

Reference 5520

Caliber AL 30-660 S C FUS



*Self-winding wristwatch.
Alarm Travel Time.*

The quintessential travel watch, Alarm Travel Time Reference 5520 comes in a new two-tone version with a rose gold case featuring four white gold pusher tubes and a sunburst gray dial. This Grand Complication equipped with self-winding AL 30-660 S C FUS caliber protected by four patents combines the exclusive Travel

Time dual-time display (with date indexed to local time) with a 24-hour alarm mechanism featuring a hammer striking a classic gong. The Travel Time mechanism features two central hour hands: a skeletonized one for home time and a solid one for the travel time.

Displays, fonctions and settings



DISPLAYS AND FUNCTIONS

- 1- LOCAL TIME
- 2- HOME TIME
- 3- MINUTES
- 4- SECONDS
- 5- DATE
- 6- ALARM TIME
- 7- ALARM DAY/NIGHT INDICATION
- 8- ALARM ON/OFF INDICATION
- 9- LOCAL TIME DAY/NIGHT INDICATION
- 10- HOME TIME DAY/NIGHT INDICATION

PUSHERS AND CORRECTORS

- A- ALARM ON/OFF
- B- ADJUSTMENT OF LOCAL TIME: PRESS ONCE = +1 HOUR
- C- ADJUSTMENT OF LOCAL TIME: PRESS ONCE = -1 HOUR
- D- DATE CORRECTION (5)

3-POSITION CROWN

- I- WINDING THE ALARM (CLOCKWISE)
WINDING THE MOVEMENT (COUNTERCLOCKWISE)
- II- SETTING THE ALARM TIME (IN 15-MINUTE STEPS, FORWARD AND BACKWARD)
- III- SETTING THE TIME

Settings

Preparations

Please manually wind the watch before performing any corrections or adjustments (20 counterclockwise turns of the crown).

You can be sure that performing adjustment is safe if you first set your watch to 7 a.m.; observe the color of the day/night indicator (LOCAL) (white).

Second time zone

Your watch has two central hour hands:

- The solid hand displays local time (the time zone in which you are currently located)
- The skeletonized hand displays home time (your normal place of residence or work)

When you are at home and therefore local time and home time are the same, the hands are perfectly aligned to appear as one.

When you change time zone, you can move the local hour hand forward or backward one hour at a time using the pushers on the side of the case at 8 o'clock and 10 o'clock. During this time, the skeletonized hand continues to indicate the time in your home time zone. This useful feature is intelligently combined with day/night indicators, clearly distinguished by the words LOCAL and HOME. These small apertures tell you what part of the day it is in each of the two displayed time zones.

CAUTION: The pushers used to set the local time and to turn the alarm on and off feature a patented safety lock that prevents inadvertent changes to the local time and to the alarm setting. Before they can be actuated, they must be unlocked with a quarter turn in the counterclockwise direction. After setting the local time or once the alarm has been activated or deactivated, lock the pushers again with a quarter turn in the clockwise direction.

Setting the alarm



Lock:

¼ turn clockwise

Setting the local time



Unlock:

¼ turn counterclockwise

Setting the time – home time

Recommended method:

The reference time for your watch is the time at home. To set the time, first unlock the correction pushers “+” and “-” (1/4 turn counterclockwise) and actuate one of the two pushers as many times as needed to superpose the skeletonized and solid hour hands and to display the same color in the day/night indicator aperture (HOME) and (LOCAL).

Now, pull the crown gently all the way out to position 3 and move the hands in either direction. The day/night indicator in the aperture (HOME) lets you check whether you have set the correct time (white = from 6 a.m. to 6 p.m.; blue = from 6 p.m. to 6 a.m.).

Once you have set the correct time, push the crown home again and lock the corrections pushers (1/4 turn clockwise).

Display of a second time zone - local time

Before you set a second time zone, check the day/night indicator (HOME) to make sure that the two superposed hour hands indicate the correct time at home and that the day/night indicator correctly displays daytime or nighttime hours, for instance 8 a.m. or 8 p.m.

To set the local hour hand to display a second time zone, follow these steps:

- If you are traveling eastbound, press the correction pusher “+” at 8 o’clock to move the solid hand clockwise by as many hours as the two time zones are apart (press once = +1 hour);
- If you are traveling westbound, press the correction pusher “-” at 10 o’clock to move the solid hand clockwise by as many hours as the two time zones are apart (press once = -1 hour);
- If you move the hour hand for local time beyond midnight in either direction, the date will also switch forward or backward;
- If you continue your journey and pass through further time zones, simply repeat the procedure described above with the pushers “+” or “-”.

When the two hour hands are separate, the skeletonized hand continues to display the time in your home time zone, and the day/night aperture (HOME) indicates whether it is day or night in your home time zone.

As soon as you have returned to your home time zone (normal place of residence or work), simply press the correction pusher “+” or “-” as many times as needed to superpose the two hour hands and again. Make sure the two day/night indicators (HOME) and (LOCAL) have the same color. Lock the pushers again with a quarter turn in the clockwise direction.

Date correction

The date indicated by your watch refers to the local time zone. 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. Correction push pieces should be actuated exclusively with the correction stylus that was delivered with the watch. The use of any other tool could damage your timepiece.

CAUTION: The date cannot be adjusted between 10 p.m. and 2 a.m. If you activate the date change mechanism during this time, an insulator will prevent the date from being changed to avoid any damage to the movement.

Setting the alarm

The alarm time, like the date, is synchronized with the local time (solid hour hand).

The alarm time can be programmed in quarter-hour steps and up to 23 hours in advance. The alarm can be set to strike as from the next quarter hour: for example, it can be set at 9.20 to sound at 9.30.

To adjust the alarm time, pull the crown out to position 2. Then turn the crown backwards or forwards until the desired time appears in the double aperture at 12 o'clock. The day/night indicator situated just below the aperture enables you to check whether the time displayed corresponds to 1 a.m. (blue indicator from 6 p.m. to 6 a.m.) or 1 p.m. (white indicator from 6 a.m. to 6 p.m.). Once the alarm time is set, push the crown home again (position 1).

You can proceed with programming a new alarm time as soon as the watch has finished striking. But to reactivate the alarm for the same time the next day, please wait 60 minutes.

Activating/deactivating the alarm

CAUTION: The alarm cannot be actuated unless the strikework barrel is fully wound.

To be able to actuate the alarm, make sure that you always wind the striking mechanism to the full extent. If the winding is not complete, the alarm cannot be actuated. To wind the strikework barrel turn the crown at 4 o'clock in the clockwise direction. For this, the crown must be pushed home to position 1.

Since your watch is equipped with a dynamometric crown you will know that the strikework barrel is fully wound when you hear a succession of soft clicks.

To actuate the alarm, unlock the alarm pusher at 2 o'clock (by giving it a quarter turn counterclockwise) and then press it. The bell-shaped aperture will change from black to white. If it does not change, this means that the strikework barrel has not been fully wound. Remember to lock the pusher (by a quarter turn clockwise) to avoid accidentally deactivating the alarm.

Once the alarm has sounded, the strikework barrel must be fully rewound before you can reactivate the alarm mechanism.

Striking mechanism

At the pre-set time, the alarm will strike at a steady cadence for a total duration of about 35 seconds. You can also stop it sooner by pressing the alarm's on/off pusher at 2 o'clock after having unlocked it. At the end of the strike sequence or when you stop it using the pusher, the bell-shaped aperture changes from white to black.

Recommendations

WATER RESISTANCE

Your watch is fitted with different types of seals to protect the movement against the ingress of dust and moisture and to prevent damage if it is immersed in water. Nonetheless, we recommend that you prevent direct contact with water if your watch has a leather strap.

It is advisable to have a water-resistance test carried out every year on your watch. This is a simple procedure that takes only a few minutes at a properly equipped point of sale.

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, 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 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 Authorized Patek Philippe Retailer nearest to you or our International Customer Service department in Geneva, or visit www.patek.com.

WINDING

When it is on your wrist, your watch is wound automatically by your arm movements. When fully wound and off the wrist, your watch has a power reserve of at least 52 hours. If your watch stopped because you set it aside for an extended period of time, you can wind it manually with about 20 counterclockwise 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, in the course of the years, could damage the stem tube.

The same applies to handsetting and alarm time setting, for which we advise to use your fingernails to pull the crown out and turn it gently between two fingertips.

CHANGING THE CASE BACK

Your watch comes with a sapphire-crystal case back and a separate interchangeable solid metal back. Only watchmakers entitled by Patek Philippe Genève are authorized to exchange the backs.

PATEK PHILIPPE SEAL

The Patek Philippe Seal is a global emblem of quality that applies to the completed and fully cased watch. It covers the movement, the case, the dial, the hands, the pushers, the straps and bracelets, the clasps, 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 dependability, 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:	AL 30-660 S C FUS
DIAMETER:	31 MM
HEIGHT:	6.6 MM
NUMBER OF PARTS:	574
NUMBER OF JEWELS:	52
POWER RESERVE:	MAX. 52 HOURS
WINDING ROTOR:	CENTRAL ROTOR IN 21K GOLD, UNIDIRECTIONAL WINDING
BALANCE:	GYROMAX®
FREQUENCY:	28,800 SEMI-OSCILLATIONS PER HOUR (4 HZ)
BALANCE SPRING:	SPIROMAX®
HALLMARK:	PATEK PHILIPPE SEAL