

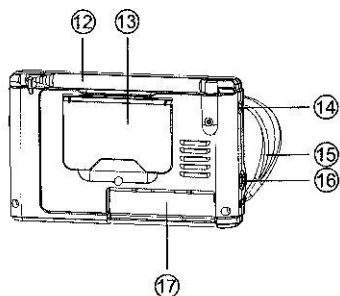
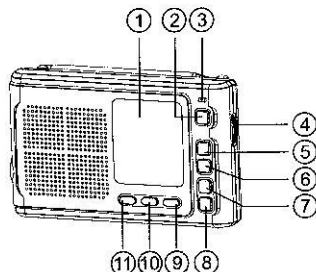
# KK-D680 Operating Instruction

## Radio design :

### 外观图与功能简介

产品电子

1. 显示屏
2. 电源开关/睡眠关机
3. 复位键
4. 调谐选台旋钮
5. 音量+
6. 音量-
7. 向上调谐/调整时间+
8. 向下调谐/调整时间-
9. 波段转换/时间模式



10. 翻页
11. 存储电台/定时设置
12. 拉杆天线
13. 支撑架
14. 外接电源插孔
15. 手挽带
16. 耳机插孔
17. 电池仓

1. LCD Display	10. Page
2. Power/ Sleep	11. Memory / Alarm Time Set
3. Reset	12. Antenna
4. Tuning Knob	13. Supporting Rack
5. Volume +	14. External D.C. Jack
6. Volume -	15. Hand Strap
7. Up +	16. Earphone Jack
8. Down -	17. Battery Compartment
9. Band / Time Mode	

## BATTERY OPERATION

### Battery Installation :

1. Open the battery compartment cover and insert two AA batteries.
2. Close the compartment cover.

### Battery Replacement

1. When volume becomes wake, please replace batteries.
2. The replacement process should be completed in 15 seconds, otherwise the memory of the radio will be lost.

## **RADIO LISTENING**

### **Power On/Off :**

Short press the Power button (2) to turn on the radio. You can turn off the radio by pressing the same button.

### **Volume Control :**

1. The radio uses electronic volume control.
2. Under radio operation, press + button (5) to increase the volume. The highest level at 39. Press – button (6) to reduce the volume. The lowest at 0.

### **Use of Antenna :**

1. AM : The built-in magnetic antenna inside the radio is used. Rotate body to get best reception.
2. FM : Extend the antenna. Try different angles to get the best reception
3. SW : Extend the antenna. Make the antenna vertical.
4. You can improve the radio reception by using the extension wiring antenna. One end with the telescopic antenna. Hook the other end to the window.

### **Band Selection:**

Under the radio mode, press the Band button (9) to switch between FM, AM and SW.

### **Tuning Knob :**

User can make use of the Tuning Knob (4) to search for the station.

### **Manual Search :**

Press Up (7) or Down (8) once at a time until you locate the station. For each time you press, the frequency will increase or decrease by one step.

### **Auto Search :**

1. Under the radio mode, press and hold the Up button (7) or Down button (8) for 2 seconds , the radio will automatically search and stop at the next station.
2. You may stop the search anytime by pressing any button.

### **Memory Presets :**

1. Search the station using tuning knob, manual or auto search.
2. Press the Memory button (11) , the LCD indicator “PRESET” will blink.
3. Press the Page button (10) to advance to the channel.
4. Press the Memory button (11) again to confirm.

**(Each band can store 30 stations – 0-29 channels)**

### **Memory Recall :**

1. Press the Band button (9) to select the band.
2. Press the Page button(10) to advance to the required channel.

### **Backlight :**

User can press any button to turn on the backlight. The backlight will stay on for a few seconds.

## **TIME SETTING**

1. Under the radio off mode, if the display shows an alarm indicator, press Alarm Time Set (11) to cancel it.
2. Press the Time Mode(9) button once. The hour digit will blink. Press the Up (7) or Down (8) button to set the hour.
3. Press the Time Mode(9) button twice. The minute digit will blink. Press the Up(7) or Down(8) button to set the minute.

## **CALENDAR SETTING**

### **Setting The Year :**

1. Under the radio off mode, if the display shows an alarm indicator, press Alarm Time Set (11)

to cancel it.

2. Press the Time Mode (9) button three times, the year digit will blink.
3. Press the Up(7) or Down(8) button to select the year.

#### **Setting The Month :**

1. Press the Time Mode (9) button four times, the month digit will blink.
2. Select the month same as above.

#### **Setting The Date :**

1. Press the Time Mode (9) button five times, the date digit will blink.
2. Select the date same as above.

#### **ALARM SETTING**

1. Under the radio off mode, press the Alarm Time Set (11) button. The alarm indicator will turn on. The radio will enter into wake-to-radio mode.
2. Press the Time Mode (9) button once, the hour digit will blink. Press the Up(7) or Down(8) button to set the hour.
3. Press the Time Mode(9) button twice, the minute digit will blink. Press the Up(7) or Down(8) button to set the minute.
4. The radio will turn on automatically at the preset time. Radio will turn off after 90 minutes operation.
5. User can turn off the radio earlier by press the Power button.

#### **SLEEP FUNCTION**

1. Under the radio off mode , long press Sleep (2) button to turn on the radio. The sleep icon and “90” min will show up.
2. Press Sleep (2) button to adjust the sleep time in the following order :  
90-80-70-60-50-40-30-20-10- cancel . The radio will shut off at the preset time.
3. You can turn off the radio by press the Sleep (2) button if you would like to turn off the radio early.

#### **SPECIFICATIONS**

1. Frequency Range
  - FM 64-108 MHz
  - AM 522 - 1710 KHz (9k tuning step)
  - SW 2.3 – 21.85 MHz
2. Memory Preset (90)
  - FM (30), AM(30), SW (30)
3. Noise Limit Sensitivity
  - FM  $\leq 3.5\mu\text{V}$
  - AM  $\leq 3\text{mV/m}$
  - SW  $\leq 30\mu\text{V}$
4. S/N Ratio
  - FM  $\geq 45\text{dBu}$
  - AM  $\geq 40\text{dBu}$
  - SW  $\geq 40\text{dBu}$
5. Single Signal Selectivity  $\geq 40\text{dBu}$
6. Stereo Reception Separation  $\geq 20\text{dB}$
7. Power : DC 3V or 2 x AA batteries
8. Power Consumption :  $< 200\text{mA}$
9. Speaker : 57mm/8ohm/0.25W
10. Earphone jack : 3.5mm 32ohm
11. Measurement : 121 x 74 x 25mm
12. Weight : 135g (excluding batteries)