CONCORD

AUTOMATIC PERPETUAL CALENDAR CHRONOGRAPH

INSTRUCTION MANUAL

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TABLE OF LANGUAGES

YOU HAVE JUST ACQUIRED A UNIQUE TIMEPIECE...

The Perpetual Calendar Chronograph that you have just acquired is a masterpiece of precision micro-mechanics. It is the result of the passionate work of master watchmaker and, for this reason, is reserved for enthusiasts of crafted watchmaking. We congratulate you for being one of them.

Read these few pages carefully, they include precious information about the use and service for your Perpetual Calendar Chronograph. We hope you will derive as much pleasure from your new watch as we did from its manufacture.

A BRIEF HISTORY OF A GREAT COMPLICATION

The perpetual date mechanism was first introduced in the early 18th century. The mechanical reflection of the year as it passes; it takes into account the variable number of days of the months in ordinary and leap years. A watch with perpetual calendar therefore avoids its owner having to correct the date manually… until 2100, a non-leap year. Up until the Middle Ages, the calendar referred to the moon. But the lunar year was shorter by ten days that the earth's rotation around the sun. There were unending discrepancies. In 1582, Pope Gregory XIII instituted the "Gregorian" calendar and deleted, that same year, ten whole days: the day after 4 October was therefore the 15th. Further, to eliminate any additional risk of discrepancy, he extended August by one day, taken from February and decided that in centenary years (1600, 1700, etc.), those that are divisible by 400 would be leap years. Since then, highly complex mechanisms have been created, but up until this day, none has been able to extend the perpetual nature of their mechanism beyond the non-leap year centenary years. As the next is 2100, even watches with a perpetual calendar will have to be adjusted to delete 29 February. Despite this "defect", the perpetual calendar is still one of the watchmaker's finest achievements.

CARE AND MAINTENANCE

Your Concord timepiece requires periodic maintenance to ensure optimal performance.

Never open the watch yourself. Have your watch repaired promptly if the crystal becomes loose, chipped or cracked, or if there is damage to the case or crown. If your watch needs repair or adjustment, take or mail it directly to a Concord Authorized Service Center or refer to our website

www.concord.ch

NOTE: Concord assumes responsibility only for service performed at its Authorized Service Centers. Please refer to our website www.concord.ch for the list of Authorized Service Centers.

We recommend you rinse your watch and its metal bracelet or rubber strap carefully with clear water and clean them with a soft brush. Such steps, if carried out regularly, will help preserve the watch and prevent it from getting clogged with dust and sweat, especially after a swim in a pool or in the sea or after practicing a sport which involves exposure to dust and sand.

All Concord watches have shock-resistant movements, individually tested to meet international standards.

The exposure of a timepiece to strong magnetic fields will affect its time-keeping, and may cause it to stop. Following such exposure, a mechanical timepiece may require demagnetization before it will run again.

The water-resistance of your Concord wristwatch has been tested in conditions corresponding to submersion in water at the depth that is engraved on the case back.

If the temperature changes suddenly, a slight condensation may appear under the crystal of your watch. This mist will disappear by itself and will not affect the functioning of the watch. If the condensation persists, please see your official Concord dealer.

IMPORTANT: Do not adjust the position of the crown to change the time, date or to operate any other functions when the watch is immersed in water or water could seep into the case and damage the movement.

CAUTION: Concord will NOT be responsible for any damage originating from improper handling of the watch.

WARRANTY

All Concord watches are covered by an international warranty against any manufacturing defect (with the exception of rubber or leather straps or surface treatments including DLC or PVD). The Concord international warranty will be honored by all Concord Authorized Service Centers and is valid for a period of 3 years from the date the watch is purchased from an authorized Concord retailer.

This international warranty shall only be valid if the watch has been purchased from a retailer approved by Concord or an authorized Concord distributor, whose name, address and signature must appear on the warranty card along with the date of purchase, the model of the watch and its serial number.

This warranty card must be presented with the watch at an official Concord Service Center or Concord dealer for all in-warranty servicing. Any work performed on a Concord watch by an unauthorized person or entity, or any alteration to the serial number engraved on the watch shall automatically render this international warranty null and void.

All Concord watches are accompanied with directions for use including recommendations for care and maintenance that should be respected. The Concord international warranty does not cover damage resulting from improper use or mistreatment of the watch.

The terms of this international warranty do not in any way restrict or otherwise affect any possible statutory rights to which the consumer may be entitled by law in the state or country of purchase.

OPERATING INSTRUCTIONS
FITTED WITH THE CALIBER 288

AUTOMATIC PERPETUAL CALENDAR CHRONOGRAPH

The highly sophisticated Caliber 288 is endowed with the four traditional perpetual calendar counters. The high precision astronomical moon phase offers a degree of accuracy far superior to that of a traditional moon-phase display, clocking up a one-day difference only once in 122 years compared with just over 2 1/2 years for a standard version.

Four correctors along the case sides serve to adjust the perpetual calendar functions, and can be handled by means of a special stylus provided in the dedicated presentation box.

Functions	Display	• Hours • Minutes • Small seconds and 7-day counter at 9 o'clock • Chronograph hour and astronomical moon counter at 6 o'clock • Chronograph minute and 31 day counter at 3 o'clock • 48 months and year at 12 o'clock • Chronograph seconds in the center
	Chronograph	Shuttle chronograph mechanism
	Date Module	Perpetual calendar Semi-instantaneous action date Fast date correction

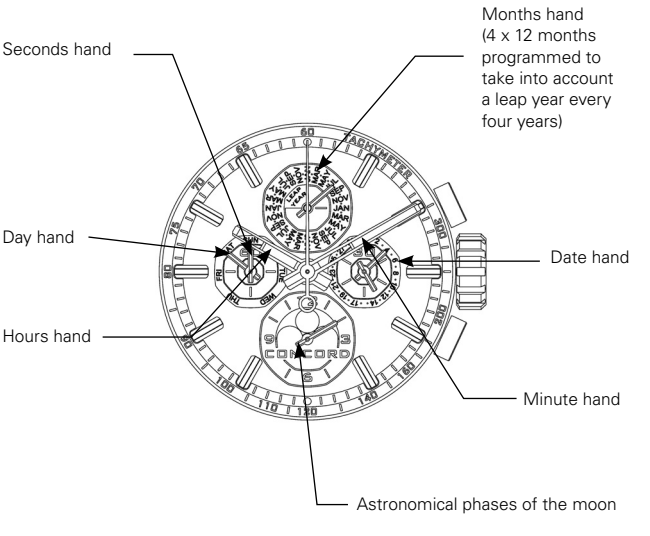
Components	Jewels	26 rubies and 1 zirconia
	Number of components	436
Dimensions	Diameter	31 mm
	Thickness	8 mm
	Frequency	28,800 vibrations per hour (4 Hz)
	Inertia of the balance	10 mg.cm2
	Winding	Automatic, Bidirectional Rotor on ball bearing
	Power reserve	Minimum 48 hours

GENERAL INFORMATION

Your Perpetual Calendar Chronograph has an automatic mechanical movement. This type of winding mechanism is based on a combination of the dynamics of your movement with the earth's gravity to wind your watch without any direct input.

Nonetheless, after a period of non-use, your watch can also be wound manually.

WATCH FUNCTIONS

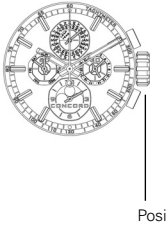


MANUAL WINDING

Crown in position **A.**

If the watch has not been worn for several days, wind it up manually with 20 careful clockwise turns of the crown.

Once you have done so, the watch will wind itself up automatically with your wrist movements.

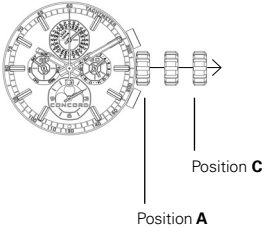


SETTING THE TIME

Pull the crown out to position **C**.

Turn the hands clockwise until the date changes (midnight). Continue to turn the hands until the right time is reached, then, in synchronization with a time signal or against a reference clock, push the crown back to position **A**.

Important: If you attempt to set the time while the watch's chronograph is running, the chronograph's minutes hand will move as you set the time and this will distort the chronograph's minute count.



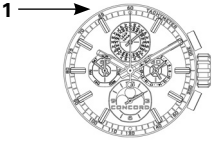
SETTING THE CALENDAR

Use the corrector stylus that comes with your Perpetual Calendar Chronograph to press the hidden buttons (**1, 2, 3** and **4**) as required.

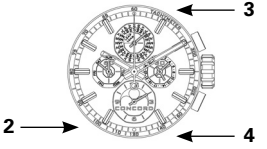
Important: never carry out the following adjustments between 6.00 pm and 3.00 am, as you risk permanently damaging certain parts of the mechanism.

DATE CORRECTION

Using the corrector stylus, correct the date by successively pressing on button **1** until the correct date is shown. You will note that this corrector also changes the day hand.



corrector stylus



CORRECTING THE DAY

Use the day corrector stylus **2** in the same way until the correct day of the week is shown.

CORRECTING THE MONTH

Press the month corrector **3** until the correct month is shown, taking into account the leap year indicated on the 4th quarter of the month register.

CORRECTION THE ASTRONOMICAL PHASE OF THE MOON

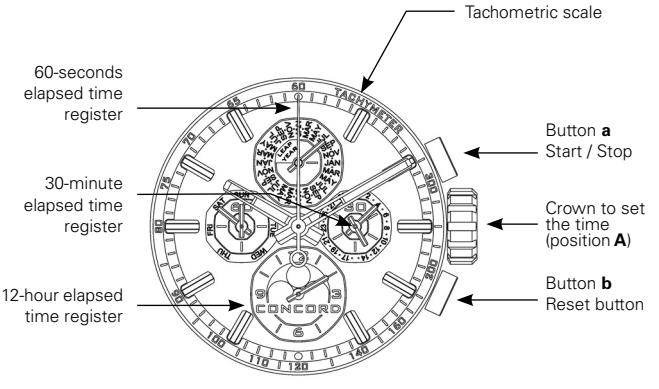
Press the astronomical phases of the moon button **4** until the full moon is indicated. Using a phases of the moon chart (see following page), calculate the number of days that have elapsed since the last full moon. Multiply this number by two (two presses = 24 h) then press the corrector that same number of times.

PHASES OF THE MOON

FULL MOON

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	16	14	16	15	14	13	12	10	9	8	6	6
2015	5	3	5	4	4	2	2/31	29	28	27	25	25
2016	24	22	23	22	21	20	19	18	16	16	14	14
2017	12	11	12	11	10	9	9	7	6	5	4	3
2018	2/31		2/31	30	29	28	27	26	25	24	23	22
2019	21	19	21	19	18	17	16	15	14	13	12	12
2020	10	9	9	8	7	5	5	3	2	1/31	30	30
2021	28	27	28	27	26	24	24	22	20	20	19	19
2022	17	16	18	16	16	14	13	12	10	9	8	8

CHRONOGRAPH FUNCTIONS

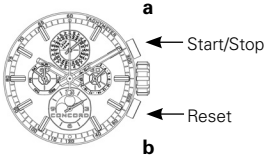


USING THE CHRONOGRAPH

Start / Stop / Reset Mode

Used for timing the duration of an uninterrupted event.

Before performing resetting always be sure to first press button **a** to stop the timer. Otherwise, you could damage the mechanism.



Start / Stop / Start... Final Stop Mode

Used for a succession of partial events forming part of a whole, e.g., timing a football game, and stopping the timer whenever the ball is out of play.