

ACCUTRON HORIZON WATCH MANUAL

COMPONENT IDENTIFICATION

Chronograph second hand

Hour hand

Recessed button

Date hand

Day-of-week hand

Button ©

Month hand/
Chronograph minute hand

Moonphase indication

Minute hand

Button ®

24-hour hand

Crown

Second hand

Button ®

Year hand/
Chronograph hour hand

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

FUNCTIONS OF EACH HAND

Hand \ Display	Time/calendar	Chronograph
Hour hand	Continuously indicates hours	
Minute hand	Continuously indicates minutes	
Second hand	Continuously indicates seconds	
24 hour hand	Continuously indicates the 24 hour clock	
Chronograph second hand	_____	Chronograph seconds
Date hand	Continuously indicates the date	
Day hand	Continuously indicates the day	
Month hand	Month or minutes (when chiming)	Chronograph minutes
Year hand	Year or hours (when chiming)	Chronograph hours

FUNCTIONS OF EACH BUTTON

Crown position display	Normal position		1 st position	2 nd position
	Time/calendar	Chronograph	Setting the calendar	Setting the time
Button ®	_____	Zero position check/Split/Reset	Yearly/Monthly correction: Clockwise direction	Setting of chime: Clockwise direction
Button ®	Chime	Start/Stop	Yearly/Monthly correction: Counterclockwise direction	Setting of chime: Counterclockwise direction
Button ©	To chronograph display	To time/calendar	Date correction	_____
Crown	_____	_____	_____	Setting of hour, minute, 24 hour clock and day
Moon age correction button	Moon age correction (can be performed at any time regardless of crown position)			

BEFORE USE

Before using this watch, please check the reference positions of each hand using the following procedure to ensure that each function operates properly.

Reference position: The initial position of each hand to ensure that this watch functions properly.

CONFIRMATION OF REFERENCE POSITION

- Put the crown in the normal position.
 - Press button © for at least 2 seconds to switch to the chronograph display. Check that the hands are at the positions indicated below.

Chronograph second hand: 00.00 seconds
 Year and month hands: 00:00 (12:00 position)
 - Press button ® for at least 2 seconds and check that the date hand is at the position indicated below.

Date hand: ▼ (Between 31 and 1)
- Once you have confirmed that the hands are at the reference position, press button © for at least 2 seconds to return the watch to the time and calendar display.

* If the hands are not at the reference position, set the reference position of each hand by following the procedure described in the next section.

CHECKING THE TIME WITH CHIMES

You cannot use this function while using the chronograph.

- Push the crown in to position 0.
- Press and release the upper-right button ®.

Combination of high and low tones of chimes tells you the time of the sub watch.

- The 3 tones mean “hour”, “quarter of hour” and “minute” as shown below.
- Meaning of the tones:

Height	Length	Meaning
High	Long	“Hour”
Low	Long	“Minute”
High-low combination	Two short tones	“Quarter of hour”

- Example: 4:36

Low tone							♪	♪	♪	♪	♪	♪
Sum	4 o'clock				2 quarters		6 minutes					
Time	4 o'clock				36 minutes							

SETTING THE TIME AND CALENDAR

This watch is equipped with two watches: The main watch and the sub watch. They control hands shown as follows.

	Hands
Main watch	Hour, minute and second hands, 24-hour hand, day-of-week hand and moon phase
Sub watch	Time-telling chime, Date hand and year hand (chronograph hands)

The calendar of this watch does not have to be adjusted manually until February 28th, 2100 including leap years. (perpetual calendar)

SETTING THE TIME AND DAY OF WEEK

- Pull the crown out to position 2 when the second hand points to 0 seconds.
 - The second hand stops.
 - The year hand month hands indicates the time of the sub watch. The year hand shows “hour” and the month hand “minute”.
- Rotate the crown to adjust the day-of-week hand.
 - The hour, minute and 24-hour hands move synchronously.
 - Rotate the crown left and right and move the hour hand from 9 PM to 1 AM to move the day-of-week hand quickly.
- Rotate the crown to set the time of the main watch.

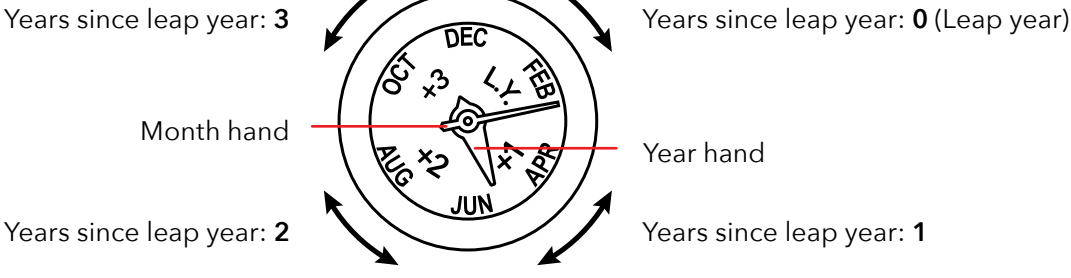
Check whether the time set is AM or PM with the 24-hour hand.
- Press and release button ® or ® to adjust the sub watch.
 - Each time you press button ®, the month hand moves forward 1 minute; each time you press the button ® it moves back 1 minute.
 - It moves continuously while you are pressing and holding the button.
 - The hour and minute of the sub watch move synchronously. The sub watch has no distinction of AM and PM.
- Push the crown in to position 0 in accordance with a reliable time source.

The second hand starts moving and the year and month hands return to indicate the calendar.

SETTING THE YEAR, MONTH, AND DATE

Day of week is set in the course of setting of the time.

- Pull the crown out to position 1.
- Press and release button ® or ® to adjust the month and year hands.
 - Each time you press button ®, the month hand moves forward by 1 month; each time you press the button ®, it moves back by 1 month.
 - It moves continuously while you are pressing the button.
 - The year and month hands move synchronously.
 - The year corresponds to years since leap year.



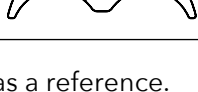
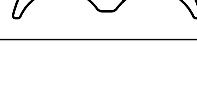
Years since leap year: 3
 Years since leap year: 0 (Leap year)
 Years since leap year: 2
 Years since leap year: 1

Update to: Setting March of +1 year since leap year
- Press and release the lower left button © to adjust the date hand.
 - Each time you press the button, the hand moves by 1 day.
 - It moves continuously while you are pressing holding the button.
- Push the crown in to position 0 to finish.

SETTING THE MOON PHASE INDICATION

- Press and release the recessed button to adjust the moon phase indication.

Refer to a newspaper or other source to see the actual moon phase.

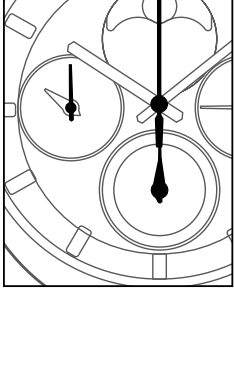
Moon phase	New moon	First quarter moon	Full moon	Last quarter moon
Lunar age	0	About 7	About 15	About 22
Tide	Spring tide	Neap tide	Spring tide	Neap tide
Indication				

 - Use the indicated moon phase only as a reference.
 - Appearance of the indication may differ in some models.
 - The moon phase can be set more accurately when it is a new moon or full moon.

CHECKING THE REFERENCE POSITION

- Push the crown in to position 0.
- Press and hold the lower-left © button for 2 seconds or more.
 - The year hand, month hand and chronograph second hand move to the their current reference position.
 - Correct positions:

Year hand: 12 o'clock
 Month hand: 12 o'clock
 Chronograph second hand: 12 o'clock


- Press and hold button ® for 2 seconds or more.
 - Correct position:

Date hand: ▼ (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.”
- Press and hold button © for 2 seconds or more.

The hands return to indicate the calendar.

CORRECTING THE REFERENCE POSITION

- Pull the crown out to position 2.

The second hand stops.
- Press and hold buttons ®, ® and © simultaneously, then release.

The chronograph second hand, date hand, year hand and month hand move one by one of the alarm sounds.
- Press and release the lower-right button ® to set the year and month hands to the 12 o'clock position.

Each time you press the button, the hands move by 1 month.

They move continuously while you are pressing and holding the button.
- Press and release the upper-right button ® to set the chronograph second hand to the 12 o'clock position.

It moves continuously while you are pressing and holding the button.
- Press and release the lower-left button © to set the date hand to ▼.

It moves continuously while you are pressing and holding the button.
- Push the crown in to position 0 to finish the procedure.
 - The second hand starts moving.
 - Set the time and calendar after adjustment.

If the date hand rotates counterclockwise

If the date hand rotates counterclockwise when the crown is pushed into position 0 or 1 after step 2 without adjusting the reference position. Try to correct the reference position again from step 1.