

Reference 5308

Caliber R CHR 27 PS QI



*Quadruple Complication with minute-repeater,
split-seconds chronograph and instantaneous perpetual calendar.
White gold.*

Patek Philippe launches a new Quadruple Complication for connoisseurs with minute-repeater, split-seconds chronograph and instantaneous perpetual calendar. The new self-winding R CHR 27 PS QI caliber (799 components) features several innovations, including two new patents optimizing energy management.

The instantaneous perpetual calendar ensures that the disks pass in 30 milliseconds over the three day-date-month apertures arranged along an arc. The entirely polished white gold case is complemented by a sunburst ice blue dial and a shiny navy-blue alligator strap with a new patented triple-blade fold-over clasp.

User manual



DISPLAYS AND FUNCTIONS

- | | |
|--------------------------|--|
| 1 - DAY OF THE WEEK | 10 - 12-HOUR COUNTER |
| 2 - DATE | 11 - SMALL SECONDS |
| 3 - MONTH | 12 - CHRONOGRAPH PUSHER |
| 4 - MOON PHASE | 13 - SPLIT-SECONDS PUSHER |
| 5 - LEAP YEAR | 14 - MANUAL WINDING |
| 6 - DAY/NIGHT INDICATION | 15 - SETTING THE TIME |
| 7 - CHRONOGRAPH HAND | 16 - SLIDE PIECE FOR ACTUATING THE MINUTE REPEATER |
| 8 - SPLIT-SECONDS HAND | |
| 9 - 60-MINUTE COUNTER | |

CORRECTORS

- A - DAY-OF-WEEK CORRECTION
B - DATE CORRECTION
C - MONTH AND YEAR CORRECTION
D - MOON-PHASE CORRECTION

THE MINUTE REPEATER

On demand, the minute repeater strikes the hours, the quarter-hours, and then the minutes that have elapsed since the last quarter-hour, on two classic gongs made of steel with excellent acoustic qualities and producing crystal-clear sounds. The first hammer strikes the hours on the low-pitched gong with one strike for each hour. Subsequently, each quarter-hour is sounded as an alternating double strike by two hammers on both the high- and low-pitched gongs. Finally, the second hammer strikes the high-pitched gong to count the number of minutes that have passed since the last quarter-hour. At 12:59, for instance, the melody consists of 12 low sounds, 3 double high/low sounds, and 14 high sounds (totaling the maximum of 32 strikes). To activate the minute repeater, push the slide piece at 9 o'clock all the way up. Now release it completely – do not pull it down. If the watch was set aside unwound for an extended period of

time, the minute repeater might not indicate the exact time on the first try. This may happen if the oil is not evenly distributed but bears no negative consequences. The striking mechanism will function correctly if you activate it two or three times in a row.

Caution:

- *The strike sequence of the minute repeater must be allowed to end completely before it is activated again.*
- *Never actuate the winding crown as long as the repeater is working and for 30 seconds thereafter. Doing so could cause damage to the striking mechanism which would not be covered by the warranty.*

WINDING CROWN

The winding crown is used to wind the watch (14) and to set the time (15).

WINDING

Your watch is wound automatically by the movements of your wrist, which set a winding mechanism in motion. When fully wound and off the wrist, your watch has a power reserve of at least 38 hours (with the chronograph disengaged). If it was set aside for a longer period of time and is no longer running, it can be manually wound with about ten turns of the crown.

We advise you to wind the watch before you put it on. This way, you can avoid lateral pressure on the winding stem which, over the years, could damage the stem tube.

Caution: *To safeguard the functional integrity of your watch, please follow these recommendations:*

- *Rewind manually (20 turns of the crown) before using the chronograph if your watch has not been worn during the past 24 hours.*
- *Do not activate the minute repeater while the chronograph is running.*
- *After having set the time, wait for 2 minutes before starting the chronograph.*

SETTING THE TIME

To set the time, pull the crown out, and turn it in either direction. The day/night indicator allows you to verify whether the time displayed by your watch is between 6 a.m. and 6 p.m. (white) or between 6 p.m. and 6 a.m. (blue). When you turn the hands clockwise beyond midnight, the calendar displays will advance as well. We advise against turning the hands counterclockwise across midnight because this would desynchronize the calendar displays; however,

it would not damage the calendar mechanism. Set the hands to the correct time, then push the crown home again.

Caution: *Please set the time only when the chronograph is stopped and the chronograph and rattrapante hands both return to zero, and preferably – to prevent lateral pressure on the winding stem – before you put the watch on. We recommend that you turn the crown only with two fingers and use your fingernails to pull it out.*

CHRONOGRAPH

The Patek Philippe split-seconds chronograph allows you to measure the duration of events or record lap times. These measurements are performed with the two large sweep stop hands – the chronograph and split-seconds hands – and with the small 60-minute counter at 3 o'clock. Unlike most split-seconds chronographs, the Ref. 5308 is a three-phase chronograph that requires only two pushers.

Actuating the pusher at 2 o'clock sequentially activates the three following commands:

1. Simultaneously start the chronograph and split-seconds hands,
2. Simultaneously stop the chronograph and split-seconds hands,
3. Reset the chronograph and split-seconds hands.

The pusher at 4 o'clock controls only the split-seconds hand.

MEASURING DURATIONS AND STOPPING LAP TIMES

When the event to be timed begins, press the pusher at 2 o'clock: The superposed chronograph and split-seconds hands begin to run. To measure a lap time, press the pusher at 4 o'clock: The split-seconds hand will stop but the chronograph hand keeps running. Now you can take a note of the lap time. When you actuate the pusher at 4 o'clock again, the split-seconds hand will catch up with the chronograph hand and both hands, now superposed, will continue running. This function can be activated as many times as you wish. To stop the final time, actuate the pusher at 2 o'clock: this will stop the chronograph hand and you can take a note of the duration of the event. When you actuate the pusher at 2 o'clock, the chronograph and split-seconds hands will both return to zero.

Caution: *To reset the chronograph and split-seconds hands to zero at the same time, they must be superposed. If the split-seconds hand is still indicating a lap time, actuate the pusher at 4 o'clock to make it catch up with the chronograph hand, and then reset both hands to zero by actuating the pusher at 2 o'clock.*

INSTANTANEOUS PERPETUAL CALENDAR WITH APERTURE DISPLAYS

At midnight ± 2 minutes, all calendar displays except the moon phase and the day/night indicator simultaneously and instantaneously advance to the next day and, as the case may be, to the next month and the next year. The perpetual calendar automatically recognizes months with fewer than 31 days and switches directly from September 30 to October 1 and from February 28 to March 1. In leap years, which are indicated by the Roman numeral IV in the aperture at 4 o'clock, the date disk first indicates February 29 before switching to March 1 a day later. The moon-phase display is remarkably accurate. The error adds up to merely one day every 122 years. If the watch is wound every day, the perpetual calendar will not need to be corrected until February 28, 2100. The year 2100 is a secular year in which the leap day is skipped according to the rules of the Gregorian calendar.

NOTE ON CORRECTING PERPETUAL CALENDAR DISPLAYS AND MOON PHASE DISPLAY

- To prevent damage to your watch, please perform all settings and corrections with the correction stylus that was supplied with your watch. Any other tool could damage your watch.
- Make sure to set your watch to 3 a.m. before correcting displays or performing other settings.
- The setting sequence described below must be observed.
- For every correction procedure, the corrector push pieces must be pushed all the way in and then totally released again.

PREPARATIONS PRIOR TO SETTING

- Before performing any corrections or settings, always wind the watch (20 turns of the winding crown).
- Pull the crown out and advance the hands clockwise until the date hand switch forward by one day.
- Set the hands to 3 am (the color of the day/night indicator must be dark blue) and push the winding crown home again.

DATE CORRECTION

To set the date, actuate the correction push piece between 6 and 7 o'clock as many times as needed to display the current date.

MONTH AND LEAP-YEAR CORRECTION

To simultaneously set these two displays and, actuate the correction push piece between 12 and 1 o'clock as many times as needed to display the current month and the current year (4 = leap year; 1 = 1st year after leap year; 2 = 2nd year after leap year; 3 = 3rd year after leap year). Visit www.patek.com to find the current leap-year cycle.

DAY-OF-WEEK CORRECTION

To set the day of the week, actuate the correction push piece between 11 and 12 o'clock as many times as needed to display the current day.

MOON-PHASE CORRECTION

Each time the correction push piece between 5 and 6 o'clock is actuated, the moon-phase disk will advance by one day. To begin the correction procedure, advance the moon-phase disk until a full moon is displayed in the middle of the aperture. Consult an almanac or visit www.patek.com and count the number of days that have elapsed since the last full moon (relative to the current date). To set the correct moon phase, press the correction push piece as many times as the number of days that have elapsed since the last full moon.

Recommendations

WATER RESISTANCE

Although your watch is equipped with seals for the crown, it is not protected against the ingress of moisture because of the slot for the minute repeater slide.

Therefore, exercise care to ensure that liquid does not come into contact with your watch.

SERVICE

We recommend that you have your watch serviced every 8 to 10 years. For this purpose, we suggest you take it to an Authorized Patek Philippe Retailer who will send it to our Geneva manufacture, the only location authorized to service watches with minute repeaters. You can then be assured that your watch will be inspected and overhauled by a qualified master watchmaker at Patek Philippe headquarters in Geneva.

The master watchmaker will completely disassemble the movement and then inspect, clean, and lubricate all the individual parts prior to reassembly. All functions of the watch will also be tested in detail and the escapement regulated if necessary. Finally, its rate accuracy will be monitored and precision-adjusted for a further period of at least two weeks.

The case and the buckle will be polished as per your instructions and your watch will be returned to you in mint condition. The entire process may take several weeks because each watch must undergo a complete series of tests to fulfill the strict quality criteria of Patek Philippe.

If you have any questions regarding the maintenance of your watch, contact the Authorized Patek Philippe Retailer nearest you or our International Customer Service department in Geneva, or visit www.patek.com.

WATCH WINDER

Your Ref. 5308 is delivered with a winder. Keep your watch in this box if you intend not to wear it for a longer period of time. The rotation of the watch holder will keep it wound and you will not have to reset the time when you put your watch on again.

PATEK PHILIPPE SEAL

As a comprehensive seal of quality, the Patek Philippe Seal applies to the entire watch, including the movement, case, dial, hands, pushers, strap, and clasp as well as to all other facets that contribute to the precision and visible appearance of the timepiece. Its applicability to the technical, functional, and aesthetic aspects of the watch takes into consideration not only the artisanship with which it was crafted, but also covers its rate accuracy, its dependability, and the quality of customer service. Moreover, it stands for the entire know-how and all the special skills invested in the development, production, and long-term maintenance of an extraordinary timepiece.

Specifications of the movement



CALIBER :	R CHR 27 PS QI Self-winding movement. Minute repeater, split-seconds chronograph and instantaneous perpetual calendar
DIAMETER :	32 MM
HEIGHT :	12.28 MM
NUMBER OF PARTS :	799
NUMBER OF JEWELS :	67
POWER RESERVE :	WITH THE CHRONOGRAPH DISENGAGED: MIN. 38 HOURS - MAX. 48 HOURS
WINDING ROTOR :	GUILLOCHED PLATINUM MINIROTOR, UNIDIRECTIONAL WINDING
BALANCE :	GYROMAX®
FREQUENCY :	21,600 SEMI-OSCILLATIONS/HOUR (3 HZ)
BALANCE SPRING :	SPIROMAX®
HALLMARK :	PATEK PHILIPPE SEAL