- 9) Temperature measurable range: -9.9~60 deg C (14.2~140 deg F)
Temperature measure accuracy: +/- 1deg C
Temperature display resolution: 0.1 deg C
- 10) Humidity measurable range: 20~99% RH
Humidity measure accuracy: +/- 5% RH
Humidity display resolution: 1% RH

B) LCD Display



Weather Forecast Clock

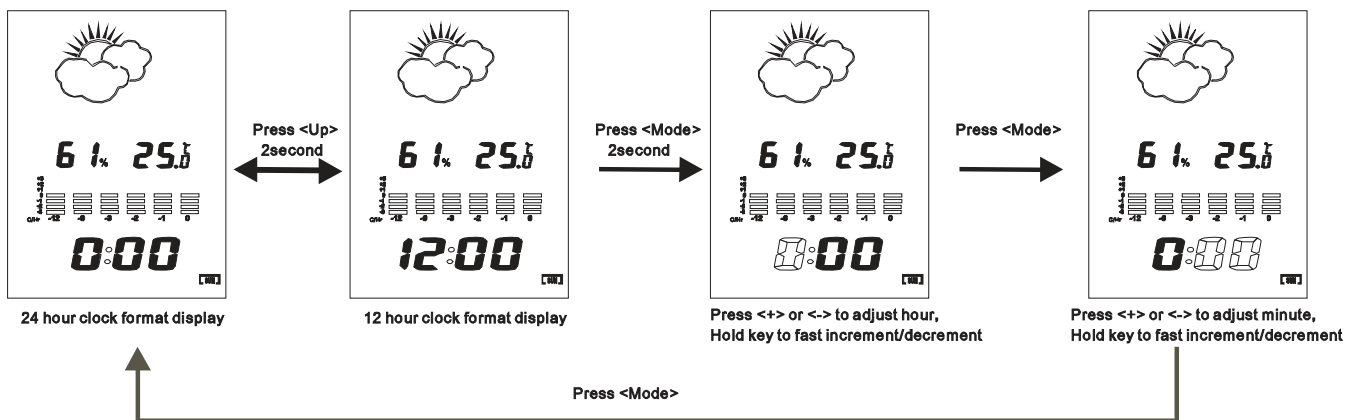
C) Mode operation



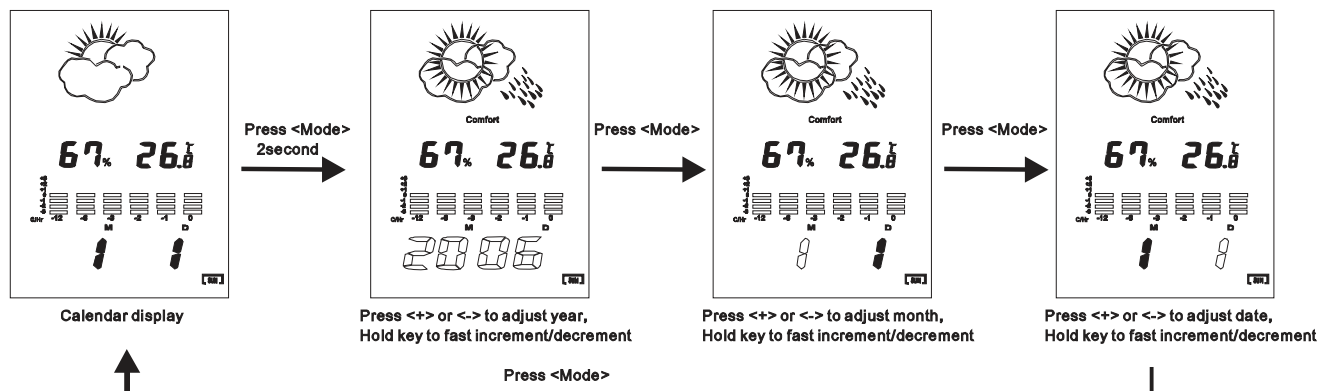
Remark: Calendar or alarm display will timeout to clock display if no key press for approximate 8 second

D) Operation manual

1) Setting the time



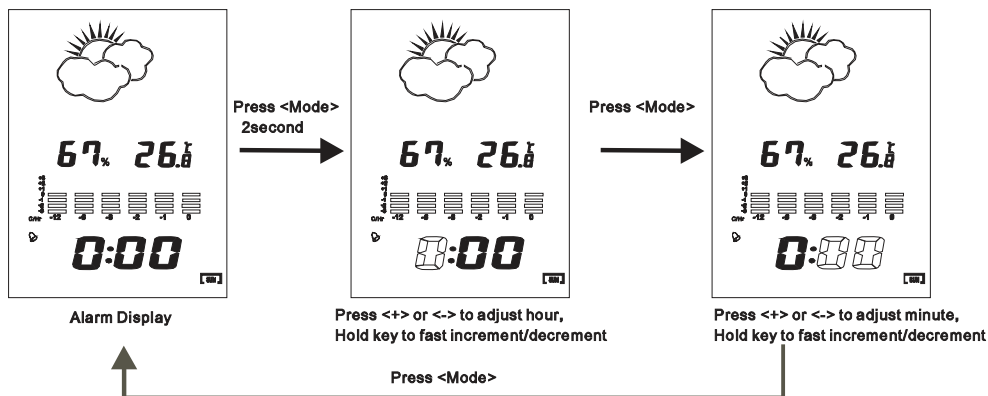
2) Setting the calendar



Remark: Setting mode will timeout to clock display if no key press for approximate 8 second

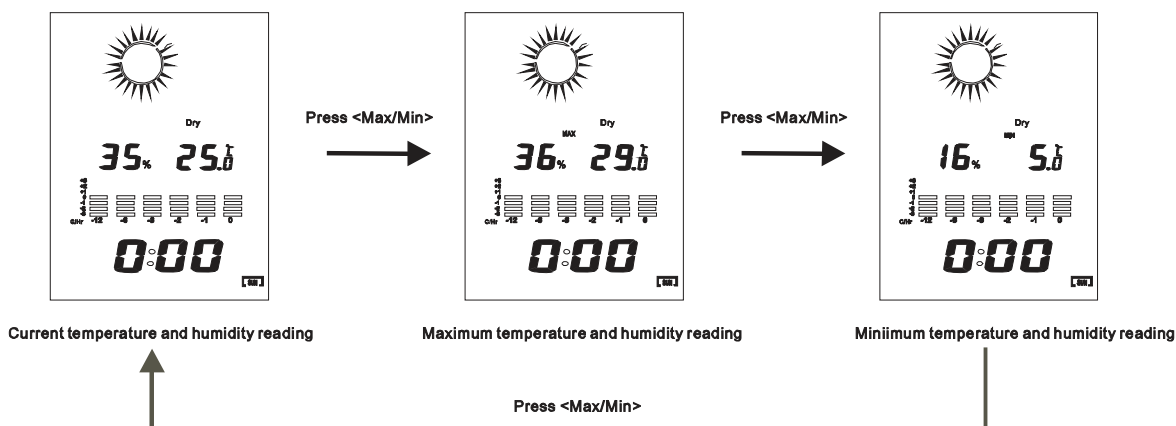
Weather Forecast Clock

3) Setting the alarm



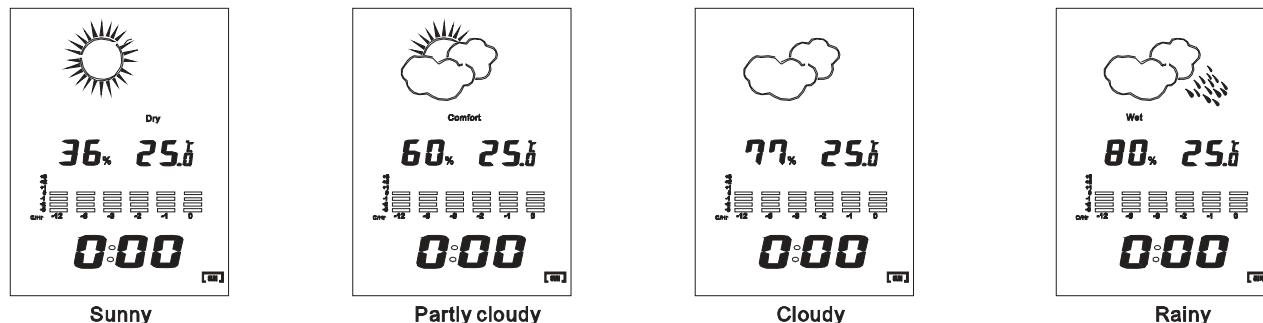
Remark: During alarm, press <LIGHT/SNOOZE> key to activate snooze function.
Press any key (except <LIGHT/SNOOZE>) can stop snooze function when it is activated.

4)Checking temperature and humidity record



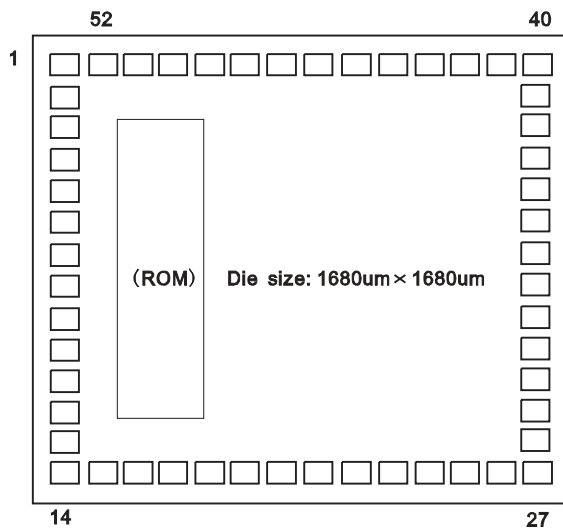
Remark: The maximum and minimum record will automatically clear at 0:00 daily

5)Weather Forecast



Remark: "Dry" icon will display when humidity is below 40% RH
"Comfort" icon will display when temperature is between 20-25 deg C and at the same time humidity is between 40-70% RH
"Wet" icon will display when humidity is above 70% RH

Weather Forecast Clock



The substrate of chip should be connected to GND.

NO	NAME	X	Y	NO	NAME	X	Y
1	BAK	77.5	1602.5	27	SEG13	1602.5	77.5
2	XIN	77.5	1472.5	28	SEG14	1602.5	207.5
3	XOUT	77.5	1357.5	29	SEG15	1602.5	322.5
4	GND	77.5	1242.5	30	SEG16	1602.5	437.5
5	VDD1	77.5	1127.5	31	SEG17	1602.5	552.5
6	VDD2	77.5	1012.5	32	SEG18	1602.5	667.5
7	VDD3	77.5	897.5	33	SEG19	1602.5	782.5
8	CUP1	77.5	782.5	34	SEG20	1602.5	897.5
9	CUP2	77.5	667.5	35	SEG21	1602.5	1012.5
10	COM1	77.5	552.5	36	SEG22	1602.5	1127.5
11	COM2	77.5	437.5	37	SEG23	1602.5	1242.5
12	COM3	77.5	322.5	38	CX	1602.5	1357.5
13	COM4	77.5	207.5	39	RR	1602.5	1472.5
14	COM5	77.5	77.5	40	RT	1602.5	1602.5
15	SEG1	207.5	77.5	41	RH	1472.5	1602.5
16	SEG2	322.5	77.5	42	SEG24	1372.5	1602.5
17	SEG3	437.5	77.5	43	IOB2	1242.5	1602.5
18	SEG4	552.5	77.5	44	IOB3	1127.5	1602.5
19	SEG5	667.5	77.5	45	BZ	1012.5	1602.5
20	SEG6	782.5	77.5	46	IOC1	897.5	1602.5
21	SEG7	897.5	77.5	47	IOC2	782.5	1602.5
22	SEG8	1012.5	77.5	48	IOC3	667.5	1602.5
23	SEG9	1127.5	77.5	49	IOC4	552.5	1602.5
24	SEG10	1242.5	77.5	50	RESET	437.5	1602.5
25	SEG11	1357.5	77.5	51	INT	322.5	1602.5
26	SEG12	1472.5	77.5	52	N.C.	207.5	1602.5