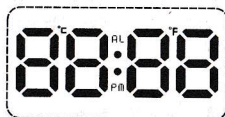1、 Functions

●4-bit LED display
●Time function: it displays hour ,minute and it can change in 12/24 hour system.
●Date function: it displays day, month and year (from 2000 to 2099).
●Alarm function: you can set daily /workday alarm and snooze time.
●Temperature function: It can display the °F/℃ and you can choose °F/℃ by the MODE key . The normal measurement range is -10℃~50℃ (14°F~122°F) 。
●Mode selection function: Please press the MODE key to change modes.
●Brightness control function: You can press SNOOZE key to adjust three way screen brightness without snooze mode.
●Low light function: when 18:00-7:00,the screen is in low light automatically.
●The external power supply 5V/DC is the typical working voltage, and the battery power supply is 4.5V (3*AAA).
●The keys with sound.

2、 Led full screen display

3、 Key format：there are 5 keys

●　　　　　●　　　　　●　　　　　●　　　　　●
MODE　　　UP　　　DOWN　　　ALARM　　　SNZ/LIGHT

4、 Detailed instructions

(1) Normal time mode:
●After connecting the power ,the LED screen will full display for 2s , then it makes a sound "Bi" to enter the normal time mode and displays 0:00 (the default is 24 hour system).
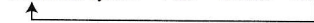●In the normal time mode,press MODE key to enter the corresponding functions as follows:

　　　　　Time mode　Date mode　Temperature　ON/OFF at night(the default is OFF)

●In the normal time mode,long press MODE key for 2s to enter the time mode, and press UP/DOWN key to set time as follows. Press and hold to quickly increase/decrease.

　　　　　12/24 hour system　Hour　Minute　Escape

●If you change to 12 hour system , the sign PM will light.
●In the setting mode, it will escape the setting mode without any key for 15s and keep the time you set before.

(2)Date mode:
In the normal time mode, press MODE key to enter date mode, the date displays 1st, January,2010.
●In the date mode, long press MODE key for 2s to set date, and press UP/DOWN key to set time as follows. Press and hold to quickly increase/decrease.

　　　　　　　Year-- Month-- Date—Escape

●In the setting mode, it will escape the setting mode without any key after 10 seconds, and then enter the time mode.

(3)Alarm mode:

●In any mode, press ALARM key to turn on/off alarm. The default alarm time is 6:00 in 24-hour system.
●In any mode, long press ALARM key for 3s to set alarm, and press UP/DOWN key to set time as follows. Press and hold to quickly increase/decrease.

　　　　Hour-- Minute-- Snooze time --Choose the workday alram (1-7/1-6/1-5)—Escape

●The snooze time range is: 01-60 minutes, 5 minutes by default .Workday alarm 1-7 by default.
●In the setting mode, it will escape the setting mode without any key for 15s and then return to the time mode .
●When the alarm rings, it will return to the alarm mode and make a sound "DiDiDi" ,at time same time the sign will flash, after 1 minute it will stop or press any key can stop it, but the sign won't disappear.
●When the alarm rings, press SNOOZE key to pause ringing and start snooze once, the sign will flash. Press any key can stop ringing and snooze.
●In the snooze state, press any key (except SNOOZE key) can turn off snooze.
●It will display the alarm time when the alram stops, and return to the time mode after 10s.
●In the alarm setting mode,it will stop ringing.

(4)Temperature mode
●After connecting the power, the clock will automatically detect the temperature, press the MODE key to enter the temperature mode, press the DOWN key to choose °C/°F. The normal measurement range is -10℃~50℃(14°F~122°F).
●In the temperature mode, long press the MODE key until sound "Bi" , the LED screen will display the time ,date and temperature in turn. The time is for 10s, the date and temperature are for 3s in turn. Then long press the MODE key until sound "Bi" again to display the normal time.

(5)Power saving mode
●The screen will light all the time when connects 5V power.
●In the time mode (not in setting and snooze state), when the clock connets 4.5V, the LED screen will turn off without any key for 15s and enter the power saving mode. But it can hold the normal time and temperature and keep the time you set before., .
●When the clock is in the power saving mode, press any key can start screen.
●If the clock is in the power saving mode, when alarm rings, it will turn on LED screen automatical ly.
●In the normal display mode with power saving, lighten the screen it will display the normal time.
●In the changing display mode with power saving, lighten the screen it will display the normal time.

(6)Night mode
●In the time/date/temperture mode, press the SNOOZE key to set brightness, High –2/3--1/3--Off, the default is high light..
●In the time mode, press the MODE key thrice to enter the night mode, then press the UP/ DOWN key to turn on/ off the night mode (the default is turn off).
●If the clock is in the night mode, the screen is in low light automatically when 18:00-5:59.
●When the night mode turns on, long press the MODE key for 2s to set time, the order is: start hour—start minute—stop hour—stop minute.
●In the power saving mode, press any key to lighten LED screen for 15s.