



HAUTE HORLOGERIE FRANÇAISE DE PRÉCISION
DEPUIS 1785

INSTRUCTIONS
FOR USING

OSMIOR
AUTOMATIC
TOURBILLON
REGULATOR

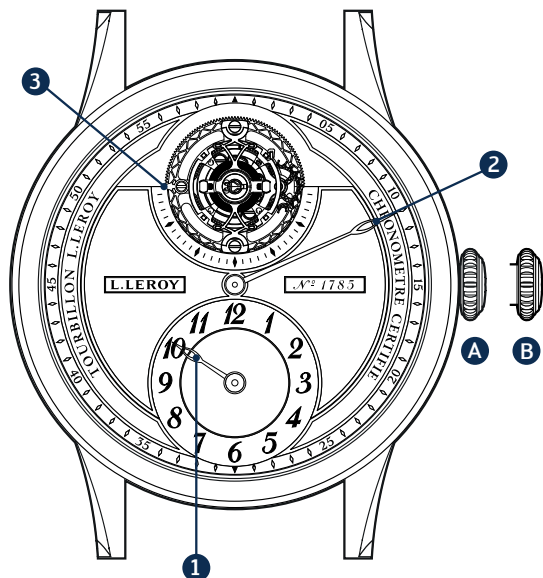
INSTRUCTIONS FOR USING YOUR L.LEROY OSMIOR AUTOMATIC TOURBILLON REGULATOR

The automatic tourbillon regulator model in the Osmior line is an exclusive creation from the company's watchmakers who drew their inspiration from the exceptional timepieces in the brand's private museum.

For almost a century and a half, L.Leroy has specialised in the production of watches known as "Grandes Complications" and is one of the few historical brands to offer models fitted with a tourbillon. The first tourbillon escapement system was patented by Abraham-Louis Breguet in 1801. It compensated for most of the variations in rate that occur in the vertical positions, caused by the effect of the Earth's gravity. It is one of the most ingenious mechanical inventions in watchmaking history but is also one of the most difficult to produce.

Specifically developed by L.Leroy, this model contains an ultra modern version of the tourbillon system with an escapement (wheel and lever) machined from pure diamond. This reduces the weight of the mechanism and increases its hardness. As a result, the high performance and chronometric stability of the watch can be guaranteed longer than is possible with a classic system.

This movement (calibre) is produced exclusively for L.Leroy by its Manufacture de la Vallée de Joux, in the heart of the Jura mountains of Switzerland. Each part of the movement is then assembled, regulated and finished in Besançon, France, by the master watchmakers of Les Ateliers L.Leroy.



Technical features of movement L512

- Thickness, oscillating weight included: 4.90 mm
- Casing diameter: 28.20 mm
- Total diameter: 28.80 mm
- Frequency: 28,800 vibrations/hour (4 Hz)
- Number of jewels: 23
- Power reserve when fully wound: more than 52 hours
- Automatic winding with central oscillating weight in 22 carat gold
- Flying tourbillon:
 - Variable inertia balance with gold regulating screws
 - "KIF" shock protection system for the balance
 - Diamond escapement, Strutech® blank, without lubrication
 - Fine regulation device
 - Double balance-spring

Description of the watch

The watch displays:

- Hours (hand fixed to the disc at 6 o'clock)
- Minutes (central hand)
- Seconds (arrow on tourbillon cage at 12 o'clock)

Water-resistance

Watch water-resistant to a depth of 50 metres (5 ATM)

Diagram of watch displays

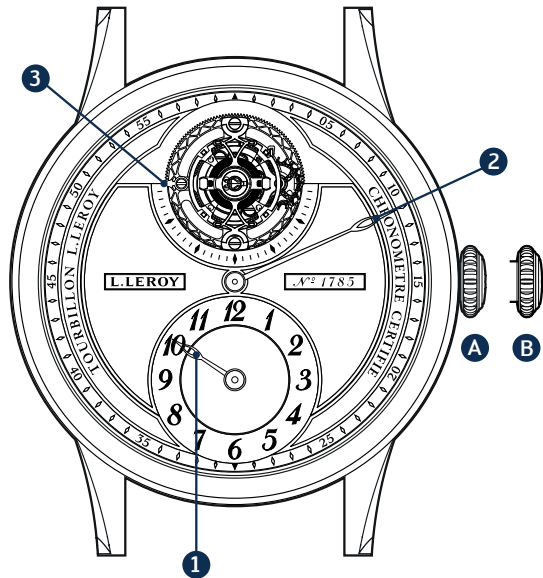
- 1 Hour hand
- 2 Minute hand
- 3 Second hand (arrow)

Your watch is fitted with a 2-position crown:

- A Crown in position for manually winding the movement
- B Crown in position for setting the time

OFFICIAL CHRONOMETER CERTIFICATION

Each L.Leroy Osmior automatic tourbillon regulator undergoes a series of final checks at the National Observatory in Besançon. Your watch is then individually certified as a chronometer, according to the ISO standards in operation. (Refer to the certificate that comes with your watch as a proof of its official approval).



FUNCTIONS AND SETTINGS

Setting the time

Pull the crown out to position (B). You can now safely change the time by turning the crown in either direction. After setting, push the crown back to position (A).

Winding the watch

If your watch has stopped, you can restart it by simply turning the crown a few times in position (A). It will then be wound by your natural movements (which cause the oscillating weight to rotate).