

# Instruction Manual for the Reizen Talking Atomic Watch with Top Light Item #712180 (Expansion Band) or Item# 712188 (Leather Band)



Your REIZEN analog talking watch is a dual-band radio controlled watch. It is able to pick up signals in the USA (except Alaska and Hawaii), 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 automatically accounts for Daylight Savings Time.

## Automatic Time Setting

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

## Button Functions:

### S1 (2 o'clock button)

- Press S1 (2 o'clock button) for time announcement.
- Press S1 (2 o'clock button) twice for day and date announcement.
- Press S1 (2 o'clock button) 3 times to hear reception status. If reception was successful, the watch will say "Country name" followed by "Time Updated." If reception failed, the watch will say "Country Name" followed by "Time Not Updated."

### S2 (4 o'clock button)

- Press S2 (4 o'clock button) once to check alarm time setting and if the alarm is set to On or Off.

### S3 (8 o'clock button)

- Press S3 (8 o'clock button) once to turn on the Top-Light. Press S3 again to turn off the Top-Light, or you can wait 15 seconds for the Top-Light to turn off automatically.

## 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 a window during signal reception for the best reception result.

## Correct Positions for Signal Reception

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



## Special Notes on Metal Case with Metal Band

Never let the metal band touch the case back as it will affect signal reception  
Never put the watch by its side as it will not be able to get signal in this position



## Top-Light

Press S3 once to turn on the top-light for 15 seconds. Press the same button again to turn off the top-light.

## Country Signal Selection

- You can set your watch to get USA (except Alaska or Hawaii), UK, Germany, or Japan (60Khz) signal.
- After you set the watch to a new Country, the watch will automatically adjust to the correct time. Please wait while the hands adjust themselves. The watch will resume to normal operation once the time has been set.

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

USA users need to set your watch to one of the USA time zones listed below. USA users in Alaska and Hawaii will not be able to receive the atomic signal but will be able to set the watch hands manually.

To choose a country and time zone:

- Press and hold S2 (4 o'clock button) for at least 5 seconds while the watch is in normal running mode.
- Once the watch speaks, press the S2 (4 o'clock button) another 3 times, until the watch says, "Global signal selection, only when you visit these countries. Press S1 to set."
- Once you hear "Global signal selection, only when you visit these countries. Press S1 to set," press S1 (2 o'clock button).
- The watch will instruct you to press the S1 (2 o'clock button) again to select a time zone and press S2 (4 o'clock button) to confirm your selection. Press S1 (2 o'clock button) repeatedly to scroll through the Country/time zone choices. The choices are as follows:
  - o UK
  - o Germany
  - o Japan (60Khz only)
  - o USA, Pacific
  - o USA, Mountain
  - o USA, Central
  - o USA, Eastern
- Once you have selected your correct Country/time zone, press the S2 (4 o'clock button) to confirm your selection.
- After confirmation, the watch will automatically adjust to the correct time. Please wait while the hands adjust themselves. The watch will resume to normal operation once the time has been set.
- During "Summer Time" or "Daylight Savings Time" there may be a one hour difference after you have set the watch to a new country. This will be corrected after a local signal reception has been received.
- The watch will synchronize with the local atomic clock automatically overnight starting from 3AM. Please make sure the correct Country/time zone has been set or the watch will not be able to pick up the local signal.

## Manual Signal Reception

Note: The watch must be set to the right country before you do a manual signal reception. See "Country Signal Selection" section for details. After the Country/time zone is set, proceed with the following instructions.

Place the watch on a table nearby a window when you need a manual signal reception.

Please pay attention to the position of the watch. The watch must be put on the table according to the position shown in the pictures seen above in the "Correct Positions for Signal Reception" section or the watch will not be able to pick up the signal.

While the watch is in normal running mode,

- Hold S1 (2 o'clock button) down until the second hand stops, then release the S1 (2 o'clock button).
- The watch takes about 5 to 14 minutes to pick up the radio signal. Wait until the watch has finished the signal receiving procedure.
- After signal reception is complete, the watch will show the time again after the fast running of the second hand has stopped and will then resume normal mode.
- To check signal status, push S1 (2 o'clock button) 3 times after the watch resumes normal running mode. The watch will speak the following commands upon each press of the S1 (2 o'clock button):
  - o "The time is (current time)."
  - o "Today is (today's date)."
  - o "(Country) time updated" or "Country time not updated."
- If the reception was successful, the watch says "(Country) time updated," if the reception failed, the watch says "(Country) time not updated."
- If manual signal reception failed, try updating the watch in an area with less interference, such as a window far away from microwaves, routers, telephones, or outside.

Note: signal reception is usually better at night.

## Set Daily Alarm

- Hold S2 (4 o'clock button) for at least 5 seconds while the watch is in normal running mode.
- The watch will instruct you "set alarm, press S1 (2 o'clock button) to set."
- Press S1 (2 o'clock button).
- The watch will instruct you to "Press S1 (2 o'clock button) to set hour, S2 (4 o'clock button) to confirm."
- Press the S1 button (2 o'clock button) repeatedly until the watch speaks the correct hour.
- Press the S2 button (4 o'clock button) to set the hour.
- Once the hour is confirmed, the watch will instruct you to press the S1 (2 o'clock button) to set the correct minute.
- Press the S1 button (2 o'clock button) repeatedly until the watch speaks the correct minute.
- Press the S2 button (4 o'clock button) to set the minutes.
- Once the hour and minutes have been set, the watch will say, "Confirm the alarm time is (time). The alarm is on."
- To check the alarm time, press the S2 button (4 o'clock button) while the watch is in normal running mode. The watch will state the current alarm time and whether or not the alarm is on or off.

## Remarks:

- The alarm will beep for 30 seconds; you can turn off the alarm with a push of any button.
- The alarm is a daily alarm, so even if you turn off the beeping sound after the alarm goes off, the alarm will beep again the next day. To turn off the daily alarm so that it doesn't beep on future days, follow the Alarm On/Off instructions below.

## Alarm On/Off

- Hold S2 (4 o'clock button) for at least 5 seconds while the watch is in normal running mode. The watch will say, "Set Alarm, Press S1 (2 o'clock button) to set."
- Once the watch speaks, press the S2 (4 o'clock button) one time.
- You will hear the watch say, "Alarm On/Off, press S1 (2 o'clock button) to set." Press S1 (2 o'clock button).



- The watch will speak, "Press S1 (2 o'clock button) to On/Off, press S2 (4 o'clock button) to confirm."
- Each press of S1 (2 o'clock button) will toggle between "alarm on" and "alarm off." Once the watch speaks the correct option, press the S2 (4 o'clock button) to confirm.
- The watch will then confirm the alarm setting by saying either:
  - o "Confirm alarm is off"
  - o "Confirm alarm is on"

#### Hourly Announcement (Chime) On/Off

When the chime is ON, the watch will announce the "hour" every hour.

Chime is preset to OFF.

- Hold S2 (4 o'clock button) for at least 5 seconds while the watch is in normal running mode.
- Once the watch speaks, press the S2 (4 o'clock button) two times until you hear, "Chime On/Off, press S1 (2 o'clock button) to set."
- Press S1 (2 o'clock button).
- The watch will speak, "Press S1 (2 o'clock button) to On/Off, press S2 (4 o'clock button) to confirm."
- Each press of S1 (2 o'clock button) will toggle between "chime on" and "chime off." Once the watch speaks the correct option, press the S2 (4 o'clock button) to confirm.
- The watch will then confirm.

#### Manual time setting (for countries without a time signal):

You should use this function only when you travel or are 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 the radio signal at 3:00 AM.

Your watch is not able to manually set the Date, Day, Month or Year. The calendar will update after a valid signal reception is received.

#### TROUBLESHOOTING: Analog time doesn't match announced time.

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 the time announcement does not match with the position of the hands. You can reset watch hands by following these procedures:

#### Reset Watch Hands:

- Wait until the second hand reaches the 12:00 position and pull out the crown immediately so that the second hand stops at the 12:00 position.
- Turn the crown to set the hour and minute hands to the 12:00 position.
- After all hands are set to the 12:00:00 position, hold S1 for at least 5 seconds then push in the crown.
- The watch hands will spin to match the internal time and resume normal running when the time matching finishes. When the watch resumes normal running the watch hands will match with the internal time-keeping of the watch.

#### Reset the Watch

- Wait until the second hand reaches the 12:00 position and pull out the crown immediately so that the second hand stops at the 12:00 position.
- Turn the crown to set the hour and minute hands to the 12:00 position.
- Hold S2 for 15 seconds, then push in the crown. Your watch does not run after the crown is pushed in.
- Place your watch near a window to get signal. The watch will start to update its first signal. It will continue updating signals for the next 24 hours until a valid time signal is received. Once a valid time signal is received, the hands move on to the correct time.

#### Watch stops at 12 o'clock and there is no talking function

When the battery is low, the watch hands will stop and the talking function is terminated. The battery should be replaced according to the "After Battery Replacement" procedures.

#### Watch is not receiving time signal

Reasons for not being able to receive the time signal include:

- Being outside of the UK, Germany, USA (excluding Alaska and Hawaii), and Japan (60Khz) signal areas.
- Being in a built-up area.
- Metal objects blocking signal reception.
- Interference from computer monitors, TVs, or other household appliances.

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 the 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

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

#### Battery Change

When battery is confirmed to be low, the watch hands run 1 step every 2 seconds and there will be no voice announcement anymore. The battery should be replaced.

This watch uses a CR2025 type battery; trained jewelers or watch specialists should fit new batteries to avoid any damage to the watch.

- Pull the crown out, stopping the watch from running.
- Open the watch back very carefully. Carefully remove the bottom, making sure you do not lose the waterproof seal.
- Pick up the battery spring carefully.
- Take out the battery and insert a new one (the polarity "+" up).
- Push the battery spring down.
- Put the waterproof seal back in place.
- Put the back of the case back on the watch.

#### After Battery Replacement

- After battery replacement, the second hand starts to spin when the crown is pushed in.
- Wait until the second hand reaches the 12 o'clock position and pull out the crown immediately so that the second hand stops at the 12 o'clock position.
- Turn the crown to set the Hour and Minute hands to 12 o'clock.
- All hands should now be set to 12:00:00
- Push in the crown. Your watch stops running after the crown is pushed in.
- Place your watch near a window to get the signal. The watch will start to update its first signal. It will continue updating signals for the next 24 hours until a valid time signal is received. Once a valid time signal is received, the hands move on to the correct time.
- After the watch is able to set the time automatically, you need to set your time zone according to the following instructions:
  - o Set USA time zone if you are a USA user. See the "Select USA, UK, Germany, or Japan (60Khz only) Signal" section for detailed instructions.
  - o If you are a Japan (60Khz only), UK, or Germany user and purchased your watch locally, you do not need to set the time zone on your watch as your watch has been set to your local time zone before leaving the factory.

Note: If the watch does not show the right time after battery replacement, please reset your watch according to the "Reset the Watch" section.

#### Remark:

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

#### Button Functions:

Button	Watch Function or Watch Speaks
S1 (2 o'clock button) 1 time	Watch will announce the current time
S1 (2 o'clock button) 2 times	Watch will announce the current day and date
S1 (2 o'clock button) 3 times	Watch will announce the reception status. If reception was successful, the watch will say "Country name" followed by "Time Updated." If reception failed, the watch will say "Country Name" followed by "Time Not Updated."
S2 (4 o'clock button) 1 time	Watch will announce alarm time setting and if the alarm is set to On or Off.
S2 (4 o'clock button) Hold for at least 5 seconds.	The watch will say "Set alarm, press S1 to set."
Press S2 1 time after holding	The watch will say "Alarm on/off, press S1 to set."
Press S2 2 times after holding	The watch will say "Chime on/off, press S1 to set."
Press S2 3 times after holding	The watch will say "Global signal selection, only when you visit these countries. Press S1 to set."
S1 (2 o'clock button) within any setting.	Watch will tell you the options available under that setting (i.e.: turn alarm on/off, turn chime on/off, etc.)
S2 (4 o'clock button) within any setting.	Confirms the setting that you have chosen (i.e. will confirm alarm on, will confirm chime off, etc.)
S3 (8 o'clock button) 1 time	Turns on the Top-Light (Top-Light will turn off automatically within 15 seconds).
S3 (8 o'clock button) 2 times	Turns off the Top-Light if within 15 seconds

#### Manufacturer's Limited Warranty

Reizen guarantees the radio controlled talking watch to be free of any manufacturer's defect for a period of one year from the date of purchase. We will fix or replace (at our discretion) your defective radio controlled talking watch at no charge to you.

Customer abuse, neglect, or any attempt to open and repair the watch voids this warranty. For warranty service, please return the watch to the address below, postage paid with your original receipt. Include a payment of \$5.50 to cover the return shipping. All returned watches are subject to evaluation and approval.

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