



GUINAND
FLIEGERUHREN
FRANKFURT AM MAIN

Manual Valjoux 775X & 776X

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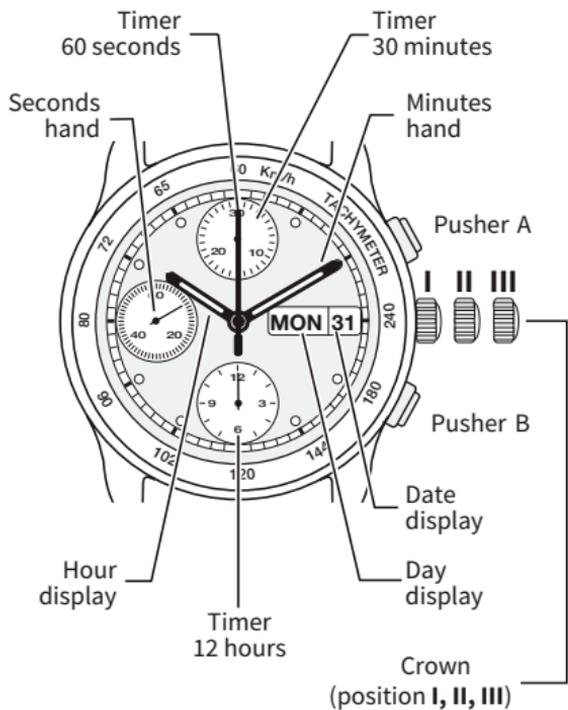
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1. INTRO

In 1865, the Guinand company was founded in Switzerland. Since this time, we have been continuously manufacturing high-quality mechanical watches. Our customers have always been professional users from the navy and aviation industries who have to be able to rely on our watches in the air, on the water and on the land. In the 1960s, Guinand commenced its cooperation with Frankfurt-based watch pioneer Helmut Sinn – many of the watches sold under his name were manufactured by Guinand. In the mid-1990s, Helmut Sinn took over the shares of Guinand S.A. from the Guinand family, and moved Guinand to Frankfurt am Main. Since this time, Guinand has been a German watch brand with Swiss roots. Our watches combine the tradition of Swiss watch craftsmanship with the design principles of German pilot watches. Precision mechanics meet functional design.

On this note, we hope you enjoy your Guinand watch!

2. CHRONOGRAPH SUMMARY



3. WINDING

Winding the watch (crown position I)

The watch features a screwed crown (crown position 0). You loosen the crown by turning it anti-clockwise. You wind the movement by turning the crown clockwise. Normally, about 40 crown rotations are enough to do this. **For a non-screwed crown there is no crown position 0.**

Worn daily, the watch's automatic (for automatic movements) is then self-winding under normal conditions. The power reserve enables you to take off the watch overnight without having to rewind it. For manual winding movements daily winding is recommended, ideally always at the same time each day.

4. SETTING

You can stop the movement in crown position III. This helps to set the watch right down to the second. To make sure that the date changes at midnight instead of midday, turn the hands forwards until the date changes once. Then set the time.

We recommend turning the hands past the desired minute position and then setting the watch by turning them back. The movement is activated once the watch is no longer at crown position III.

Fast correction of the date (crown position II)

Please do not perform this correction between 10:00 pm and 2:00 am! Turn the crown to position II, and turn it clockwise until the current date appears in the date window. Please do not use the date setting between 10:00 pm and 2:00 am. During this time the gear wheels to change the date can be found in the depthing. Consequently, the movement could be damaged.

Alternative for watches with weekday display

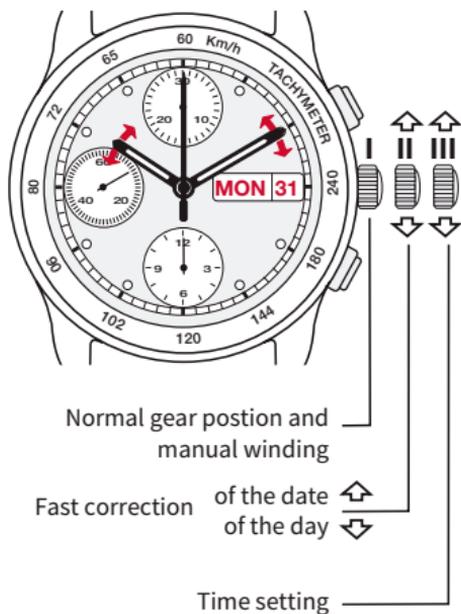
Fast correction of the date and weekday (crown position II)

Please do not perform this correction between 10:00 pm and 2:00 am! The crown position II is used for fast correction of the date and weekday. To change the date, turn the crown to position II, and turn it clockwise until the current date appears in the date window.

To change the weekday, turn the crown anti-clockwise until the current weekday appears in the weekday window. Please do not use this setting between 10:00 pm and 2:00 am. During this time the gear wheels to change the weekday can be found in the depthing. Consequently, the movement could be damaged.

Please carefully retighten the crown after the corrections.

The fast correction of date and time is not available between 10:00 pm and 2:00 am

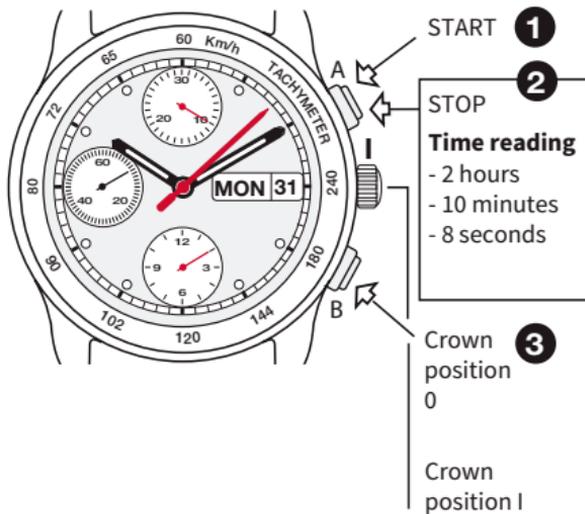


5. CHRONOGRAPH TIME MEASUREMENT

The chronograph (stopwatch function) is operated with the two pushers “A” and “B”. Pusher “A” begins the measurement when you first push it. When you push it a second time, this stops the measurement. When you push pusher “A” again, this continues the measurement. This enables you to add up times. Pusher “B” resets the stopwatch.

6. LEFT-HANDED WATCHES

Please note that with left-handed watches, i.e. models where the pusher and crown are on the left side of the case, the stopwatch and wind/date and weekday setting functions are on the opposite side.



1 to **3** order of functions

7. FUNCTIONS

Rotating bezel

The aluminium pilot bezel of a Guinand watch can be rotated in both directions. Pilots who operate aircraft under Visual Flight Rules can use the additional minute scale as a navigation aid: on take-off the minute hand is set with the flyback function (permanent zero setting) so that the bezel counts the flight minutes. If, for example, the planned route includes certain landmarks after 15 minutes of change of direction, you can watch on the bezel when it is time to keep a lookout for the respective landmark. A chronograph cannot effectively perform this function as the mostly small minute totaliser is much harder to read than the central hand of a pilot watch. This stopwatch function of up to 60 minutes also makes sense for non-aviation applications, and two things can be timed parallel to each other with the use of the chronograph mechanism.

Tachymeter (tachometer)

You can use the tachymeter scale to directly read average speeds between 60 (37 mph) and several hundred kmph. To define the average speed with the tachymeter scale, first use the chronograph to measure the time it takes to travel 1 km (0.6 miles). The value displayed by the central stop-second hand on the tachymeter scale provides the distance that you travel in 1 hour. (Example: 30 seconds is 120 kmph/74.6 mph)

8. WATER RESISTANCE

To ensure the water resistance lasts as long as possible, you should rinse the watch if it comes into contact with seawater, chemicals or similar substances. The watch is resistant to high mechanical stress and is shock proof. At the same time, however, constant mechanical stress such as impacts and vibrations increases its wear and tear. Consequently, you should protect the watch from unnecessary stress. It takes about eight weeks of operation until a definite statement can be made about the

watch's accuracy as the mechanism is wearing in during this time, and in addition each person has different wearing habits.

To protect the movement from moisture, please make sure that the winding crown is always completely pushed against the case flank, and is also completely screwed in if there is a screwed crown. Water or moisture damage resulting from improper use of the watch shall not be covered by the purchase guarantee. If you wear your watch for water sports or other activities in which it is frequently exposed to water and moisture, you should have an annual inspection performed on your watch's water resistance.

Condensation under your watch's crystal is a sign that your watch is no longer water resistant. In this case, please contact Guinand customer service as soon as possible.

9. TIPS

Accuracy

Our watchmakers adjust mechanical watches for accuracy between about 0/+10 seconds per day. The accuracy is highly dependent on the individual habits of the wearer and can thus vary. Please contact Guinand customer service to have your watch adjusted.

Magnetism

Do not expose your watch to any strong magnetic fields. This could cause your watch to stop or run fast. However, magnetism does not typically cause any lasting or irreversible damage to the movement. In most cases, it is enough to demagnetise the timepiece to restore its normal speed.

If you notice that your watch may have stopped or is running fast, it could have been accidentally magnetised. In this case, bring it to Guinand so we can demagnetise it.

Chemicals

Wherever possible, avoid direct contact with products such as lubricants or industrial and household detergents such as cosmetics and perfumes. These could damage the seals and change the appearance of the straps and case.

Temperature

Do not expose your watch to any extreme temperatures (above 60 °C/140 °F or below 0 °C/32 °F). This could impair the liquidity/viscosity of the lubricants. Extreme temperature fluctuations cause watches to react with accuracy fluctuations. Wherever possible, avoid this.

Impacts in conjunction with some sports and at work:

We recommend you not wear your watch for sports such as tennis, golf or mountain biking to protect the watch from impacts that could damage the movement. Strong vibrations and impacts can also occur during the use of drills, rotary hammer drills or grinders. We recommend you not wear your watch when working with these machines.

10. CARE AND MAINTENANCE

Cleaning the case

You can clean a water resistant model with a damp cloth. Please make sure you use a soft and clean cloth to avoid scratches on the case. Gaps can be cleaned with a cotton bud if necessary. Please avoid aggressive cleaning, polishing or scouring agents. It is possible that a watch that is no longer water resistant will display this when you immerse it in water and/or clean it with washing-up liquid, etc.

Maintenance intervals

To ensure that your Guinand watch maintains its expected precision even after decades of use, like all fine mechanisms, it needs a minimum of care. Consequently, we recommend that every four to five years you take your watch to be professionally serviced by Guinand/Frankfurt am Main, Germany. Even if you do not constantly wear your Guinand watch, the oils and lubricants used can evaporate or lose some of their lubrication

properties. In this case, this could impair the accuracy of the watch. That is why we recommend having your watch regularly serviced every four to five years.

Care of the straps

LEATHER STRAP

The durability of leather straps depends on how often they are worn and under what conditions. To ensure you can enjoy your leather strap for as long as possible, we recommend you avoid contact with water, oily or acidic substances or cosmetics. Furthermore, you should not expose the strap to UV rays for a long period of time. Otherwise, this could change the colour of the strap. We advise against the use of leather care products for cleaning or polishing a leather strap. As a leather strap is exposed to more external friction in summer, we recommend temporarily replacing it with a rubber strap or a metal strap if one is available to match your watch model.

Important: If you want to switch out a strap, we recommend you contact an expert with experience in this. Improperly switched out straps can become loose during use, which may result in your watch falling off or you losing it. Every time the strap is switched out, you should always switch out the spring bars for new, high-quality spring bars that match your watch model.

RUBBER STRAP

The durability of a rubber strap depends on how and how often it is worn. To ensure you can enjoy your rubber strap for as long as possible, we recommend you avoid contact with oily or acidic substances or cosmetics. Furthermore, you should not expose the strap to heat or UV rays for a long period of time. Particularly UV rays can impair the condition of the material. A natural rubber strap can be kept in a good condition if it is simply washed with soapy water and then rinsed with soft (not hard) water.

STAINLESS STEEL STRAP

With the exception of an occasionally light brushing (ideally at the end of the summer), a metal strap does not need any particular care. Use a soft brush (e.g. a soft toothbrush) to remove all dust particles and grains of sand that may be found in the links of the strap.

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