BJ2949 MOVEMENT INSTRUCTION

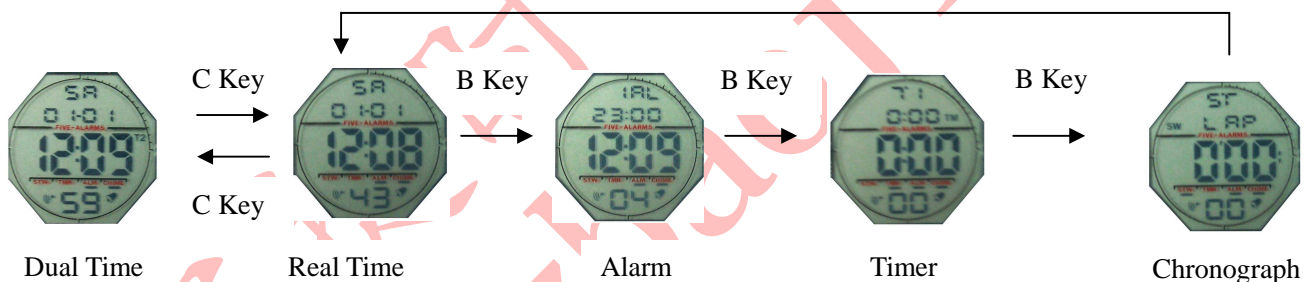LIGHT （A Key） ———— ———— （D Key） START

MODE （B Key） ———— ———— （C Key） RESET

A . Features

- 12 Digits LCD Display，Display Hour ,Minute ,Second , Month , Day ，Year(2000 年~2069 年) and Week .
- Dual Time
- 5 group alarm .
- Chime on every hour .
- 3 group count-down function .
- Summer time .
- Chronograph function .
- Slip operate stopwatch .
- 12 / 24H format selectable，Auto Calendar
- 1/100 second Chronograph
- key tone
- EL backlight

B . Operational Manual

| Dual Time | Real Time | Alarm | Timer | Chronograph |

1. **At any state ,press A key EL backlight for 3s .**

2. **Time Setting**
- At normal mode ,press D key over 3 seconds ,"second "flash ,then press C key to zero resume .Press D key to select mode in turn as following : "Minute ","Hour ","Year ","Month ","Day ",press B or C key to set while each item flash   (B for backwards ,C for forwards) .And then press D key over 3 seconds to return normal mode and setting complete .
- **Summer time setting**
  At time setting mode ,press D key over 3 seconds entering summer time setting mode when "minute " flash .Press D key On/Off summer time ,then press D key to return .
- **NOTE :**Normal time will auto faster a hour at Am.2.00 on the last Sunday in Mar. of Gregorian calendar and lower a hour at Am2.00 on the last Sunday in Oct. of Gregorian calendar when ON summer time .If off ,the function of above mentioned will be canceled .
- **Double time setting**
  At normal mode ,press C key entering the second time state ,("T2" showing at the downcorner of the LCD) , press D key over 3 seconds and "hour" flash ,then press B or C key setting ， (B key for backwards ,C key for forwards .) Press D key over 3 seconds to return .

3. **Daily Alarm Chime setting**
- Alarm and Chime On/Off .

- ➢ At alarm mode ,press D key over 3 seconds , "AL" will flash , this time press C key on / off Alarm (" ♫ ") will display when alarm on) or Chime (" ♥ " will display when chime on) .

- ➢ **Alarm setting**
  At alarm mode ,press D key over 3 seconds ,"AL"will flash ,then press D key again to alternative "hour "or "minute " setted ,press B or C key setting (B for backwards ,C for forwards).Press D key over 3 seconds to complete .

- ➢ **Alarm select**
  5 group alarm can be setted at the same time .the method is entering alarm mode ,press C key to select from AL 1 to AL 5 .The alarm setting is same as above ,and ringing 23 seconds for every group .

4. Count-down time function

- ➢ At count-down time mode ,press D key over 3 seconds and "hour ","minute "flash ,press B or C key setting (B key for backwards ,C key for forwards).Press D key over 3 seconds to complete ,and press D key again to star or pause count-down time .

- ➢ **Count-Down Select**

- ➢ 3 group count-down time can be setted at the same time ,the method is entering count-down mode ,press C key. to select from T 1 to T 3 (the max count-down time :T1=90 Minutes ,T2=24 hours ,T3=1825 days).The method of setting is same as above .When count-down finish ,the hint sounds will click 3 seconds then return to setting state .Press D key again to turn on count-down circle .

- ➢ **NOTE:**The account method of T2 :The actual count-down time is the result of setting time subtract current time . The account method of T3 :The actual count-down days is the result of setting date subtract current date .

5. Chronograph function

- ➢ At chronograph mode ,press C key to alternate circle chronograph (SPL) or slip chronograph (LAP) mode .

- ➢ Press D key to start chronograph ,press again to pause ,and again to continue .Press C key to zero resume when stop ;And press C key to record current time when in process .

- ➢ NOTE:At "SPL"'s slip chronograph ,press D key to start ,and record the first person's time ;At one time press C key to record the second person's time ,and display on the half of the LCD .Press C key again showing the third person's time on the half of the LCD , and by analogy .

- ➢ **Selectable 12/24 format**

- ➢ In process of step one adjusting "hour ",press B or C key till "H" on LCD ,it means 24format ;If "A" or "P" on LCD ,it means 12 format ,AM means morning ,PM means afternoon .

6. At any mode ,press A key EL bright .

C. Specifications

- ➢ Module Size : Φ33mm
- ➢ Module Thickness : 7.8mm ± 0.1mm
- ➢ Operational Temperature Range : -10℃~+60℃
- ➢ Operational Voltage : 3.0V
- ➢ Accuracy : ±90sec/month
- ➢ Battery Code : CR2025
- ➢ Current Consumption for Digit (maxima) : ≤3.5 u A(T=25℃)
- ➢ Current Consumption for Digit (averagely) : ≤2.7 u A(T=25℃)
- ➢ Alarm Current : ≤2.5 m A
- ➢ EL Current : ≤12 m A
- ➢ Battery life 2 backlight operation (3seconds) per day / 23 seconds of alarm operation per day : 24month(Japan Lithium)

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