

**OPERATING MANUAL
& WARRANTY**

AUTOMATIC MOVEMENT
AM-4705

ALEXANDRE
MEERSON

**"DISCRETION, PERFORMANCE
AND ART IN DETAIL."**

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INTRODUCTION

Thank you for choosing your ALEXANDRE MEERSON timepiece; the result of a lifetime's journey seeking the perfect balance between horology and style. We share with you our passion for the work of the true artisan craftsmen involved in assembling, finishing and inspecting each component by hand.

We wish you infinite pleasure as your journey with your new companion unfolds.

We greatly enjoy hearing from our customers, and would welcome the chance to discover more about your experience or answer any questions you may have. You can reach us by email at concierge@meerson.com.

INSTRUCTIONS FOR USE

Using your watch

The crown is used to manually wind and to set the time and date on your watch. Note that the D15 Mk-1 GMT is equipped with a screwed-down crown, which is further detailed in the instructions below. Please remember to remove your watch before winding or setting, and ensure the crown is always returned to the fully closed and screwed down position (position 1; see figure 1, page 18) before wearing it. We advise that you rewind it manually if it has not been worn for a few days.

The screwed-down crown

The crown of the D15 Mk-1 GMT is specially designed to enhance the water resistance and durability of your watch by screwing in tight to the case when not in use for winding or setting the time. To open, turn the crown anti-clockwise approximately two and a half full rotations until there is a click and the crown pops out. It is now in the winding position (position 2; see figure 1, page 18). Once opened, the crown can be used to wind the watch and set the time as detailed below. To close, start from the winding position (position 2; see figure 1, page 18). Push the crown in to the case until it stops; while holding it pushed in, turn the crown clockwise approximately two and half full rotations until finger tight. Do not over tighten. The crown should only be opened to wind the watch or set the time; otherwise the crown should always be maintained in the fully closed screwed down position.

Note: do not open the crown when in a wet or humid environment, or while under water. The water resistance rating is only ensured when the crown is in its fully closed and screwed down position (position 1).

Winding

Your timepiece is powered by a self-winding movement. A weighted rotor on the back of the movement stores the energy generated by the actions of your wrist in the movement's mainspring. Approximately 12 hours of wear will fully wind the spring, though this will vary depending on your level of activity. The fully wound watch has a power reserve of approximately 50 hours and will continue to run for up to this duration when not worn.

If the power reserve is fully depleted and the watch stops, it can be reactivated by hand with approximately 30 clockwise turns of the crown from the winding position (position 2; see figure 1, page 18). This serves to restart the mechanism; however, note that the number of turns required to fully wind the watch varies by the function of the calibre. Please also note that the crown will not lock while winding, even when the watch is fully wound. The watch can be manually wound by turning the crown clockwise while it is in the winding position, but should not be worn while doing so because the winding action in this position may put uneven pressure on the stem and could damage it over time.

Reading the time

The D15 Mk-1 GMT displays time for two time zones, as well as date and time of day or night for the 'local' time zone (see hand identification on page 19, figure 2). Local time is read on the 12 hour indices with the local hour hand and minute hand. The date and time of day or night are also shown for local time via the date hand at 6 o'clock and the day/night hand at 9 o'clock. A second time zone, or 'home' time, is displayed by the 24hr hand, with minutes read on the minute hand. Note that the second time zone shares the minute hand with the local time zone, requiring time zones displayed to be multiples of full hours apart. The 24hr hand cannot display a time zone that is at a half or quarter-hour deviation.

Setting your watch

The AM-4705 is equipped with hacking seconds, which means the second hand halts when the crown is in the setting position (position 3; see figure 1, page 18). This allows the time to be set accurately down to the second.

Fully setting the time and date

When fully setting the time and date, note that first the local and home time zone clocks are set to the same time zone, which should be the desired time zone for home time. The local clock is then set to the appropriate local time zone using the forward or reverse time zone correction pushers as detailed below.

To fully set the time, begin by first opening and then pulling the crown out to the setting position (position 3; see figure 1, page 18). Then, by turning the crown anticlockwise, move the hands forwards (clockwise) to position the 24hr hand (see hand 4, figure 2, page 19) at 02:00 on the 24hr scale (read on the outer edge of the dial). Press the forward time zone correction pusher (see pusher A, figure 2, page 19) until the date indication moves forward by one day, shown by the date hand at 6 o'clock (see hand 6, figure 2, page 19). The watch will now be indicating midnight for local time. Press the forward time zone correction pusher twice more to position the local hour hand at 02:00 on the 12hr scale. Now both the local time zone and second time zone will be indicating 02:00. Press the date correction button (see button C, figure 2, page 19) until the desired date is shown by the date hand. Then, by turning the crown anticlockwise (still in the setting position), move the hands forwards (clockwise) first to a few minutes

past and then back to the desired time for the second time zone (24hr hand), which will ensure accurate adjustment.

If you wish to set the local time to a different time zone, do this now by using the forward or reverse time zone correction pushers (see pushers A and B, figure 2, page 19). Press the forward time zone correction pusher to indicate a positive time difference (one press corresponds to a forward shift of one hour), or press the reverse time zone correction pusher to indicate a negative time difference (one press corresponds to a backward shift of one hour). Continue to press the relevant pusher until the desired local time is displayed.

Push the crown back into the winding position to restart the movement. When finished with all winding and setting, screw the crown back into the fully closed position (see page 15 for instructions). Note that we do not advise setting the time between the hours of 23:00 and 24:00; during this period the date is being advanced in the mechanism and any adjustment may result in the date failing to change the following day (though this will not damage the movement).

Setting the local time zone only

If you have travelled to a new time zone and merely need to change the hours displayed on the local time zone clock, this can be done at any time by using the forward or reverse time zone correction pushers (see pushers A and B, figure 2, page 19). Press the forward time zone correction pusher to indicate a positive time difference (one press corresponds to a forward shift of one hour), or press the reverse time zone correction pusher to indicate a negative time difference (one press corresponds to a backward shift of one hour). Continue to press the relevant pusher until the desired local time is displayed. Note that the date and day/night indicators will follow corrections to the local time zone (the date will change if when correcting the time zone you pass through midnight). It is not necessary to remove the watch from your wrist to operate the pushers.

If a small adjustment is needed to the minutes hand, such as after travelling to a half or quarter hour deviation time zone, the minute hand can be corrected without having to fully set the watch. Open and then pull the crown out to the setting position (position 3; see figure 1, page 18). Then, by turning the crown anticlockwise, move the hands forwards first to a few minutes past and then back to the desired time, which will ensure accurate adjustment. Push the crown back into the winding position and then finish by screwing the crown back into the fully

closed position (see page 14 for instructions).

We do not advise adjusting the time zone if the local time on your watch is currently showing a time between the hours of 23:00 and 24:00; during this period the date is being advanced in the mechanism and any adjustment may result in the date failing to change the following day (though this will not damage the movement).

Correcting the date only

The AM-4705 operates a monthly calendar. If a month has less than 31 days, the date must be manually set on the first day of the following month. This occurs 5 times in a calendar year, on the 1st of March, May, July, October and December.

The date can be quickly corrected without adjusting the time by pressing the date correction button (see button C, figure 2, page 19) until the desired date is shown by the date hand.

If a time change is also required, see instructions above for either fully setting the time or for adjusting the local time zone only.

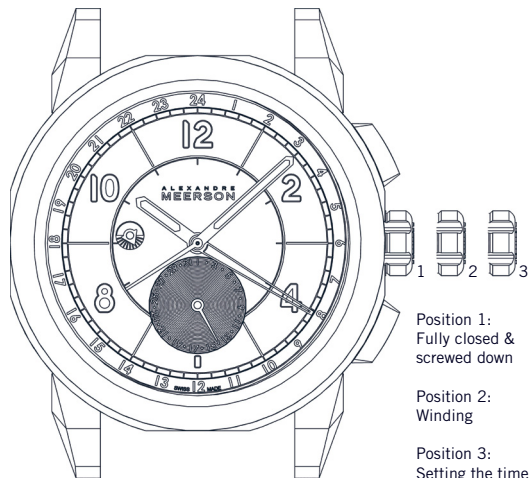
We do not advise adjusting the date if the local time on your watch is currently showing a time between the hours of 23:00 and 24:00; during this period the date is being advanced in the mechanism and any adjustment may result in the date failing to change the following day (though this will not damage the movement).

Care while winding and setting

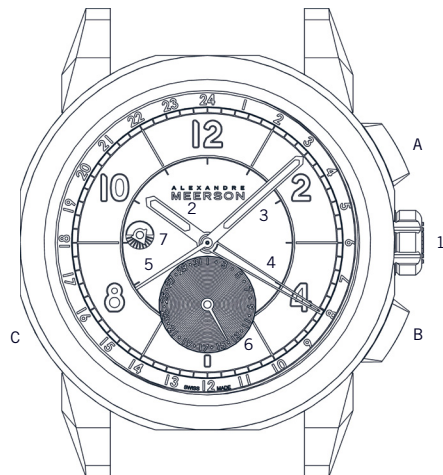
Remove the watch from your wrist before winding or setting it. This prevents any damage that may arise from lateral pressure on the winding stem. For the same reason, ensure the crown is always in the fully closed screwed down position (position 1; see figure 1, page 18) while wearing it.

Do not open the crown when in a wet or humid environment, or while under water. The water resistance rating is only ensured when the crown is in its fully closed and screwed down position (position 1). We also advise against operating the pushers or date correction button in wet conditions.

**FIGURE 1: D15 Mk-1 GMT (AM-4705)
CROWN POSITIONS**

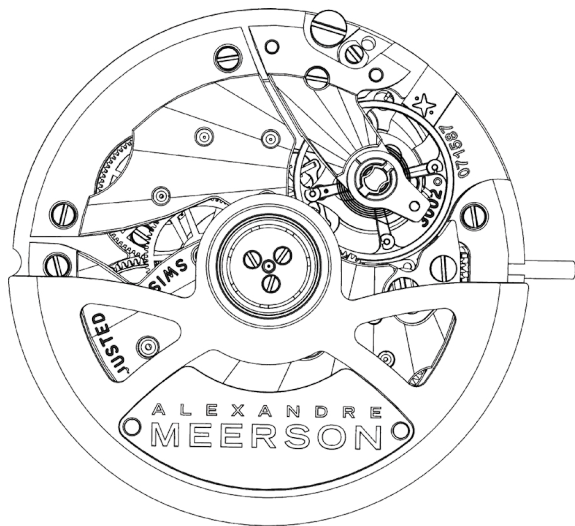


**FIGURE 2: D15 Mk-1 GMT (AM-4705)
IDENTIFICATION OF PARTS**



- A: Forward time zone correction pusher
- B: Reverse time zone correction pusher
- C: Date correction button
- 1: Crown
- 2: 'Local' hour hand, 12hr clock
- 3: Minute hand
- 4: 'Home' hour hand, 24hr clock
- 5: Second hand
- 6: Date hand
- 7: Day/night hand

TECHNICAL SPECIFICATIONS OF THE AM-4705



Diameter: 25.60mm, 11½ lignes

Height: 4.95mm

Number of parts: 189

Number of jewels: 28

Winding rotor: Central rotor

Power reserve: approximately 50 hours

Antishock: Incabloc®

Balance: Glucydur®

Frequency: 4 Hz (28,800 bph)

Chronometry: Automatic, two barrels in series

Decoration:

- Bridges finished with Côtes de Genève
- Circular graining on the main plate and gear wheels
- Diamond machined chamfers and bevels
- Flat polished screws

Movement variations:

AM-4705

Hours, 24h, minutes, central seconds, date, day/night

ACCURACY

The accuracy of a movement is largely determined by the oscillation frequency the balance and the precision in the construction of the mechanism. The balance in the AM-4705 oscillates at a rate of 28,800 vibrations per hour; this high frequency minimises the effect of the natural motions of the wearer on the mechanism, which maintains a high level of accuracy in timekeeping. In addition, our movements are all assembled by hand to ensure the highest quality construction. For further information on the technical specifications and manufacturing processes of our watches, please refer to www.meerson.com.

If you notice significant irregularities in the timekeeping of your watch, please take it to an authorised ALEXANDRE MEERSON Retailer or approved Service Centre. Our partners will make a full assessment, which will allow us to diagnose any issue. We will discuss our findings with you and, if necessary, your watch will be sent to our workshop in Switzerland for adjustment or repair to ensure it meets our exacting standards of accuracy.

WATER RESISTANCE

Your watch is fitted with seals to protect the movement against dust and moisture, and is rated in atmospheres according to the level of seal. This is determined by laboratory tests, and cannot be equated to diving depth. ALEXANDRE MEERSON timepieces vary in water resistance; please refer to the back of the case for the rating of your watch.

Note that the water resistance rating is only ensured when the crown is in its fully closed and screwed down position (position 1).

To ensure that your watch is functioning at its best, we advise that you have it checked by an approved Service Centre each year. Additionally, we recommend that it is checked following exposure to temperature extremes or other harsh conditions. ALEXANDRE MEERSON accepts no liability or warranty claims for improper testing or if the case of your watch is opened by unauthorised persons.

MEERSON models with the AM-4705 movement

Model	Water Resistance	Suitability
D15 Mk-1 GMT	10 atm / 100m	Everyday use; rain, splashing, accidental submersion, bathing, leisure swimming and snorkelling in calm waters. Not for use in diving or in rigorous or high speed water sports such as but not limited to sport swimming, waterskiing, kite surfing or similar.

To ensure its robustness, we design and test the water resistance of each ALEXANDRE MEERSON watch to be significantly above its official rating; however, please note that your watch is only guaranteed to the rating listed on the back of the case. Please see www.meerson.com/water-resistance for detailed recommendations for use with regards to the water resistance rating of your watch.

Leather straps

We source high quality skins for our leather straps, which are crafted by skilled artisans. While great care is taken in their construction, the material is natural and is expected to age. To avoid discolouration and premature aging of the leather, we advise that you avoid direct contact with water, solvents, oils, creams and cosmetics where possible.

SERVICE

Though ALEXANDRE MEERSON watches are manufactured from the highest quality materials and constructed with utmost care, the components experience a variety of stresses and strains in normal use and are subject to natural wear and tear.

These effects can be mitigated by regular maintenance, and we therefore recommend servicing your watch every three to five years. When serviced, the mechanism will be cleaned and lubricated, worn parts replaced and all functions and seals tested. This process ensures the longevity of your timepiece.

We strongly suggest that servicing is done by an approved Service Centre or through an authorised ALEXANDRE MEERSON Retailer; note that servicing done by an outside party may void the International Warranty of your watch.

Servicing will take 4-6 weeks from the date we receive your watch. If your watch requires repairs above and beyond the normal servicing procedures and you would like us to fully restore it, we will first issue a quote for the additional work. The quote must be accepted or rejected within one month. Note that an assessment fee will be charged, even if the quote is rejected. After acceptance, servicing and repairs will take 4-6 weeks. Following service or repair, we guarantee the technical functioning of your watch for one year.

A list of authorised Retailers and Service Centres can be found at www.meerson.com/warranty-and-service/service.

INTERNATIONAL WARRANTY

All ALEXANDRE MEERSON watches have an individual identifier called the Watch Edition Number, which is both engraved on the case back and listed on the warranty card you receive with your watch. This unique reference is registered in our archives where we record your ownership of the watch and the full details pertaining to its manufacture and history.

The warranty card both guarantees the authenticity of your watch and activates the warranty. It is only valid if it is signed, stamped and dated by the authorised ALEXANDRE MEERSON Retailer from whom it was purchased. This card is unique and should be kept in a safe place; duplicates cannot be issued.

The warranty covers your watch for a period of two years from the date of purchase. This is extended to three years when you register as part of the ALEXANDRE MEERSON Owners Club, which can be done by phone or online at www.meerson.com/owners.

The warranty covers all manufacturing faults and material defects, which must be confirmed by an ALEXANDRE MEERSON-approved Service Centre. Such defects will be repaired free of charge within the warranty period, by the same process

and to the timelines detailed in the SERVICE section of this manual. Any claim on the warranty must be made through one of our authorised Retailers or Service Centres, and you must present your warranty card in order to do so. The International Warranty allows you to take your timepiece to any approved ALEXANDRE MEERSON Retailer or Service Centre to initiate a claim. You may also send in your timepiece to make a claim, but you must first contact our office to make arrangements; shipping costs will be reimbursed if a defect is confirmed and covered by the warranty. ALEXANDRE MEERSON accepts responsibility for your timepiece while it is in our possession for evaluation or repair.

The warranty does not cover the following:

- Wear and tear that arises from everyday use
- Theft, loss or the consequences of extraordinary situations such as a natural disaster
- Accidental damage such as knocks, dents or cracks
- Damage due to misuse such as exposing a watch to wet conditions in excess of the recommendations for its water resistance or other wise failing to observe the operating instructions provided
- Leather straps
- Damage due to servicing or alterations undertaken by non-authorised persons

Actions taken under the terms of this warranty do not extend it or change its conditions. The warranty does not affect or supersede the legal consumer rights and privileges in the country in which the watch is purchased. The ALEXANDRE MEERSON warranty is independent of any warranty that may be provided by the Retailer from which the watch is purchased. The Retailer carries sole responsibility for any such warranty.

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