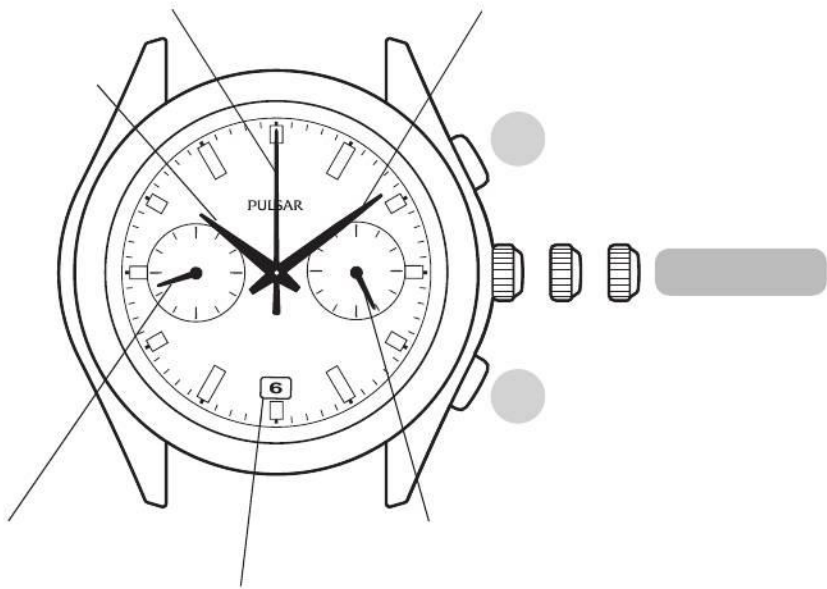


PULSAR

CAL. VD31 ANALOGUE QUARTZ

- Hour, minute, second and 24-hour hands
- Dual time display by dual time hour hand
- Date displayed in numerals

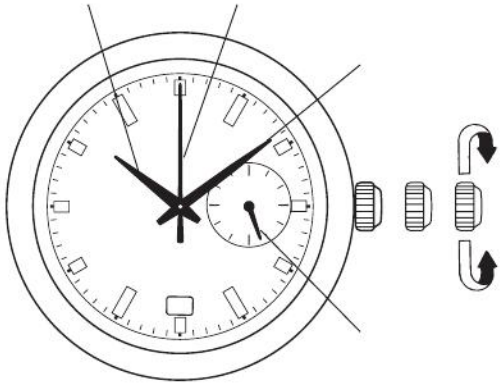
ENGLISH





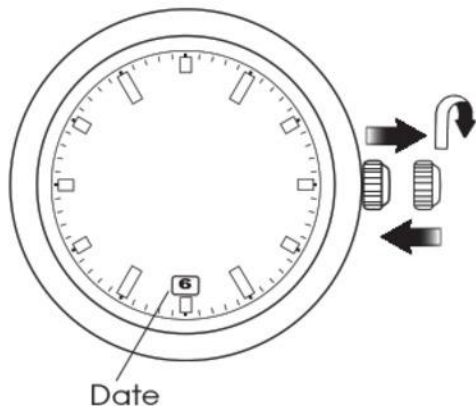
English

English



SETTING THE DATE

- Before setting the date, be sure to set the time.



CROWN

- 1 Pull out to first click.
- 2 Turn clockwise until the desired date appears.
- 3 Push back in to normal position.

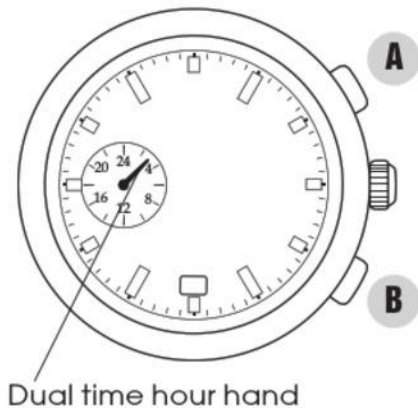
- *It is necessary to adjust the date on the first day after a 30-day month and February.*
- *Do not set the date between 9:00 p.m. and 1:00 a.m., as the date may not change properly. If it is necessary to set the date during that period of time, first change the time to any time outside of this period, set the date, and then reset to the correct time.*

DUAL TIME FUNCTION

- While staying in a place in a different time zone from where you usually use this watch, you can set the dual time hour hand to indicate the local time of the place where you are staying.

<Quick setting of the dual time hour hand>

English



CROWN

Keep at the normal position.

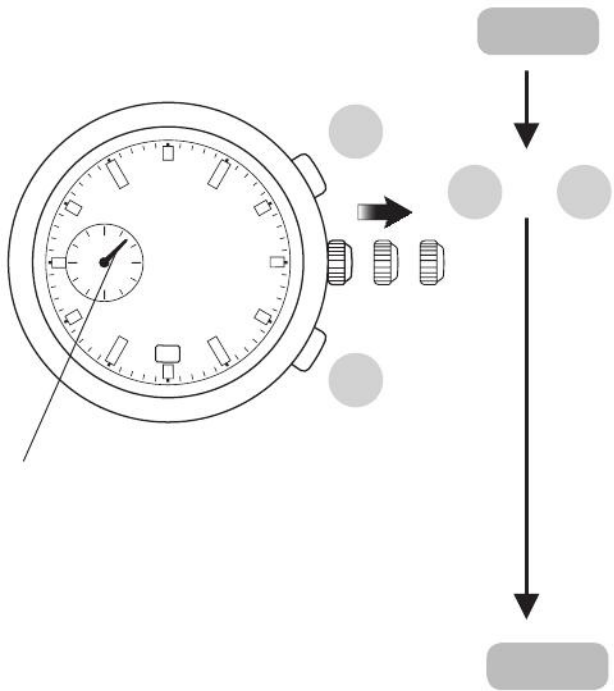


A or **B**

Press to set the dual time hour hand to indicate the local time of the place where you are staying.

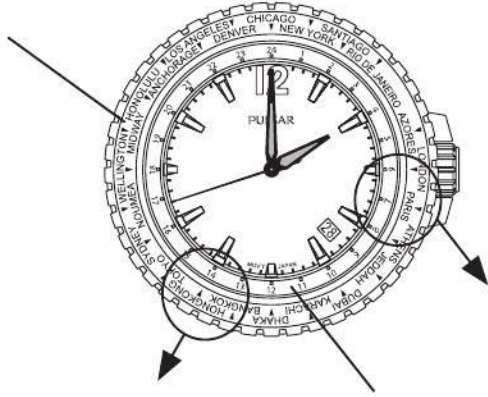
Each time the button A is pressed, the dual time hour hand turns counter-clockwise in one-hour increments.

Each time the button B is pressed, the dual time hour hand turns clockwise one-hour increments.



English

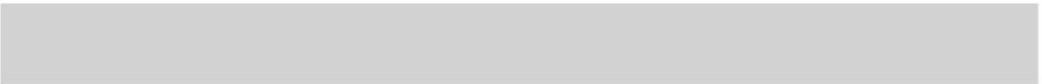
English



English



English



GMT± (hours)	Names of the cities	Other cities
-11	MIDWAY (MDY)	Samoa
-10	HONOLULU (HNL)	
-9	ANCHORAGE (ANC)	
-8	LOS ANGELES (LAX)	Vancouver
-7	DENVER (DEN)	
-6	CHICAGO (CHI)	Mexico City
-5	NEW YORK (NYC)	Montreal, Boston
-4	SANTO DOMINGO (SDQ)	
-3	RIO DE JANEIRO (RIO)	Buenos Aires
-2	S. GEORGIA	
-1	AZORES	

- *In some countries, the daylight saving time may be in effect. The time difference and daylight saving time of various countries are subject to change, according to the governments of respective countries or regions.*
- *Major cities in the various countries of the world are described as the names of cities. Please understand that some specifications of our products are subject to change for product improvements.*

BATTERY CHANGE

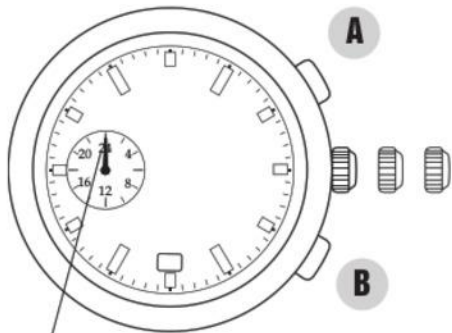
2
Years

Battery life : Approx. 2 years
Battery : SEIKO SR920SW

- *As the battery is inserted at the factory to check the function and performance of the watch, its actual life once in your possession may be less than the specified period.*
- *When the battery expires, be sure to replace it as soon as possible to prevent any malfunction.*
- *We recommend that you contact an AUTHORIZED PULSAR DEALER for battery replacement.*

● Necessary procedure after battery change

After setting or changing the battery, before setting the time, make sure that the dual time hour hand is at the 24 o'clock position. If it is not at the 24 o'clock position, follow the procedures below to set it to the 24 o'clock position.



Dual time hour hand

- The hand moves quickly if the button is kept pressed.

CROWN

Pull out to second click.

A and B

Press and hold simultaneously for 2 seconds or longer.

The dual time hour hand starts to move and returns to where it was.

A or B

Press repeatedly to set the dual time hour hand to the 24 o'clock position.

When the button A is pressed, the dual time hour hand turns counter-clockwise.

When the button B is pressed, the dual time hour hand turns clockwise.

CROWN

Push back in to normal position.

**WARNING**

- Do not remove the battery from the watch.
- If it is necessary to take out the battery, keep it out of the reach of children. If a child swallows it, consult a doctor immediately.
- Never short-circuit, tamper with or heat the battery, and never expose it to fire. The battery may burst, become very hot or catch fire.

**CAUTION**

- The battery is not rechargeable. Never attempt to recharge it, as this may cause battery leakage or damage to the battery.

TO PRESERVE THE QUALITY OF YOUR WATCH

WATER RESISTANCE

● Non-water resistant



If "WATER RESISTANT" is not inscribed on the case back, your watch is not water resistant, and care should be taken not to get it wet as water may damage the movement. If the watch becomes wet, we suggest that you have it checked by an AUTHORIZED PULSAR DEALER or SERVICE CENTER.

● Water resistance (3 bar)



If "WATER RESISTANT" is inscribed on the case back, your watch is designed and manufactured to withstand up to 3 bar, such as accidental contact with splashes of water or rain, but it is not designed for swimming or diving.

● Water resistance (5 bar)*



If "WATER RESISTANT 5 BAR" is inscribed on the case back, your watch is designed and manufactured to withstand up to 5 bar and is suitable for swimming, yachting and taking a shower.

● Water resistance (10 bar/15 bar/20 bar)*



If "WATER RESISTANT 10 BAR", "WATER RESISTANT 15 BAR" or "WATER RESISTANT 20 BAR" is inscribed on the case back, your watch is designed and manufactured to withstand up to 10 bar/15 bar/20 bar and is suitable for taking a bath, shallow diving, but not for scuba diving. We recommend that you wear a PULSAR Diver's watch for scuba diving.

English

