

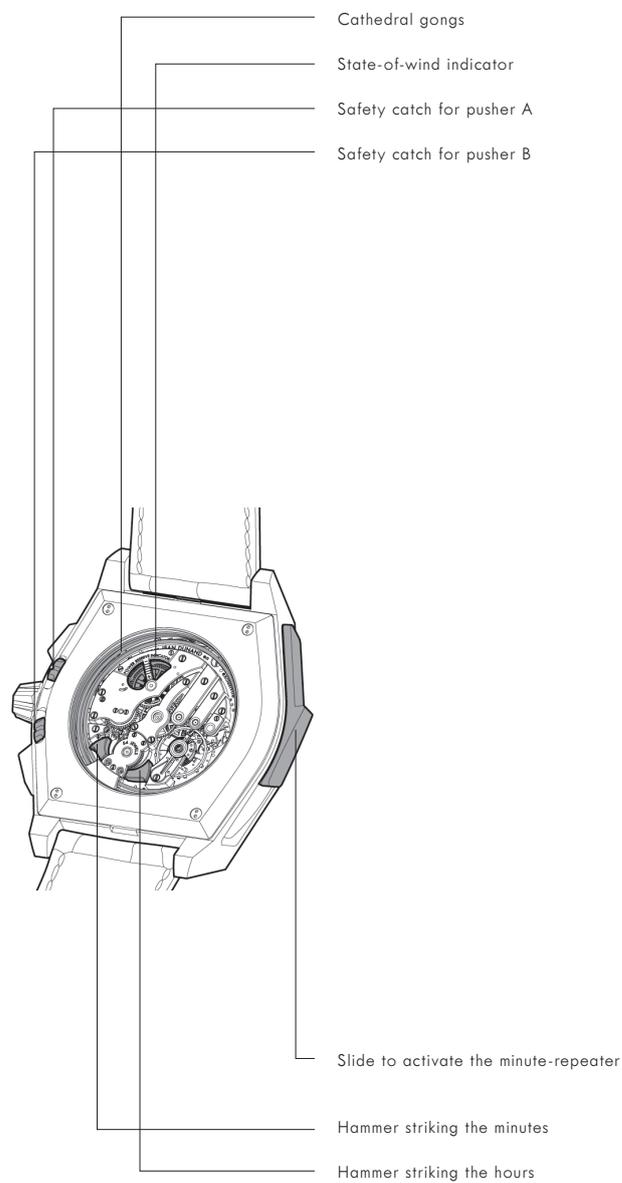
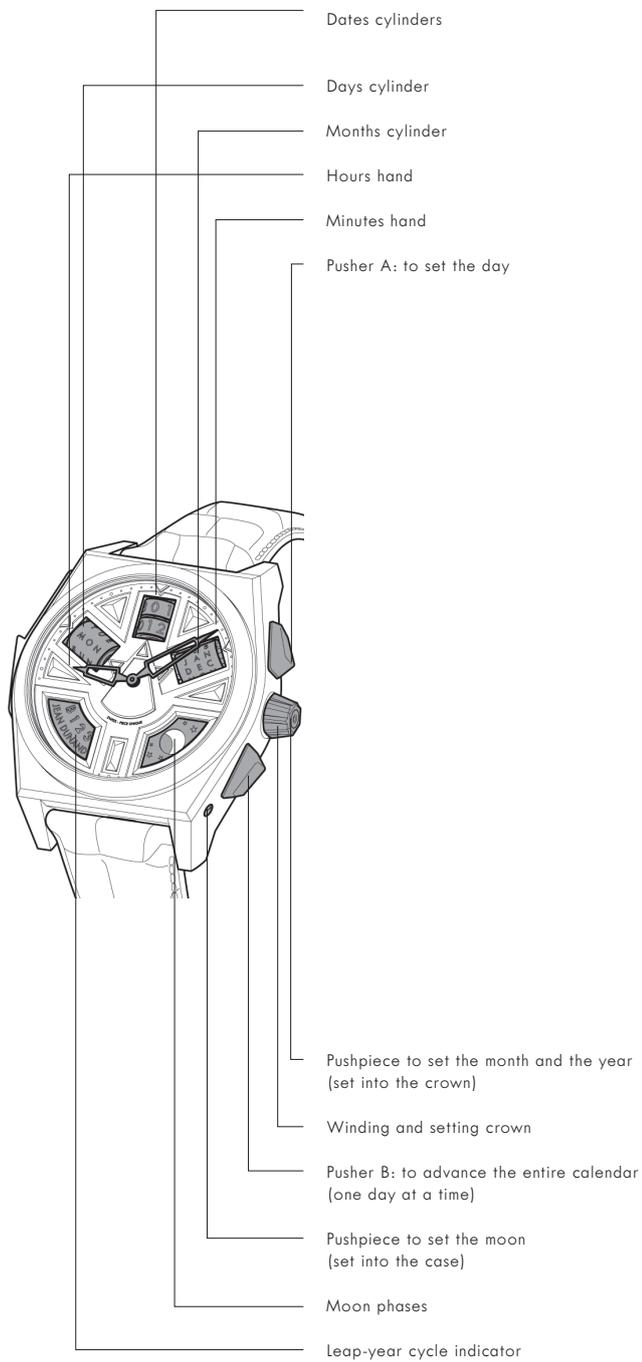


JEAN DUNAND

PIECES UNIQUES

SHABAKA

CALIBRE CLA88QPRM BY CHRISTOPHE CLARET  
OWNER'S MANUAL





## 1. WINDING

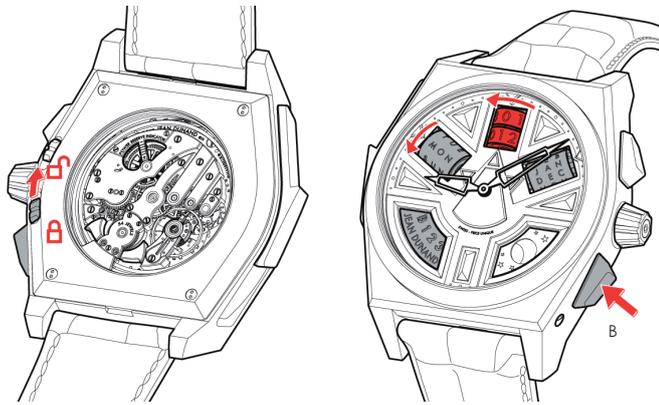
Your Shabaka watch has a manually wound movement. Wind the watch by turning the crown forward. The winding mechanism is disengaged if the crown is turned back. **Stop winding if you feel any resistance, this is the sign that your watch is fully wound.**

When it is fully wound, your watch will have a power-reserve of approximately 45 hours. If you are not wearing your watch, you can keep it wound by connecting it to the electric winding motor in its presentation case. See page 7 for instructions.



## 2. SETTING THE TIME

**Warning!** Do not change the time on your watch while the minute-repeater is chiming. Doing so will damage the movement. To set the time, pull out the crown to the time-setting position. Turn the crown **backward only** to advance the hands. First, set your watch to the morning or the afternoon (a.m. or p.m.) by advancing the hands past 12 o'clock. If the date changes, the hands have passed midnight and the time shown is a.m. If the date does not change, the hands have passed noon and the time shown is p.m. Advance the hands to the correct time in the morning or the afternoon. Then, push the crown back against the case when you have finished setting the time. If necessary, reset the date by using the pushers described in section 3.



### 3. SETTING THE PERPETUAL CALENDAR

#### 3.1 SETTING THE DATE

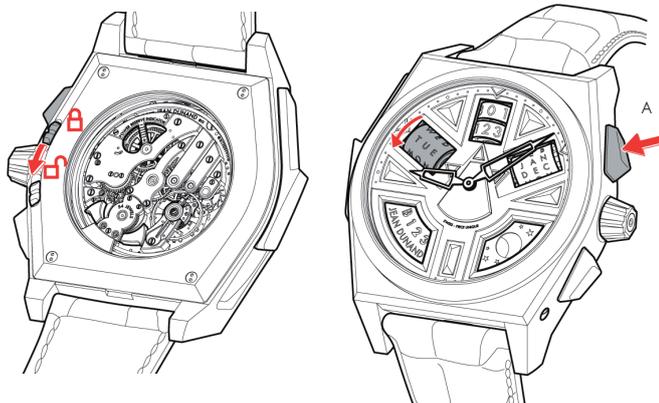
Start by **unlocking** pusher B by opening its safety catch  beneath the watch. Press pusher B to advance the calendar a day at a time until the correct date is shown (ignore the fact that the days cylinder is turning during this operation). After setting the date, lock pusher B by closing its safety catch . If the day or month does not correspond to the date, they can be set separately by following the instructions 3.2 and 3.3.

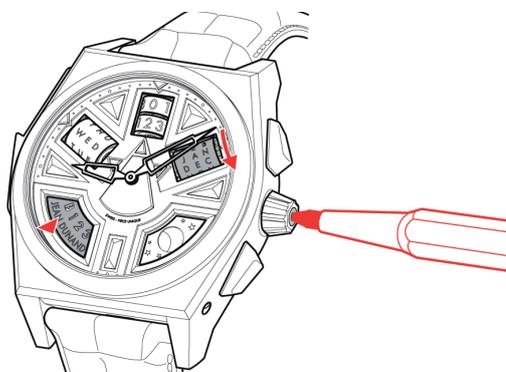
You will be unable to set the date to the 31<sup>st</sup> of the month unless the month shown on the watch has 31 days. In that case, set the correct month first, according to the instructions 3.3; then set the date. The moon phase is set independently of the date (see section 3.4).

#### 3.2 SETTING THE DAY

**Unlock** pusher A by opening its safety catch  beneath the watch. Press pusher A to advance the days cylinder a day at a time until the correct day appears. Then, lock pusher A after use by closing its safety catch .

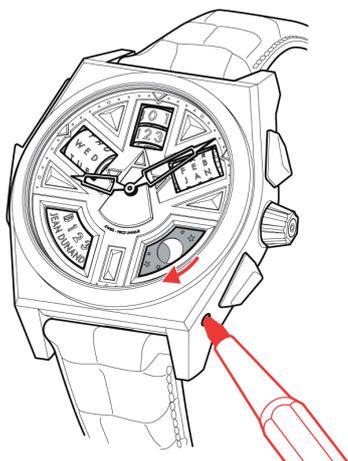
**Warning!** Pressing pushers A and B when they are locked may damage your watch.





Leap years: Every four years, an extra day (February 29) is added to the year to make up for the fact that the annual orbit of the earth (the tropical year) takes about 365¼ days. Leap years, with 366 days, are generally divisible by four. Thus 2008, 2012, 2016, 2020, etc. are leap years.

Indications corresponding to the leap-year cycle



### 3.3 SETTING THE MONTH AND THE YEAR

First, determine the status of the year in the leap-year cycle (leap year or the 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> year). Use the stylus provided in the presentation case to press the pushpiece set into the crown of the watch. This advances the months as well as the year indicator when the months pass December. If necessary, press the pushpiece until the year indicator changes to the correct year in the leap-year cycle: B (leap year/bissextile), 1, 2 or 3. Then continue to press the push-piece until the right month appears.

The calendar is now set to indicate February 29 every leap year.

**Caution!** If you go too far and pass the desired month, you will have to press the push-piece up to 47 times to advance through the four-year cycle to the right month and year.

### 3.4 SETTING THE MOON PHASE

First, consult a calendar or almanac to determine the number of days since the last full moon. Using the stylus provided in the presentation case, press on the push-piece as indicated to advance the moon until it appears full in its aperture. Continue to press the pushpiece once for each day since the last full moon in the calendar. Your watch is now set to show the changing phases of the real moon.



#### 4. STATE-OF-WIND INDICATOR

The mainspring, visible in its barrel through the back of the watch, shows if your watch needs winding.

When your watch is fully wound, the mainspring appears tight around the center of the barrel.



As the spring unwinds, it comes against the rim of the barrel, indicating that the power reserve is low.



The gong for the minutes and the gong for the hours



The minutes hammer and the hours hammer

#### 5. MINUTE-REPEATER

The minute-repeater strikes the hours, quarters (15mins) and minutes on demand. Two hammers each strike a corresponding gong to produce two different notes for the hours and minutes. The two gongs, consisting of tuned rods coiled twice around the movement, are known as “cathedral gongs”.

One hammer strikes deep notes for the hours. 

The other hammer strikes high notes for the minutes. 

The hammers strike a high and a deep note in quick succession for each quarter. 

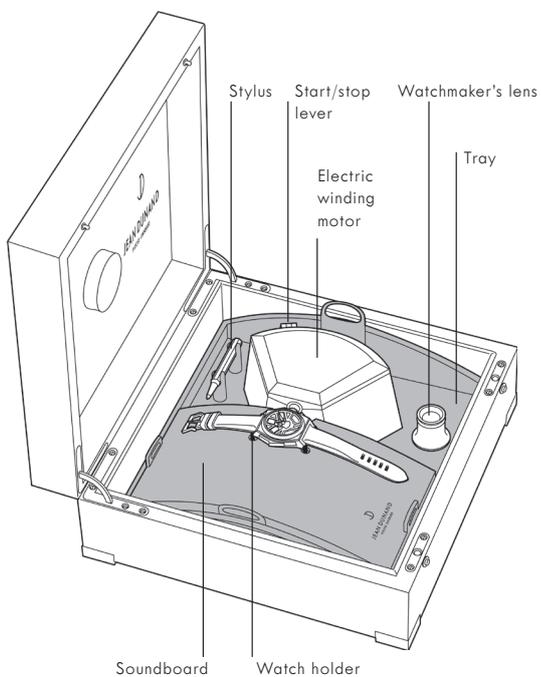
Example: the chiming sequence at 05:18

The hours hammer strikes five deep notes; both hammers then produce a double strike (high note, deep note) for the quarter; finally, the minutes gong strikes three times to indicate the number of minutes since the quarter.



To activate the minute-repeater, push the repeater slide down carefully until it stops, and then release it immediately. It is important to push the slide the full length of its travel so as to wind the repeating mechanism fully. An all-or-nothing device prevents the repeater chiming unless it is fully wound.

**Warning!** Do not set the time while the minute-repeater is chiming. Doing so will damage your watch.



## PRESENTATION CASE WITH ELECTRIC WINDER AND SOUNDBOARD

The presentation case of your watch is fitted with a tray in Macassar ebony holding a winding motor designed **to be used only with the Jean Dunand Shabaka watch** (calibre CLA88QPRM).

A soundboard crafted from spruce according to violin-making techniques is also fixed on the tray to provide a natural amplifier for the chime of the minute-repeater. With the watch held securely in its mounting, you can activate the minute-repeater to appreciate fully the sound of its strike. You will also find a stylus to press the push-pieces that set the months and moon phases, as well as a lens with which to examine the intricacies of the mechanisms. The tray and its contents can be removed gently from the case.

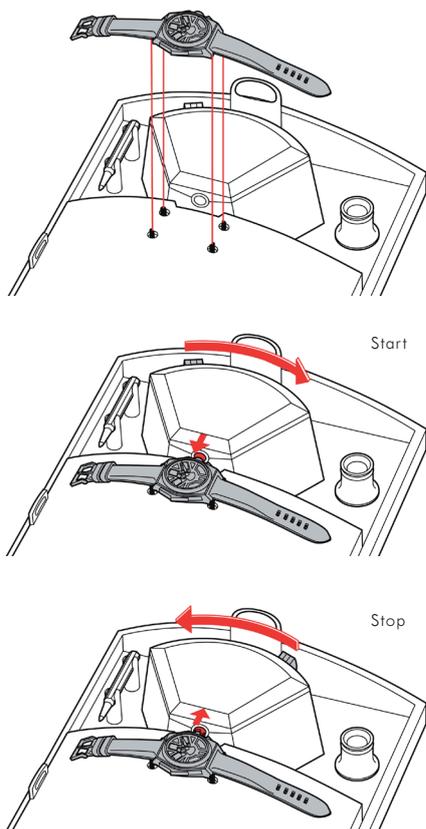
**Warning!** Only use the winding motor for your Jean Dunand Shabaka model. It will damage the movement of any other watch.

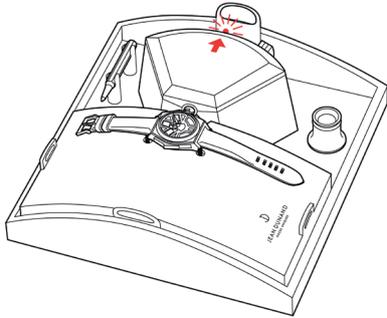
## FITTING THE WATCH TO THE WINDING SYSTEM

First check that the crown is in the winding position, pushed against the case. Place the watch carefully between the four pegs that hold it in place, with the crown facing the winding motor.

## WINDING SYSTEM OPERATION

Start winding by pushing the start/stop lever clockwise as far as it will go. The winding mechanism engages with the winding crown on the watch. The motor checks the contact with a back and forth movement and then proceeds to wind the watch fully. Without any further intervention, the motor rewinds the watch fully every 10 hours. This means that the watch will always have a minimum of about 35 hours power reserve, with its full power reserve being about 45 hours. To switch off the winding operation, move the lever back to the Stop position.





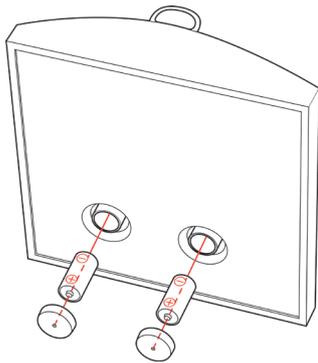
#### REMOVING THE WATCH

**Warning!** To remove your watch from the winder, move the lever to the Stop position and ensure that the mechanism is disengaged from the winding crown.

If you want your watch to be fully wound before removing it, shift the lever to Stop and then to Start. It will then take about 30 seconds to wind your watch fully. Don't forget to move the lever to Stop before attempting to remove your watch.

#### WINDING SYSTEM BATTERIES

The winding motor is powered by **two 1.5V LR14 batteries (Type C)**. They last for about a year. When their power is low, a light comes on above the Start/Stop lever at the back of the winding motor. The batteries should then be replaced as soon as possible and within a month. Therefore, it is important to check the batteries every month.



#### CHANGING THE WINDING SYSTEM BATTERIES

**Warning!** Remove your watch from the soundboard before changing the batteries. Place the tray on its end to access its underside. Unscrew the two caps of the battery housings. Replace the used batteries, making sure that the new batteries are inserted the correct way with the + against the caps. Screw back the caps and lay the tray flat.

#### TAKING CARE OF YOUR WATCH

The Shabaka watch is designed for daily wear and to run continuously. **However, it is not suitable for any activity that might subject it to violent shocks.** Like any high-precision machinery, the movement of the watch needs regular cleaning, oiling and adjusting. We recommend you have it serviced every three years to ensure its indefinite operation and lasting value.

The Shabaka watch can only be serviced or repaired in the workshops of Christophe Claret SA. Intervention on the watch by any other person will invalidate Jean Dunand's guarantee.

If your watch needs service or repair, please return it to the authorized retailer where you bought it or to WPW S.A. in Geneva, with its valid warranty certificate. If you send your watch by post or courier, please ensure it is securely packaged, fully insured, and accompanied by its warranty certificate.