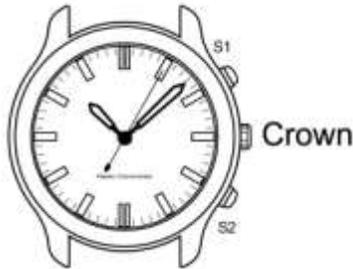


April, 2009  
IM code: RCTK-CROWN-UE-3

## **Instruction Manual for the Radio Controlled Analog Talking watch (Muti-Band)**



Your Analog Talking Watch is a Multi-Band Radio Control watch.  
It is able to pick up signal from **USA, UK, GERMANY, and JAPAN** (60Khz only).

It recalls the Atomic Clock (which measures each second of time as 9,192,631,770 vibrations of a cesium 133 atom in a vacuum) and gives time which is accurate to 1 second every million years. Your Radio Controlled Watch even accounts automatically for daylight saving time.

You can set your watch to get USA, UK , Germany, or Japan (60Khz only) signal as you wish.

### **Automatic Time Setting**

Your Analog talking radio controlled watch recalls your selected Atomic Clock signal automatically at 3:00AM every night. After reception of signal it will show the official local time on the watch. **Everything is done automatically.** However, your watch can also be manually set.

## **Button Functions:**

### **S1**

- Press S1 (2 o'clock button) to talk Hour and Minute
- Press S1 twice to talk Calendar. (There is preset a calendar talking like the RC talking clock).
- Press S1 3 times to talk reception status. If the reception was successful, the watch will say "Country name" follow by "Time Updated". If the reception was failed, the watch will say "Country name" follow by "Time Not Updated"

### **S2**

- Push S2 (4 o'clock button) once to check alarm time setting and if the alarm is set to ON or OFF (the watch says the alarm time follow by "Alarm is ON" or "Alarm is OFF")

### **Crown**

Use to reset all hands to 12:00:00 position.

When the crown is pulled out, the watch stops immediately.

## Reception Method of Radio Controlled Watches

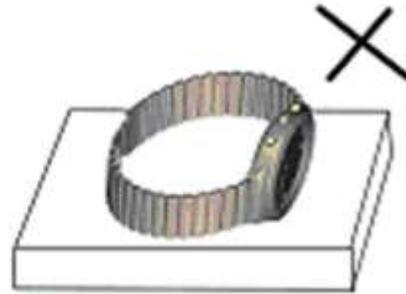
Your watch should be positioned in the following shape and put near by a window during signal reception or you would not be able to get the best reception result.

### 1. Metal Case with metal Band

- Never let the metal band touches the case-back as it will affect signal reception.
- Never put the watch by its side as it will not able to get signal on this position.



Never let the metal band touch the case back as it will effect the signal reception



Never put the watch by its side as it will not able to get signal on this position

### 2. Correct positions for signal reception

For metal case with metal band watch, the watch-band should be away from the watch case as show below (insert the match box between the case back and the metal band) or it will affect the reception.



METAL CASE & BAND



UN-FOLDABLE BAND



LEATHER BAND

## Country Signal Selection:

**You can set your watch to get either UK, Germany, USA or Japan (60Khz) signal.**

**After you change a new Country, the watch will run to the new time accordingly. Please wait while the second hand is fast running. It will resume to normal running.**

### **Select UK, Germany, USA or Japan (60Khz only) signal:**

USA user need to set your watch to one of the USA time zones as listed below.

1. Holding S2 (4 o'clock button) while the watch is in the normal running time mode for more than 5 seconds until the watch says "Set Alarm, Press S1 (2 o'clock button) to Set"
2. Push S2 (4 o'clock button) another 3 times, until the watch says "Global signal selection, only when you visit this country. Press S1 (2 o'clock button) to Set"
3. Press S1 the watch says "Press S1 (2 o'clock button) to Set, S2 (4 o'clock button) to confirm."
4. Press S1(2 o'clock button) to select either:
  - UK,
  - Germany,
  - Japan (60Khz only),
  - USA, Pacific
  - USA, Mountain,
  - USA, Central, or,
  - USA, Eastern
5. Press S2 (4 o'clock button)to confirm after a new country has been selected
6. After the confirmation, the watch will run to the local time of the country that you have selected. Wait until the watch stop fast running and resume normal running.
7. During "Summer Time" or "Daylight Saving Time" there will be one hour different after you have set the watch to a new country. This will be corrected after a local signal reception has been updated.
8. The watch will synchronize with the local atomic clock automatically in Mid-night starting from 3AM so you have to make sure that the right country has been set or the watch will not be able to pick the Local signal neither in daytime nor nighttime.

### **Manual Signal reception:**

You have to set the watch with the right country before you do the following manual signal reception.

Go to “**Country Signal Selection**” for details.

You have to put the watch on a table nearby a window when you need a manual signal reception. Please pay attention on the position of the watch. You must put the watch on the table according to position show on the picture below or the watch will not be able to pick up signal.

While the watch is in the normal running mode,

1. Holding S1 (2 o'clock button) until the second hand stops.
2. The watch takes about 5 to 14 minutes to pick up radio signal. Wait until the watch has finished the signal receiving procedure.
3. After signal reception, the watch will show the time again after the fast running of the second-hand has stopped and resume normal running.
4. Push S1 (2 o'clock button) 3 time after the watch resume normal running to check the reception status.
  - If the reception was successful, the watch says “Country name” follow by “Time Updated”
  - If the reception was failed, the watch says ”Country name” follow by “Time Not Updated”

**Set Daily Alarm:**

1. Holding S2 (4 o'clock button) while the watch is in the real time mode for more than 5 seconds until the watch says "Set Alarm, Press S1 (2 o'clock button) to Set"
2. Press S1, The watch says "Press S1 (2 o'clock button) to Set Hour, S2 (4 o'clock button) to confirm."
3. Press S1(2 o'clock button) to set alarm hour
4. Press S2 after Alarm hour is set
5. The watch says "Press S1 (2 o'clock button) to Set Minute, S2 (4 o'clock button) to confirm."
6. Press S1(2 o'clock button) to set alarm minute
7. Press S2 (4 o'clock button) to confirm and Exit after you have set the Alarm minute
8. After confirmation, the watch will tell the Alarm time (Hour and Minute) that you have been set
9. To check your alarm time setting, press S2 once while the watch is running normally.

**Remarks:**

1. The Alarm will Beep for 30 seconds, you can turn off the alarm with a push of any button
2. The Alarm is a Daily alarm, so even you turned it off the Beeping sound, the alarm will Beep on the next day again. If you want to turn off the Daily Alarm, you can follow the Alarm On/Off setting as below.
3. Every time when a Beep is off, it will speak the Alarm Time.

**Alarm ON/OFF:**

1. Holding S2 (4 o'clock button) while the watch is in the normal running mode for more than 5 seconds until the watch says "Set Alarm, Press S1 (2 o'clock button) to Set."
2. Press S2 (4 o'clock button) one more time, the watch speaks "Alarm ON/OFF, Press S1 (2 o'clock button)to set"
3. Press S1 the watch says "Press S1 (2 o'clock button) to On/Off, S2 (4 o'clock button) to confirm."
4. Press S1 (2 o'clock button)
5. Every press of S1 (2 o'clock button) switches the alarm from ON to OFF. The watch says, "Alarm On" when it is set to ON or "Alarm OFF" when it is set to OFF
6. Press S2 (4 o'clock button)to confirm and Exit

**Hourly Announcement (Chime) ON/OFF**

**(When Chime is ON, the watch announces the "HOUR" every Hour)  
(Chime is reset to OFF)**

1. Holding S2 (4 o'clock button) while the watch is in the normal running mode for more than 5 seconds until the watch says "Set Alarm, Press S1 (2 o'clock button) to Set"

2. Press S2 (4 o'clock button) 2 more time, the watch says "Chime ON/OFF, Press S1 (2 o'clock button) to set"
3. Press S1 the watch says "Press S1 (2 o'clock button) to On/Off, S2 (4 o'clock button) to confirm."
4. Press S1 (2 o'clock button)
5. Every press of S1 (2 o'clock button) switches the hourly chime alert from ON to OFF. The watch says, "Chime On" when it is set to ON or "Chime OFF" when it is set to OFF
6. Press S2 (4 o'clock button) to confirm and Exit
7. After a Chime alert is confirmed to be ON, the watch will announce "HOUR" every one hour.

### **Manual Time Setting (for Country without Time signal) :**

(You should use this function only when you travel or living in countries with no Time signal. You must set your watch to your local time when you come back from countries without radio signal or your watch will never be able to pick up signal at 3AM as there is always time different from your country with those countries.)

1. Holding S2 (4 o'clock button) while the watch is in the normal running mode for more than 5 seconds until the watch says "Set Alarm, Press S1 (2 o'clock button) to Set"
2. Press S2 (4 o'clock button) 4 more time, the watch says "Set Time, Press S1 (2 o'clock button) to Set"
3. Press S1, The watch says "Press S1 (2 o'clock button) to Set Hour, S2 (4 o'clock button) to confirm."
4. Press S1 (2 o'clock button) to set hour
5. Press S2 (4 o'clock button) to confirm after hour is set
6. The watch says "Press S1 (2 o'clock button) to Set Minute, S2 (4 o'clock button) to confirm."
7. Press S1 to set Minute
8. Press S2 (4 o'clock button) to confirm and Exit after minute is set
9. After manual hour and minute is set and confirmed, the watch says the new time setting and runs to the new time automatically. Wait until the watch stop fast running and resume to normal running.

**Your watch is not able to manual set Date, Day, Month and Year. The calendar will be updated after a signal reception is updated. (But there is a preset calendar same as the RC talking clock)**

## **TROUBLESHOOTING:**

Your watch is a very delicate and precise instrument. Although uncommon, sometimes hard knocks or vibrations can cause the hands to move irregularly, and therefore display the incorrect time, although the internal clock is keeping accurate time. You may notice this if when the time announcement does not match with the position of hands. Then you need to reset watch hands by the following procedures.

### **Reset Watch Hands**

1. Wait until the second hand just stop at 12 o'clock and pull out the middle crown (S2) immediately so that the second hand stops at 12 o'clock position.
2. Turn the crown to set Hour and Minute hands to 12 o'clock.
3. After all hands stop at 12:00:00, holding S1 for 5 seconds and then,
4. Push-in the crown
5. The watch spins to match the internal time and resume normal running when the time matching is finished. When the watch resume normal running, the watch hands match with the internal time-keeping of the watch.

### **Watch Stop at 12 o'clock and no talking function**

When battery is low, the watch hands will stop and talking function is terminated. It is time that you need to change a new battery according to the "Battery Change" procedures.

### **Watch Not Receiving Time Signal**

Reason for not being able to receive the Time Signal include:

- Being outside of the UK, Germany, USA and Japan(60Khz) signal area
- Being in a build up area
- Metal objects blocking the radio signal
- Interfere by computer monitor or TV

Ensure that the watch is left by a window, as this gives the best reception, you may have to try different windows in the house to see which is best. You can test this using reception status test described earlier. Please note that reception is always better at night. If your watch is unable to make contact with the radio signal, it will continue to function in the same way as a standard watch. The time will then be corrected the next time your watch receives the time signal.

### **Battery Lifetime and Replacement**

Request per Day	Battery Life
0	1.5 Years
5	1 Year
10	8 Months
15	6 Months
20	5 Months
25	4 Months

When battery is confirmed to be low, the watch hands runs 1 step every 2 seconds. There is no voice announcement anymore.  
It is time to change a new battery.

### After battery replacement

1. After battery replacement, the second hand starts to run when the crown is pushed-in
2. Wait until the second hand just stop at 12 o'clock and pull out the middle crown (S2) immediately so that the second hand stops at 12 o'clock position.
3. Turn the crown to set Hour and Minute hands to 12 o'clock. Now all hands are set to 12:00:00.
4. Push-in the crown. Your watch stop running after the crown is pushed in.
5. Place your watch near a window to get signal. The watch will start to update its first signal. It will continue updating signal for the coming 24 hours if the first signal reception is not successful. After receiving a valid time signal, and the hands move on to the correct time.
6. After the watch is able to set the time automatically, you need to set Time Zone according to the following instructions:
  - Set USA Time Zone if you are a USA user. Go to "Time Zone Setting" for details.
  - If you are a Japan, UK or Germany user and provided that your watch is bought locally, you do not need to set time zone on your watch as your watch has been set to your local time zone before leaving the factory.

#### Remark:

If the watch does not show you the right time after battery replacement, please reset your watch according to the "Reset the watch" as below.

**REMARK:**

1. Anytime when the crown is pulling out, the watch hands stops while the internal clock is still running. After you push-in the crown, the watch will fast spin to match the internal time automatically.
2. When the watch is fast spinning, don't pull out the crown. If the crown is pull out while the watch is fast spinning, the second hand will stop. After you push-in the crown, the watch will resume spinning to match the internal time.