



ARNOLD & SON

1764

Instruction Booklet
PERPETUAL MOON

A&S1612



PERPETUAL MOON

Thank you for choosing Arnold & Son, we are proud to have you as Owner of the Perpetual Moon.

Arnold & Son has an ancient, long-standing relationship with the moon. Guided by the life of John Arnold and the mark he made in the Royal Navy during the 18th century, the House has frequently endeavoured to depict the age of the moon as accurately and as beautifully as possible. By showcasing one of the largest moons to be found in the watchmaking world, Perpetual Moon stands out for the aesthetic approach employed.

As for each Arnold & Son's timepiece, Perpetual Moon was born in our Manufacture of La Chaux-de-Fonds (Switzerland). Designed, produced, and assembled by our skilful designers, engineers, and watchmakers.

I. Operation

Displays

Your watch indicates hours and minutes with its two central hands.

Perpetual moon

The moon is displayed in a big opening running from 10 to 2 o'clock.

The moon phase indication is highly accurate, with only one day deviation every 122 years if your watch is kept constantly wound.

One orbit of the moon round the Earth takes on average 29 days or to be precise: 29 days, 12 hours, 44 minutes, and 2.9 seconds.

Lunar phases are the result of looking at the illuminated half of the moon as it orbits the Earth. There are 8 key stages of the moon during its revolution.



- | | |
|--------------------|--------------------|
| 1. New moon | 5. Full moon |
| 2. Waxing crescent | 6. Waning gibbous |
| 3. First quarter | 7. Third quarter |
| 4. Waxing gibbous | 8. Waning crescent |

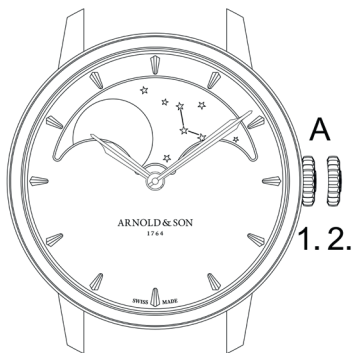
Winding

The movement can be wound by turning the crown “A” when it is in its winding position 1.

We suggest that you wind your watch every 90 hours at the latest to provide it with the power it requires to operate for the next 90 hours. This is how you will keep your watch in a state of constant and accurate operation.

If your watch has stopped, you will need to wind the crown “A” approximately 40 times to wind it up fully.

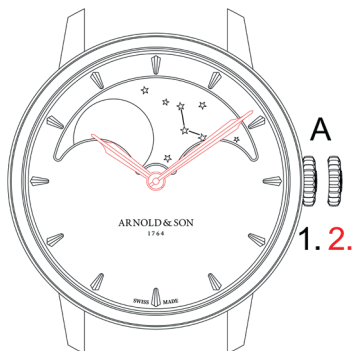
Note: as soon as you feel resistance to winding stop immediately; the movement is fully wound.



Setting

Time

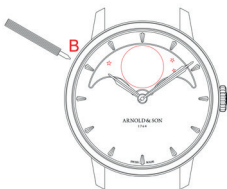
To set the time (hour and minute hands), pull the crown "A" to position 2 and turn it in a clockwise or anticlockwise direction.



Note: do not forget to push the crown "A" back to its winding position 1 when you have set it, to guarantee the water-resistance of your watch.

Perpetual Moon

The moon phases indication can be corrected without interfering with the time display. A special tool is provided with the watch to push on the corrector “B” located at 10 o'clock.



To set the moon:

1. Based on a moon phases calendar, choose the last full or new moon that is the closest to the current date.
2. Push the corrector “B” to position the moon on your dial in full moon position (moon centered at 12 o'clock) or in new moon position (moon hidden at 9 and 3 o'clock).
3. Push the corrector “B” once for each day between the date of the last full or new moon and the current date.

We recommend using only the special tool provided with your watch to push on the corrector “B”.

Note: you can change the moon phases indication at any time without risk of damaging your movement.

II. Technical characteristics

Movement

Equipped with the A&S1612 hand-winding calibre, your watch indicates hours, minutes and astronomical moon phases.

Decorated in accordance with the codes of Swiss high-quality watchmaking, the movement is palladium-plated and finely decorated.

With a fine control system, your movement has been set by one of our watchmakers in 5 positions to make it operate with optimum accuracy.

Technical characteristics

- Calibre : A&S 1612, mechanical with manual winding
- Functions : hours, minutes and astronomical moon phases
- Jewels : 24
- Diameter : 30.00 mm
- Thickness : 4.95 mm
- Power reserve : 90 hours
- Frequency : 3Hz (21 600 vibrations/h)

Water-resistance

Your watch is guaranteed to be water-resistant to 3 ATM. This means that it has been verified at a pressure equivalent to immersion at 30 metres. It has been designed to be water-resistant for swimming only and should not be used for deep-sea diving, diving or sports that have a high risk of major shocks, such as windsurfing or water-skiing. Leather straps are not suitable for water sports.

If any use in sea water, clean your watch properly in fresh water and a little soap, rinse it and dry it with a soft cloth.

The water-resistance of your watch can, moreover, be affected by shocks (falls, etc.) or aggressive substances (acids, perfumes, cosmetics, liquid metals, etc.). We therefore recommend that you have the water-resistance of your watch verified once a year, or after it has been subject to a shock, to guarantee its original water-resistance properties.

If water penetrates within the case, or if you notice any sign of humidity, please take your watch to a certified Arnold & Son sales or after-sales partner without delay.

III. Maintenance

Your watch has a mechanical movement which requires cares and adequate maintenance. It should be kept from violent shocks.

The movement in your watch must be serviced at regular intervals because oils change viscosity over time, and this impedes its smooth operation and speeds 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 guarantee its smooth operation. Only authorized service centres are recognized for servicing your watch.



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