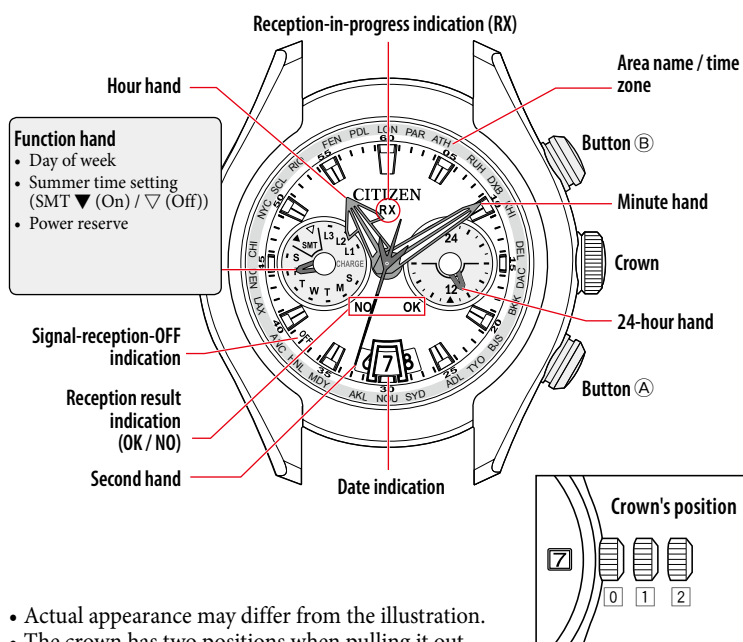


- This watch is solar-powered. Expose the dial to light and use it sufficiently charged.
- To see details of charging time, specifications, and operations, refer to the instruction manual:  H909 instruction manual

Component identification

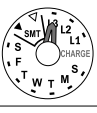
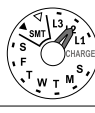
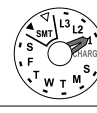
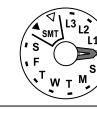


- Actual appearance may differ from the illustration.
- The crown has two positions when pulling it out.

Checking the power reserve

1. Push the crown in to position 0.
2. Press and release the lower right button (A).

The function hand indicates the power reserve amount.

Level	3	2	1	0
Indication				
Duration (approx.)	2 - 1 year	1 year - 16 days	16 - 10 days	10 days or shorter
Meaning	Power reserve is sufficient.	Power reserve is OK.	Power reserve is getting low.	Insufficient charge warning has started.
	OK for normal use		Charge immediately	

3. Press and release the lower right button (A) to finish the procedure.

Checking the reception result of the satellite signal

1. Push the crown in to position 0.
2. Press and release the lower right button (A).

The tail of the second hand indicates the result of the last reception.

Indication	Reception result
OK	The reception was successful.
NO	The reception failed.

- When the signal reception has been set to OFF following **Turning off the signal reception (reception OFF)**, the head of the second hand points the signal-reception-OFF indication.

3. Press and release the lower right button (A) to finish the procedure.

Setting the world time

Checking the world time

1. Push the crown in to position 0.
 2. Press and release the upper right button (B).
- The second hand moves to point the area currently set.
3. Press and release the upper right button (B) to finish the procedure.

- It returns to current time indication automatically in about 10 seconds without pressing the button.

Setting the world time

Select an area from 26 worldwide areas to indicate its time.

1. Pull the crown out to position 1.

The second hand indicates the current world time setting and the function hand indicates the summer time information.

2. Rotate the crown to select an area.

3. Push the crown in to position 0 to finish the procedure.

Table of time zones and representative areas

- The time zone in the table is based on UTC (Coordinated Universal Time).
- Countries or regions may change time zones for various reasons.
- When setting the world time to the summer time while the area selected is in the summer time period, select an area and then set the summer time.

Time zone	Second hand	Area name / time zone	Representative area
0	0	LON	London
+1	2	PAR	Paris
+2	4	ATH	Athens
+3	7	RUH	Riyadh
+4	9	DXB	Dubai
+5	11	KHI	Karachi
+5.5	14	DEL	Delhi
+6	16	DAC	Dhaka
+7	18	BKK	Bangkok
+8	21	BJS (HKG)	Beijing / Hong Kong
+9	23	TYO	Tokyo
+9.5	25	ADL	Adelaide
+10	28	SYD	Sydney
+11	30	NOU	Noumea
+12	32	AKL	Auckland
-11	35	MDY	Midway
-10	37	HNL	Honolulu
-9	39	ANC	Anchorage
-8	42	LAX	Los Angeles
-7	44	DEN	Denver
-6	46	CHI	Chicago
-5	49	NYC	New York
-4	51	SCL	Santiago
-3	53	RIO	Rio de Janeiro
-2	56	FEN	Fernando de Noronha
-1	58	PDL	Azores

Receiving the satellite time signal

- Outdoor signal reception is recommended for receiving satellite time signal.
- Location information cannot be acquired.
- When the signal reception has been set to OFF following **Turning off the signal reception (reception OFF)**, no signals are received (the head of the second hand points "OFF").

Manual reception 1

- It may take 4 - 20 seconds to receive time information.

1. Push the crown in to position 0.

2. Press and hold the lower right button (A) until the tail of the second hand points "RX" (about 2 seconds).

- After finishing the reception, the second hand indicates the reception result and returns to indicate the seconds.

Manual reception 2

- Use this method when the leap second has been updated or when all reset has been performed.
- It may take 21 seconds - 13 minutes to receive time information.

1. Push the crown in to position 0.

2. Press and hold the lower right button (A) for 7 seconds or more.

Release the button after the tail of the second hand points "RX" and turns fully around to point "RX" again.

Reception starts.

- After finishing the reception, the second hand indicates the reception result and returns to indicate the seconds.

Switching the summer time and standard time

Checking the summer time setting

1. Push the crown in to position 0.

2. Press and release the upper right button (B).

The function hand indicates the current summer time setting.

Summer time setting	Function hand	Description
SMT ▼ (On)		Summer time is indicated.
SMT ▼ (Off)		The standard time is indicated.

3. Press and release the upper right button (B) to finish the procedure.

- It returns to current time indication automatically in about 10 seconds without pressing the button.

Switching summer time and standard time

1. Pull the crown out to position 1.

The function hand indicates the current summer time setting.

2. Press and release the lower right button (A).

- Each time you press button (A), the summer time ON and OFF changes alternately.

3. Push the crown in to position 0 to finish the procedure.



Turning off the signal reception (reception OFF)

You can turn off the signal reception on aircrafts or in areas where use of radio waves is prohibited.

- When some conditions are met, the watch will start automatic satellite time signal reception (circumstantial reception).

1. Pull the crown out to position ①.

2. Press and hold the upper right button ③ for 2 seconds or more.

The second hand indicates the current setting of the time signal reception.

Signal reception setting	Second hand	Description
On (30 seconds position)		Circumstantial reception is performed.
Off (OFF)		Circumstantial reception is not performed.

3. Press and release the lower right button ⑤.

- Each time you press button ⑤, the setting of the time signal reception changes.

4. Push the crown in to position ② to finish the procedure.

Checking and adjusting the leap second setting

1. Pull the crown out to position ②.

2. Press and release the upper right button ③.

Using the "0:00:00" position as the starting point, the minute and second hands indicate the leap second setting.

The leap second setting is specified according to the time of shipment.

Ex.)	When the leap second setting is "-35 seconds"*	When the leap second setting is "-65 seconds"
	The hands point to "0 minute 35 seconds".	The hands point to "1 minute 5 seconds".

*as of January 2013

Turn the crown to adjust the setting if the leap second is not correct.

3. Push the crown in to position ② to finish the procedure.

Adjusting the time and calendar manually

- Check world time setting in [Setting the world time](#) beforehand.

1. Pull the crown out to position ②.

The second hand points to 30 seconds and stops.

2. Press and release the lower right button ⑤.

The second hand points 0 second and time and calendar become adjustable.

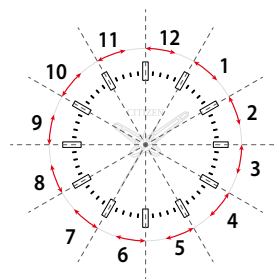
3. Press and release the lower right button ⑤ repeatedly to change the hand/indication to be corrected.

- Each time you press button ⑤, the target changes as follows:
Minute → hour/24-hour → date → year/month → day of week → (back to the top)
- The hands and indications slightly move when selected to show they become adjustable.

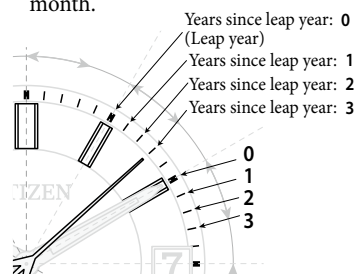
4. Rotate the crown to adjust the hand/indication.

- The hour and 24-hour hands and date indication move synchronously.
- When you rotate the crown quickly a few times, the hand/indication will move continuously. To stop the rapid movement, rotate the crown in either direction.
- Year and month are indicated with the second hand.

"Month" corresponds to one of the 12 zones shown in the figure below.
Each number means month.



"Year" corresponds to the years since leap year and is indicated with markers in the zone of each month.



5. Repeat steps 3 and 4.

6. Push the crown in to position ② in accordance with a reliable time source to finish the procedure.

The second hand starts moving from 0 second.

Checking the reference position

1. Push the crown in to position **0**.
2. Press and hold the upper right button **B** for 7 seconds or more.

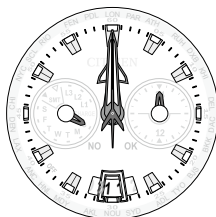
The hands and indication start to move to the current reference positions stored in memory.

- Release the button as the hands/indication start to move.

3. Check the reference positions.

Correct reference positions:

- Hour, minute and second hands: 0 hour 00 minute 0 second
- 24-hour hand: 24-hour position
- Day of week (function hand) : "S" (Sunday)
- Date indication: midway between "31" and "1"



When the current reference position is different from the correct one, adjust the position following the steps of [Correcting the reference position](#)

4. Press and release the upper right button **B** to finish the procedure.

Correcting the reference position

1. Push the crown in to position **0**.
2. Press and hold the upper right button **B** for 7 seconds or more.

The hands and indication start to move to the current reference positions stored in memory.

- Release the button as the hands/indication start to move.

3. When all the hands stop moving, pull the crown out to position **2**.

4. Press and release the lower right button **A** repeatedly to change the hand/indication to be corrected.

- Each time you press the button, the target changes as follows:

Day of week (function hand)/date indication → hour /24-hour hands → second/minute hands → (back to the top)

5. Rotate the crown to adjust the hand/indication.

- When you rotate the crown quickly a few times, the hand/indication will move continuously. To stop the rapid movement, rotate the crown in either direction.
- Date indication changes to the next as the day of week (function hand) rotates 5 times.

6. Repeat steps 4 and 5.

7. Push the crown in to position **0**.

8. Press and release the upper right button **B** to finish the procedure.

- After pushing the crown in to position **0**, it returns to current time indication automatically in about 2 minutes without pressing the button.

Resetting the watch - All Reset

1. Pull the crown out to position **2**.
2. Press and hold buttons **A** and **B** at the same time for 3 seconds or more and release them.

The second hand moves to the 0 second position and other hands and date indication move slightly, and All Reset is executed.

The setting values after All Reset	
Calendar	January of leap year (5 seconds position)
World time	±0 from UTC (LON), London
Summer time	Off at all areas
Leap seconds	
Rollover number	No change after All Reset

After All Reset

After All Reset, adjust the reference position, set the world time and time/calendar.