

# Reference 6301

Caliber GS 36-750 PS IRM



*Wristwatch with grande sonnerie,  
petite sonnerie and minute repeater.  
Platinum.*

Patek Philippe reasserts its sovereign mastery of the music of time and introduces an exceptional timepiece combining a *grande sonnerie* – rated as the grail of chiming functions in this pure form – with a *petite sonnerie* and a minute repeater. The result has been fervently awaited by con-

noisseurs for quite some time. The new 703-part movement features three classic gongs and was granted two patents for the strikework mechanism and one for the jumping small seconds. It is housed in an elegant platinum case with a *Grand Feu* black enamel dial.

## The grande sonnerie and petite sonnerie

When the grande sonnerie mode is activated, the strikework accompanies the owner throughout the day by automatically providing audible indications of the hours and quarter-hours. It sounds each new hour with the corresponding number of low-pitched strikes. At each quarter-hour, it first sounds the hours on the low-pitched gong, followed by the number of elapsed quarter-hours.

To reduce the number of strikes sounded during the day, the watch can be set to the *petite sonnerie* mode, in which the hours are struck only at each new hour, and are not repeated before every quarter-hour for which only the number of quarters will be sounded.

Owners who prefer to enjoy the passage of time in silence need merely to select the *silence* mode. The strikework is then deactivated and the hours go by silently.

## The minute repeater

On demand, the minute repeater strikes on three classic gongs the hours, the quarter-hours, and then the minutes that have elapsed since the last quarter-hour. The first hammer strikes the hours on the low-pitched gong with one strike for each hour. Quarter-hours are sounded by three hammers playing a melody on three different pitches, struck successively on the high-, low- and medium-pitched gongs. For the first quarter-hour, a triple-strike sequence is played; for the half-hour, two triple-strike sequences; and for the third quarter-hour three triple-strike sequences. Finally, a 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 pleasing tune is achieved by 12 low-pitched strikes, 3 triple strikes, and 14 high-pitched strikes (totaling 35 strikes, which is the maximum number).



## Instructions

Please wind the watch and set the time before you put the watch on. This prevents lateral pressure on the winding stem. Please use your fingernails to pull the crown out and turn it gently between two fingertips. We recommend that you wind your watch at about the same time every day.

### WINDING THE MOVEMENT

Your watch has a manually wound movement. It is wound with the crown pushed home, in position 1. Turn the crown clockwise until the hand of the power-reserve indicator at 9 o'clock (MOVEMENT) reaches the topmost position. When fully wound, the movement has a power reserve of at least 72 hours.

### WINDING THE STRIKEWORK MECHANISM

The strikework mechanism is wound by turning the crown counterclockwise. This requires that the crown be pushed home, in position 1. To make full use of the watch's capabilities it is advisable to wind the strikework mechanism until the hand of the power-reserve indicator à 3 o'clock (SONNERIE) is in the topmost position. When fully wound, the strikework of Reference 6301 in *grande sonnerie* mode has a power reserve of 24 hours. Please note that a frequent use of the minute repeater will decrease the total duration (24 hours) of the strikework's power reserve.

**Caution :** When the strikework does not have enough energy (indicated by the hand of the strikework power reserve at 3 o'clock), your watch stops striking (remains silent), even though it is in *grande* or *petite sonnerie* mode. Rewind the strikework mechanism following the instructions above so that it can resume operation.

## SETTING THE TIME

To set the time, gently pull the crown all the way out to position 2 and turn it clockwise or counter-clockwise in order to move the hands forwards or backwards. Once you have set the correct time, push the crown home again into position 1.

We recommend setting the time by moving the hands in a clockwise direction. If you do nonetheless decide to set the time by turning the hands counter-clockwise, first move the minutes hands back a little further than necessary and then complete the setting clockwise so as to reduce any gear backlash. It is important to note that setting the time in one way or the other entails no risk of damage to the movement.

**Caution :** *The time should never be set while the grande or petite sonnerie or minute repeater is in operation, nor for 30 seconds thereafter.*

## SELECTING THE STRIKework MODE:

### GRANDE SONNERIE, PETITE SONNERIE, SILENCE

On the side of the case at 6 o'clock, there is a slide switch that can be used to select the desired strikework mode:

- If the slide switch is in the intermediate position at 6 o'clock (position "G" on the picture), the *grande sonnerie*-mode is active.
- If the slide switch is pushed left, towards 9 o'clock (position "P" on the picture, slide switch hand-engraved with the inscription "petite"), the *petite sonnerie*-mode is activated.
- If the slide switch is pushed right, towards 3 o'clock (position "S" on the picture, slide switch hand-engraved with the inscription "silence"), the *grande* and *petite sonnerie* are disabled and the "silence" mode is activated. It is important to note that, even in "silence" mode, the minute repeater can still be activated on demand.

## USING THE MINUTE REPEATER

The minute repeater strikes the time on demand at any given moment. This is done by pressing the pusher in the winding crown (indicated by "MR" on the picture) all the way in and then releasing it. The watch strikes the hours (on low-pitched tones), the quarter-hours (simple, double or triple sequence of three pitches – high, low, medium – for each quarter-hour) and the minutes (high-pitched tones). No time-setting should be done while the minute repeater is in operation, nor for the 30 seconds after the last strike.

*Kindly wait until the repeater has finished striking before activating it again. Caution: Never actuate the winding crown while the repeater is in operation, nor for 30 seconds thereafter.*

Actuating the minute repeater while the *grande* or *petite sonnerie* are striking or about to strike will cancel the *grande* or *petite sonnerie* indication in progress. The minute repeater mechanism will override the other strikework modes and audibly indicate the time on demand.



## Recommandations

### WATER RESISTANCE

Although your watch is equipped with a water-resistant crown, the presence of the minute repeater pusher do not ensure the water-resistance of the watch, or even a total protection of the case against humidity.

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

### SERVICE

We recommend that you have your watch serviced at least once every three to five years. For this purpose, we suggest you take it to an Authorized Patek Philippe Retailer who will send it to our Geneva manufacture. 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 will 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 nearest Patek Philippe Authorized Retailer, our International Customer Service department in Geneva; or else visit [www.patek.com](http://www.patek.com).*

### CHANGING THE CASE-BACK

Your watch comes with a sapphire crystal case-back and an interchangeable solid metal case-back. Only qualified master watchmakers at the Patek Philippe workshops in Geneva are authorized to perform this change.

### PATEK PHILIPPE SEAL

The Patek Philippe Seal is a global emblem of quality that applies to the completed and fully cased watch, encompassing the movement, the case, the dial, the hands, the pushers, the strap and bracelet, the clasp, as well as all other components that contribute to the accuracy and aesthetic appeal of a watch. It takes technical, functional, and design-related aspects into account and also covers the visual appearance of the watch, its rate accuracy and reliability, as well as the quality of the customer service to which its owner is entitled. It encompasses the entire know-how and the unique facets that govern the development, production, and long-term maintenance of an exceptional timepiece.

## Movement technical data



CALIBER:	GS 36-750 PS IRM
DIAMETER:	37 MM
HEIGHT:	7.5 MM
NUMBER OF PARTS:	703
NUMBER OF JEWELS:	95
MOVEMENT POWER RESERVE:	72 HOURS
STRIKework POWER RESERVE:	24 HOURS
BALANCE:	GYROMAX®
FREQUENCY:	25,200 SEMI-OSCILLATIONS PER HOUR (3.5 HZ)
BALANCE SPRING:	SPIROMAX®
HALLMARK:	PATEK PHILIPPE SEAL