



Watches with quartz movements

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WATER RESISTANCE

The level of water resistance of your watch is directly related to the security of the screw-in back cover, which is factory sealed:

- Water resistant 5 ATM you can water your garden and wash your car with water coming out of a hose.
- Water resistant 10 ATM (or 100 meters) you can swim and dive (but not from a tower) and swim under water but not scuba dive.
- Water resistant 20 ATM (or 200 meters) or Water resistant 30 ATM (or 300 meters) you can swim under water with scuba equipment.

Water resistant watches of 5 or more atmospheres are. as a rule, equipped with screw-in watch crowns. To settle hands, wind up the watch or change the calendar setting you should unscrew the crown.

Caution: Do not manipulate the watch crown and pushers underwater and even in conditions of high level of humidity.

Recommendation: please have the water resistance of your watch tested once every two years at your service-centre.

Attention: There is some humidity inside the watch thus when the outside temperature is lower than inside the watch, the inside of the glass may fog up temporarily. This is not a failure. But if it keeps fogging and doesn't clean up or water gets inside the watch, repair is required.

Watches with OS22, 6S30, 6S21 and 6S11 movements

(Produced by Citizen Watch Co., Japan)

Chronograph Function:

Timing: up to 59 minutes 59 seconds. 1/20 sec chronograph (OS22 ant 6S30 movements). Battery: SR927W.

Displays and buttons of OS22 (Pic.1), **6S30** (Pic. 2), **6S21** (Pic. 3), **6S11** (Pic. 4) movements:

- 1. Second hand of the chronograph.
- 2. Minute hand.
- 3. Hour hand.
- 4. Minute hand of the chronograph.
- 5. Calendar window.
- 6. Second hand.
- 7. 1/20 sec chronograph hand.
- 8. 24 hour hand.



Setting the time

- 1. Pull the crown out to the 2nd position so that the second hand stops at ZERO position.
- 2. Turn the crown to set hour and minute hands.
- 3. When the crown is pushed back to the normal position in synchronization with $\,\alpha$ time signal, small second hand begins to run.

Setting the date

- 1. Pull the crown out to the 1st Click Position.
- 2. Turn the crown anticlockwise to set the date.

Caution: If the date is set between the hours of around 9:00 PM and 1:00 AM, the date may not change on the following day.

3. After the date has been set, push the crown back to the normal position.



Using the chronograph

This chronograph is able to measure and display time in 1/20 second united up to maximum of 59 min 59 sec. The 1/20 second chronograph hand keeps moving continuously for 60 seconds (for OS22) or for 30 seconds (for 6S30) after starting and then stops at ZERO position. NOTE: The 1/20 hand is absent in 6S21 and 6S11 movements.

Measuring time with the chronograph:

- 1. Press button **B** to change the watch to the chronograph mode. The second hand resets and stops at the ZERO second position.
- 2. The chronograph can be started and stopped each time button **A** is pressed. The chronograph 1/20 second hand stops at the ZERO second position after 60 seconds (for OS22) or after 30 seconds (for 6S30) after starting.



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When button $\bf A$ is pressed to stop the chronograph, the chronograph 1/20 second hand advances rapidly to display the measured time.

3. Pressing button **B** resets the chronograph and all hands return to their ZERO positions.

 * Moving of the 1/20 sec chronograph hand is a demo only. Actual 1/20 measurement will be shown when the STOP button is pushed.

NOTE: The 1/20 hand is absent in 6S21 and 6S11 movements.

Chronograph reset (incl. after replacing battery)
This procedure should be performed when the chronograph second hand and chronograph 1/20(1/1) second hand does not return to the ZERO second position after the chronograph has been reset, and including after the battery has been replaced.

1. Pull the crown out to the 2nd Click Position.

2. Press button **A** to set the chronograph second hand to the ZERO position.



3. Press button **B** to set the chronograph 1/20 second hand to ZERO position.

The chronograph hands can be advanced rapidly by continuously pressing button **A** or **B**.

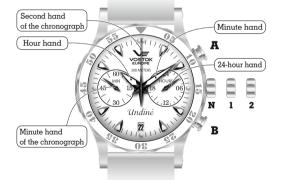
- 4. Once the hands have been zeroed, reset the time and return the crown to its normal position.
- 5. Press button ${\bf B}$ to check that the chronograph hands are reset to the ZERO position.

Caution: Do not return crown to the normal position while chronograph second hand and 1/20 chronograph second hand return to ZERO position. Each hands stop on the way when crown are returned to normal position and these positions are recognized as ZERO position.

NOTE: The 1/20 hand is absent in 6S21 and 6S11 movements.

Watches with VK64 quartz movement (Produced by SII, Japan)

- Chronograph Function up to 60 minutes.
- Battery SR936SW (Silver oxide battery). It is not necessary to set the chronograph hands after the battery is exchanged.



How to set the time

- 1. Pull out the crown to the second click position 2.
- 2. Turn the crown to set hour and minute hands (Check that AM/PM is set correctly).
- 3. Push the crown back into the normal position ${\bf N}$.

How to set the date

- 1. Pull out the crown to the first click position 1.
- 2. Turn the crown clockwise for date setting.
- 3. Push the crown back into the normal position N.
- Do not set the date between 9:00 PM and 3:00 AM as this will cause a malfunction.

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Measuring time with the chronograph

- Button **A** starts and stops the chronograph. The chronograph hands indicates the elapsed time. The chronograph stops after a measurement for 60 minutes.
- Button **B** resets the chronograph. Button **B** can be pushed even diring the chronograph operation there is no problem with the function.

Watches with YM26 movement (Produced by S. EPSON, Japan)

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- First time zone indication by central hour and minute hands and by second hand at the sub-dial.
- Date indication in calendar window.

• World Timer

Indication of time in any time zone at the Local Time sub-dial in 24-hour format.

The World Timer indicates time in the city pointed by city hand on the inner ring.

• The Alarm Time

The sound alarm can be set once at a designated time within next 12 hours.

• Battery Life Indicator.

1. SET TIME AND DATE

- Pull out the crown to the 1st click position.
- Turn the crown clockwise until the previous day's date appears in the date window.

Note: Do not set the date between 9:00 PM and 1:00 AM. Otherwise, the date may not change properly.

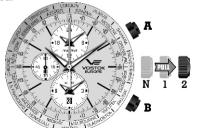
• Pull out the crown to the **2**nd click position when the small second hand is at the 60 seconds position.

Note: If the crown is pulled out to the **2**nd click position while the Alarm is set, the Alarm hands will turn to indicate the current time.

- ullet Turn the crown clockwise to move the hour and minute hands till the date will be changed to the current date. Continue turning the crown and set the time few minutes ahead. Be sure that the time is set in AM/PM correctly.
- Push the crown back to **N** position when current time will be the same as on the dial

2. SET ALARM HANDS

- Pull out the crown to the 2nd click position.
- Press the button **B** repeatedly to set the Alarm hands to the same time as indicated by the main hour and minute hands. The Alarm hands move quickly if the button **B** is kept pressed.



3. SETTING THE CITY HAND

(crown remains in the 2nd click position)

• To enter to the City hand adjustment mode, press button **A** for 2 seconds. The City hand turns a full round.

• To set the City hand to the desired city for which you know the current time, press the button **B** and move the hand to the necessary position. The City hand moves quickly if the button **B** is kept pressed.



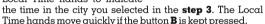
Recommendation:

We recommend to set the City hand to the city that belongs to the same time zone as your home city (local time).

4. LOCAL TIME HANDS SETTING

(crown remains in the 2nd click position)

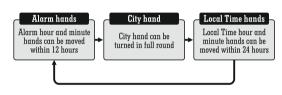
- To enter to the Local Time hands adjustment mode press the button A for 2 seconds. The Local Time hour and minute hands turn a full round.
- Press the button B to set the Local Time hands to indicate



The Local Time hour hand makes one full rotation every 24 hours.

• Push the crown back to the normal position.

The Alarm hands, City hand and Local Time hands can be adjusted in the below order when the button A is pressed for 2 seconds.



HOW TO SET THE ALARM

Before using the Alarm, ensure that the Alarm hands are adjusted to indicate the current time. If the Alarm hands are not adjusted to the current time, follow the procedure in "Initial settings".

- The Alarm can be set to ring only once at a designated time within the next 12 hours.
- The Alarm time can be set in one-minute increments.
- Pull out the crown to the 1st click position.
- Press the button **B** repeatedly to set the Alarm hands to the desired alarm time. The Alarm hands move quickly if the button **B** is kept pressed.

When the Alarm hands pass over the current time while you keep the button **B** pressed, they will stop moving and the Alarm will be disengaged. In that case, release the button **B** and then again press and hold the button to set the Alarm hands to the desired time.

• Push the crown back to the normal position. The Alarm is automatically engaged.

While the crown is at the normal position, the Alarm hands indicate the current time when the Alarm is disengaged, and the designated alarm time when the Alarm is engaged.

HOW TO PREVIEW THE ALARM SOUND

- Pull the crown out to the 1st click position.
- Press and hold the button **A** for longer than 2 seconds. The Alarm sound can be heard while the button is kept pressed.
- Push the crown back to the normal position.

HOW TO STOP THE ALARM

At the designated time the Alarm rings for 20 seconds, and it is automatically disengaged as it stops.

• To stop it manually while the Alarm is ringing, press any button. It will only stop the Alarm, and no World Time opration can be made.

HOW TO CANCEL THE ALARM

- Pull the crown out to the 1st click position.
- Press and hold the button **B** until the Alarm hands stop and indicate the current time.
- Push the crown back to the normal position.

HOW TO USE THE WORLD TIME FUNCTION

Before using the World Time function, ensure that the positions of the city hand and the local time hour and minute hands are adjusted.

- World Timer indicates time in any time zone at the Local Time sub-dial (at 12 H position) in the 24-hour format.
- The Local Time sub-dial shows time in the city pointed by city hand at the inner ring.
- In order to select city whose time you wish to know, press the button **A** or **B** and move City hand to that city on the inner ring.

Note: When the city to which the City hand points on the inner ring is observing daylight saving time, select the city that is adjacent clockwise to compensate for the one-hour time difference.

BATTERY LIFE INDICATOR

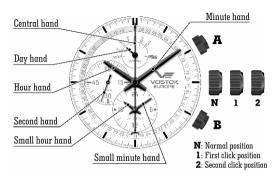
- The movement has SR927W battery.
- Battery life approximately 3 years.
- When the battery nears its end, the small second hand moves at two-second intervals instead of the normal one-second intervals. When this happens, have the battery replaced with a new one as soon as possible.

In this case, the alarm will not ring even if it is engaged.

The watch remains accurate even if the small second hand is moving at two-second intervals.

Watches with YM86 movement (Produced by S. EPSON, Japan)

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- Perpetual calendar. Days, month and years are indicated by calendar pointer of the central hand; days of the week indicates by small hand on the upper sub-dial.
- 24-hours Alarm indicated by small hour and minute hands on the lower sub-dial.
- 24-hours Chronograph. Seconds indicates by chrono pointer of the central hand, minutes and hours - by small hands on the lower sub-dial.

After battery replacement, or if small hands on the upper or lower subdials are not in correct positions, follow the procedures below to set them.

- Pull out the crown to the 2nd click position.
- Press the button A for 5 seconds. The small watch hands turn full round and now can be set to the correct position. Press the button **B** repeatedly to set both small hands to 24 hour position. The hands move quickly if the button B is kept pressed.
- To set the central hand, press the button A. The hand turns full round and can be set now to the correct position. Press the button **B** repeatedly to set the chrono pointer of the central hand to 12 hour position.
- To set the day hand, press the button A. The hand turns full round and now can be set to the correct position. Press the button **B** repeatedly to set it to the "MON" position.
- Push the crown back to the **N** position.

HOW TO SET TIME

- Pull out the crown to the 2nd click position when the second hand is at the 60 seconds position.
- Turn the crown to set the hour and minute hands. When setting the minute hand, advance it 4 to 5 minutes ahead of the desired time and then turn it back to the exact time.
- Press the button **B** repeatedly to set the small watch hour and minute hands. The hands move quickly if the button B is kept pressed.
- Push the crown back to **N** position when current time will be the same as on the dial.

- Pull the crown out to the 1st click position.
- Press the button $\bf A$ for 5 seconds. The central hand turns a full round and can be set now to the correct position. Press the button $\bf B$ repeatedly to set the date by calendar pointer. The hands move quickly if the button $\bf B$ is kept pressed.
- To set the day of the week, press the button **A**. The day hand turns and can be set now to the correct position. Press the button **B** repeatedly to set the day.
- To set the month, press the button **A**. The calendar pointer of the central hand turns to the month sector and can be set now to the correct position. Press the button **B** repeatedly to set the month.
- To set the leap year or years after leap year, press the button **A**. The calendar pointer turns to the leap year sector and can be set now to the correct position. Press the button **B** repeatedly to set the year.
- Push the crown back to the **N** position.

HOW TO USE PERPETUAL CALENDAR

The calendar pointer of the central hand indicates the date, month and leap year. Change the mode by pressing the button **A**. After indicating the month and year, if the button is not touched within 10 seconds, the calendar pointer of the central hand automatically returns to indicate the date.



There is no need to adjust the date at the end of the month up to February 28, 2100.

HOW TO SET THE ALARM

Before using the alarm, ensure that the alarm hands are adjusted to indicate the current time. If the alarm hands are not adjusted to the current time, follow the procedure in "Synchronizing the hands".

The alarm can be set to ring only once at a designated time within the next 24 hours. The alarm time can be set in one-minute increments.

- Pull out the crown to the 1st click position.
- Press the button **B** repeatedly to set the alarm hands to the desired alarm time. The alarm hands move quickly if the button **B** is kept pressed.
- Push the crown back to the normal position. The alarm is automatically engaged.



Alarm hour & minute hands

HOW TO STOP THE ALARM

At the designated time the Alarm rings for 20 seconds, and it is automatically disengaged as it stops.

• To stop it manually, press any button.

HOW TO CANCEL THE ALARM

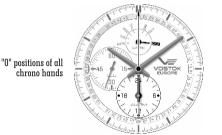
- Press the button **B** until the Alarm hands stop and indicate the current time.
- When the mode is changed to stopwatch, the single-time alarm is reset.

HOW TO PREVIEW THE ALARM SOUND

• Press and hold the button **A** for longer than 2 seconds. The alarm sound can be heard while the button is kept pressed.

HOW TO USE STOPWATCH FUNCTION

• Press the button **B** to change the watch to the chronograph mode. The day hand indicates chronograph mode. If the stopwatch hands do not reset to the "0" position, follow the procedure in "Synchronizing the hands".



• To start/stop the chrono push the button A. Restart and stop of the stopwatch can be repeated by pressing the button A.

- To reset the chrono push the button **B** when chrono stopped.
- To read a split time in chrono run mode push the button **B**. Measurement and release of split time can be repeated by pressing the button B.

The stopwatch can measure up 23:59'59"95 in 1/5 second increments.

When the measurement reaches 24 hours, the stopwatch automatically stops counting.



Chronograph hour & minute hands

BATTERY LIFE INDICATOR

- The movement has SR927SW battery.
- Battery life approximately 5 years.
- When the battery nears its end, the small second hand moves at two-second intervals instead of the normal onesecond intervals. When this happens, have the battery replaced with a new one as soon as possible.

In this case, the alarm will not ring even if it is engaged.

The watch remains accurate even if the small second hand is moving at two-second intervals.

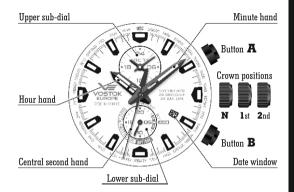
SYSTEM RESET

When an abnormal display appears, reset the built-in integrated circuit.

- Pull the crown out to the 2nd click position.
- ullet Press the buttons $oldsymbol{A}$ and $oldsymbol{B}$ at the same time for longer than 2 seconds.
- Push the crown back to the normal position.

Watches with YM8J (Produced by S. EPSON, Japan) VI

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If your watch has a screwed-in crown, it should be unscrewed \P) before operate with crown and screw up \P) after.

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- 24-hours Alarm indicated on the upper sub-dial.
- 24-hours Chronograph in 1/20 second increments. Seconds indicates by central second hand, minutes and hours on the upper sub-dial. 1/20 seconds indicates on the lower sub-dial.
- 24-hours Countdown timer. Seconds indicates by central second hand, minutes and hours on the upper sub-dial. All timer hands turns counterclockwise.
- Day of the Week indicates on the lower sub-dial.

Before using the watch functions, ensure that all hands are in correct positions. See Page 14

HOW TO SET TIME & DATE

- Pull out the crown to the 1st click position.
 - Turn the crown clockwise until the previous day's date appears in the date window.

Note: Do not set the date between 9:00 PM and 1:00 AM. Otherwise, the date may not change properly.

- Pull out the crown to the **2**nd click position. The central second hand turns round and stop in 12H position.
- Turn the crown clockwise to move the hour and minute hands till the date will be changed to the current date. Continue turning the crown and set the time few minutes ahead. Be sure that the time is set in AM/PM correctly.
- ullet Press the button $oldsymbol{B}$ repeatedly to set the day of the week.
- Push the crown back to **N** position when current time will be the same as on the dial.

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hours.

HOW TO USE THE ALARM

The alarm can be set to sound at a designated time of selected city (time zone) every 24

- Press the button **B** repeatedly to set the lower sub-dial hand to **ALARM** ON/OFF sector.
- Press the button **A** to set the alarm sound **ON** or **OFF**.
- To set the alarm city and time, pull out the crown to the 1st click position.
- Button **A** set the alarm city.
- Button **B** set the alarm time on the upper sub-dial.

HOW TO USE CHRONOGRAPH FUNCTION

- Press the button **B** repeatedly to set the lower sub-dial hand to the **CHR** position.
- To start/stop the chrono push the button A.
- To resume the chrono press the button **A** again.
- To read a split time in chrono run mode push the button **B**. Measurement and release of split time can be repeated by pressing the button **B**.
- To reset the chrono push the button **B** when chrono stopped.

When the measurement reaches 24 hours, the stopwatch automatically stops counting.



HOW TO USE COUNTDOWN TIMER

The countdown timer can be set within 24 hours with beep sound. Timer hands turns counterclockwise. It is necessary to set the time before use.

- Press the button **B** repeatedly to set the lower sub-dial hand to the CDT position.
- To set the time, pull out the crown to the 1st click position.
 - Button A set the time counterclockwise.
 - Button B set the time clockwise.
- Push the crown back to the N position.
- To start/stop the countdown timer push the button A.
- To resume the timer press the button **A** again.
- To reset the countdown timer push the button **B** when timer stopped.

The beep sound can be stopped by pressing any button.

THE WORLD TIME FUNCTION - INITIAL SET

World timer indicates time in any time zone at the upper sub-dial in the 24-hour format. The world time sub-dial shows time in the city pointed by the central second hand.

- To set the home time, pull out the crown to the 1st click position.
- Press the button A to select home city by the central second hand.
- Press the button B repeatedly to set the home time at upper sub-dial (the same time, which shows the central minute and hour hands).
- Push the crown back to the N position.



- To use the world time function, press the button A more than 0.5 second. The central second hand show the current selected city.
- Press button **A** repeatedly to select city whose time you wish to know.
- · After 3 seconds without button press it turns to second hand display.

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Praia -1 Fernando de Noronha (FEN) -2 Rio de Janeiro (RIO) -3 Santiago -4 New York (NYC) -5 Chicago -6 Denver -7	Paris Athens Jeddah Tehran Dubai	1 00 +1 +2 +3 +3.5 +4.5
os Angels (LAX) 8 nchorage (ANC) 9 onolulu 10 ago Pago (PPG) 11	Delhi Dhaka Yangor	i+5.5 +6.5 +6.5
		ok+7 long (HKG)+8

IITC / CMT*

*UTC/GMT

Coordinated Universal Time is the basis for local times worldwide.

Autens +2	
Jeddah+3	
Tehran+3.5	
Dubai +4	
Kαbul+4.5	
Karachi+5	
Delhi+5.5	
Dhaka +6	
Yangon+6.5	
Bangkok+7	
Hong Kong (HKG) +8	
Tokyo+9	
Adelaide +9.5	
Sydney +10	
Adelaide summer time (\bullet) + 10.5	
Noumea (NOU)+11	

Noumea (NOU)..... +

Wellington (WLG) +12

BATTERY LIFE INDICATOR

- The movement has SR927W battery.
- Battery life approximately 2 years (60 minutes chronograph, 60 minutes timer and 20 seconds alarm operation per day).
- When the battery nears its end, the central second hand moves at two-second intervals instead of the normal onesecond intervals. When this happens, have the battery replaced with a new one as soon as possible.

In this case, the alarm will not ring even if it is engaged.

The watch remains accurate even if the central second hand is moving at two-second intervals.

SYNCHRONIZING THE HANDS



After battery replacement, or if small hands on the upper or lower subdials are not in correct positions, follow the procedures below to set them.

- Pull out the crown to the 2nd click position.
- Press the button **A** for 5 seconds. The small watch hands turn full round and now can be set to the correct position.

Press the button **B** repeatedly to set both small hands to 24 hour position. The hands move quickly if the button B is kept pressed.

- To set the central second hand, press the button A. The hand turns full round and can be set now to the correct position. Press the button **B** repeatedly to set the second hand to 12 hour position.
- To set the lower sub-dial hand, press the button A. The hand turns full round and now can be set to the correct position. Press the button B repeatedly to set it to the CHR position.
- Push the crown back to the **N** position.

WARRANTY

The manufacturer warranty period is valid for 24 months from the purchase date. In each country of sale the legal, country-specific guarantee conditions apply. The customer shall not have any claim under this warranty if: the watch does not have this User's Manual: the watch has been repaired by unauthorized service centre or person; the watch is not used in accordance with the instructions supplied in this User's Manual.

The Warranty does not cover the watch-case, crystal, band, bracelet and packing. If hidden faults are detected during the warranty period, the watch can be repaired at the warranty watch service shop marked by your local distributor.

The right for warranty service is provided by the guarantee certificate attached to the given passport-booklet of your watch.

The claims on watch replacement or repayment are satisfied upon submission of the certificate from the quarantee service.

NOTES

NICTEC

NOTES INTERNATIONAL GUARANTEE AGENCY

Production Number (Model Number)	Repair Coupon Nr.	Repair Coupon Nr.
Date of Purchase	Model Nr Date	Model Nr Date
(Store's stamp)	Signature	Repair Coupon Nr.
Seller (Name)	Model Nr. Date	Model Nr. Date
(Signature)	Signature	Signature

