



ARNOLD & SON  
1764

Instruction booklet

**GLOBETROTTER**

A&S6122



# LOBETROTTER

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

Arnold & Son is named after the famous 18th-century English watchmaker John Arnold. The golden age of maritime exploration and discovery propelled watchmaking towards a new ideal of accuracy necessary for astronavigation, which was used to determine longitude at sea, i.e. the difference between the local time indicated by the position of the sun and the Greenwich Mean Time read off from an onboard marine chronometer. By comparing the difference in time provided by these two variables, sailors could calculate the distance separating them from the Greenwich meridian and thus their easterly or westerly position. Astronomy, chronometry and what we now call 'world time' are thus inextricably linked to the same quest for precision to which John Arnold and his son, John Roger Arnold, devoted their lives, their art and their ingenuity.

As a result, these three principles—Astronomy, Chronometry, and World Time—are all embodied in Arnold & Son's contemporary timepieces. Echoing John Arnold's inventions and pursuits, they constitute the foundations on which the brand's collections are built.

# 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, turn the crown when it is in its winding position 1. You should wear your watch continuously to ensure the automatic movement fully replenishes the power reserve.



Note: stop immediately when you feel winding resistance; the movement is fully wound.

## SETTING

Your Globetrotter shows hours and minutes with two hands pointing to Roman numerals. World time indication is displayed on the 24-hour ring with cities around the hemisphere. The Earth dome completes one rotation every 24 hours.

To determine the world time, draw a straight line from the central jewel (on the upper bridge crossing the dome) to a city and the 24-hour ring.

The minute hand indicates both local and GMT time.

The three-dimensional bridge separates the hours of the day (above the bridge) from the hours of the night (below the bridge) of the 24 hours.



## Time:

To synchronise the time zone on the dome with the local time indicated by the hours and minutes hands.

1. Pull the crown to position 3 and turn it clockwise or anticlockwise until the chosen region on Earth is at your desired time. Both Earth's dome and hands turn. The world time indication is set.



2. Push back the crown to position 2 and turn it clockwise or anticlockwise until your desired local time hour.



Note: Remember to push the crown back into position 1 once you have set the time. This will ensure that your watch remains water-resistant.

# MOVEMENT

Your Globetrotter is equipped with the A&S6122 self-winding calibre. It indicates local time with the hours and minutes hands and world time on the 24-hour disc.

## **Technical characteristics:**

- Calibre : A&S6122, self-winding movement
- Functions: hours, minutes, world time
- Jewels : 29
- Diameter : 33.00 mm
- Thickness : 6.74mm
- Power reserve : 55 hours
- Frequency : 4Hz (28,800 vibrations per hour)
- Adjusted to five positions



## WATER-RESISTANCE

Your watch is guaranteed to be water-resistant to 3 ATM. This means that its ability to withstand pressure when immersed at a depth of 30 metres has been verified. Leather straps are not suitable for water sports.

If your watch comes into contact with seawater, clean it thoroughly using fresh water and a little soap, rinse it, and then dry it 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 strongly recommend having 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, which 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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