



ARNOLD & SON  
1764

Instruction booklet

**LONGITUDE**

A&S6302



# LONGITUDE

Thank you for choosing Arnold & Son. We are proud to count you as an owner of one of our Longitude timepieces.

Longitude pays vibrant tribute to John Arnold's quest, revolutionary vision and decisive role in promoting the widespread use of marine chronometers in the 18th century. Your Longitude is a COSC-certified chronometer with an integrated 42 mm case on a finely articulated bracelet. The aesthetics of John Arnold's marine chronometers were necessarily classic and functional, and were adapted to the extremely harsh conditions of the high seas. A contemporary transposition of the work of one of the greatest watchmakers of his time, Longitude perpetuates tradition and coherently combines its maritime inspiration with the layout of its functions and its design.

As is the case for every Arnold & Son timepiece, Longitude has been crafted in our Manufacture in La Chaux-de-Fonds, Switzerland. It has been developed, produced and assembled by our skilled designers, engineers and watchmakers.

# WINDING

Your watch is equipped with a self-winding mechanism. As such, it does not require any manual winding unless it has not been worn for a long time, or for long enough.

To wind the movement, you must first unscrew the screw-down crown in position 1 on your Longitude watch. Once unscrewed, you can wind the movement by turning the crown. You should then wear your watch continuously to ensure that the automatic movement fully replenishes the power reserve.



# SETTING

Your Longitude indicates the hours and minutes via its two central hands. The seconds are displayed in a counter at 6 o'clock, and the power reserve at 12 o'clock.

## Power-reserve indicators

The power-reserve indicator shows you how much energy is left to keep your watch functioning correctly. When the movement is empty, the power-reserve hand will point to the left.



**Time:**

To set the time (hours and minutes hands), unscrew the screw-down crown in position 1. Once unscrewed, pull the crown out to position 2 and turn it clockwise or anticlockwise until the desired time is shown.



**Note:** Do not forget to push the crown back into position 1 and to screw it down again once you have set the time. This will ensure that your watch remains water-resistant.

# MOVEMENT

Your Longitude timepiece is equipped with the A&S6302 self-winding calibre. It indicates the hours, minutes, seconds and power reserve.

The movement is rhodium-plated and finely decorated in accordance with the codes of high-quality Swiss watchmaking. Featuring a fine adjustment system, your movement has been set by one of our watchmakers in five positions to ensure it operates with optimum accuracy.

## Technical characteristics:

- Calibre : A&S6302, self-winding movement
- Functions: hours, minutes, seconds, power reserve
- Jewels : 36
- Diameter : 33.00 mm
- Thickness : 6.65mm
- Power reserve : 60 hours
- Frequency : 4Hz (28,800 vibrations per hour)
- Adjusted in five positions
- Certified Chronometer (ISO 3159)

## **WATER-RESISTANCE**

Your watch is guaranteed to be water-resistant to 10 ATM. This means that its ability to withstand pressure when immersed at a depth of 100 metres has been verified. Leather straps are not suitable for water sports.

If your watch comes in to contact with sea water, clean it thoroughly using fresh water and a little soap, rinse, then dry using a soft cloth. The water-resistance of your watch can be affected by impacts (falls, etc.) and aggressive substances (acids, perfumes, cosmetics, liquid metals, etc.).

We therefore recommend that you have the water-resistance of your watch checked once a year, or following an impact, to guarantee that its original water-resistance properties remain intact. If water penetrates the case or if you notice any signs of humidity, please take your watch to a certified Arnold & Son sales or after-sales partner as soon as possible.



# MAINTENANCE

Your watch features a mechanical movement that requires adequate care and maintenance. It should be protected from violent impacts.

The movement powering your watch must be serviced at regular intervals because oils change in viscosity over time and this can both impede its smooth operation and speed up wear and tear.

We therefore recommend that you have your watch fully serviced by a certified Arnold & Son after-sales service centre every four to five years to ensure it continues to function correctly. Only authorised service centres are sufficiently qualified to service your watch.

**Arnold & Son**

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