



SCHWARZ ETIENNE

EN MOUVEMENT DEPUIS 1902



USER MANUAL



SAATCHI & SAATCHI

SAATCHI APZ ETIENNI

SWISS MADE

SWISS MADE



SAATCHI & SAATCHI

SAATCHI APZ ETIENNI

SWISS MADE

SWISS MADE

USER MANUAL

2	GENERAL INFORMATION
6	TSE MOVEMENT
8	MSE MOVEMENT
11	ASE MOVEMENT
14	PRECAUTIONS
16	INTERNATIONAL GUARANTEE

CONGRATULATIONS!

You have recently acquired a SCHWARZ ETIENNE watch. Please accept our sincere appreciation for this vote of confidence: we hope that you will treasure your new timepiece for many years to come.

Your watch is an original SCHWARZ ETIENNE creation crafted according to the most stringent standards of accuracy and quality. Each and every SCHWARZ ETIENNE watch carries an individual identification number, enabling its source and authenticity to be established.

Our craft unites a host of skills, from perfect mastery of traditional watchmaking techniques to embracing sophisticated, new technologies. Our status as an eminent manufacturer, developed over decades, has enabled SCHWARZ ETIENNE to be considered among the most eminent names in the industry.

SCHWARZ ETIENNE, A RESPONSIBLE BRAND

Transparency, respect for human dignity and for workers' rights, consideration for the individual and their family life, sensitivity to protecting the environment are all basic principles of SCHWARZ ETIENNE's everyday philosophy. The organisation of our entire production and sales chain is based on these core values – suppliers, watchmakers, importers, retailers and service providers must continually evolve in an environment where ethics is a responsibility taken very seriously.

USE

WINDING (ALL MODELS)

Winding your watch, which according to the model may be manual or automatic, stores up the energy it needs to function properly.

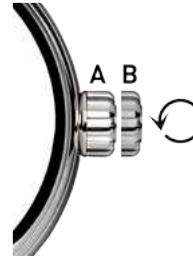
STANDARD AND SCREW-IN CROWNS

Standard crowns, which are fitted on most SCHWARZ ETIENNE models, can be operated directly. Conversely, screw-in crowns must be unscrewed before any operation, such as when setting the time.

The procedure is as follows:

1. Unscrew the crown (counter clockwise)
2. Make the appropriate change
3. Once the change has been made, push the crown back in against the case. Screw it in clockwise while holding it against the case to ensure that your watch remains completely water-resistant

NB: After any setting, always return the crown to its initial position to preserve your watch's water resistance and prevent any damage to the mechanism.



AUTOMATIC WINDING WATCHES

An automatic winding mechanical watch accumulates its energy thanks to an oscillating weight which is activated by movements of your wrist. Consequently, it does not need to be wound. Wearing a watch of this sort every day (for at least 14 hours) is normally sufficient to provide the power reserve necessary for it to fully function. The watch only needs to be wound manually if it has not been worn for some time (over two days), or if it has stopped due to lack of activity. In this case, make at least 20 turns of the crown to properly arm the mechanism.

MANUAL WINDING WATCHES

A manual winding mechanical watch needs to be wound every three days. Although the movements used by SCHWARZ ETIENNE have a minimum power reserve of around 4 days (minimum 96 hours), winding the watch every three days guarantees optimal performance.

POWER RESERVE INDICATOR

Certain models have their power reserve indicated via a hand which moves within the curved sector. The hand is at the "maximum" position when the watch is fully wound.



WINDING

With the crown in the rest position against the case, turn it clockwise.

On a manual winding watch, stop winding as soon as the resistance increases. **Never force the crown, as this could damage the movement.**

On an automatic winding watch, the winding does not reach a stop. A few turns of the crown are sufficient to restart it.



MANUAL TOURBILLON MOVEMENT, MANUFACTURED BY SCHWARZ ETIENNE

TSE MOVEMENT – TOURBILLON SCHWARZ ETIENNE

This high-end tourbillon movement launched in 2013 is entirely manufactured by SCHWARZ ETIENNE, in partnership with Chronode SA. The TSE movement combines technical virtuosity and aesthetic fineness.

Technical virtuosity

The tourbillon has been created to eliminate errors of rate in vertical positions.

It consists of a mobile cage carrying all the parts of the escapement, with the balance located in the centre. The escape-pinion turns around the fixed wheel. The cage makes one revolution per minute, thus annulling errors of rate in the vertical positions.

This delicate, complex mechanism is one of the most ingenious mechanical watchmaking devices; admired by all lovers of fine watchmaking. It is for this very reason that Schwarz Etienne has proposed its own tourbillon movement.

Refinement

In addition to its technical qualities, the TSE is admired for its aesthetic refinement, faithful to the traditional watchmaking spirit: a bridge cage especially developed for SCHWARZ ETIENNE, with the SE logo in its center, straight Côtes de Genève decorated bridges, polished angles, or gold rimmed wheels.



MAIN TECHNICAL FEATURES

Manual winding
23 rubies
153 components, including 57 components for the tourbillon cage
Autonomy of 2.5 days

Designed to integrate any complication module

Display

Hours, minutes centred
Tourbillon 1 revolution/min

TSE MANUFACTURING MODELS

MANUAL TOURBILLON MOVEMENT MANUFACTURED BY SCHWARZ ETIENNE

Adjustments for TSE 100.00 version (hours, minutes)

With 2 crown positions

1. Manual winding
2. Time setting (stop second)



SETTING THE TIME

The time is set by means of the crown.

The procedure is as follows:

1. Pull the crown out by one notch (position B)
2. Turn it clockwise to bring up the desired time
3. Push the crown back in against the case once the date has been set (position A)
The watch will restart instantly

NB: On a manual winding watch, stop winding as soon as the resistance increases.
Never force the crown, as this could damage the movement.

MANUAL MOVEMENT WITH DOUBLE BARRELS, MANUFACTURED BY SCHWARZ ETIENNE

MSE MOVEMENT – MANUAL SCHWARZ ETIENNE



This high-end manual movement launched in 2013 is entirely manufactured by SCHWARZ ETIENNE. 95%* of its components are conceived in SCHWARZ ETIENNE's workshops, based in La Chaux-de-Fonds. This movement combines power, modularity and aesthetic fineness.

Power

The innovative point of the MSE conception, entirely conceived and developed by SCHWARZ ETIENNE, is a mechanism with two barrels coupled in parallel. That exclusive construction allows distributing exceptional power of 1.55 μw at the escapement of each additional module.

This ambitious construction has successfully faced stringent technical challenges: inertia of 16 $\text{mg}\cdot\text{cm}^2$ and power reserve of 4 days.

This movement has already been through numerous wear and solidity tests and has achieved brilliant results. Its power and robustness guarantee the indispensable qualities present in any high-end movement: reliability, durability and precision.

Modularity

Like other SCHWARZ ETIENNE creations, the development of the MSE movement is based on the concepts of modularity and rationalization. This innovative and patented construction is made of one common plate and one interchanging part

that can fit either a module with an additional barrel linked in parallel (MSE movement) or a micro rotor module (ASE movement).

Moreover, the MSE has been designed to integrate complication modules conceived by SCHWARZ ETIENNE's technical office. The second time zone indication (GMT) and the power reserve indicator (PRI) are even included in the volume of the original basic movement. Furthermore, the power reserve display can be positioned at 09:00 or 01:30.

This modular philosophy allows anticipating future declinations of the movement to respond to high-end market requirements and satisfy the demands of customers. It combines reactivity, flexibility and competitiveness.

Refinement

Beyond its technical prowess, the MSE is admired for its aesthetic refinement, faithful to the traditional watchmaking spirit: the balance specially developed for SCHWARZ ETIENNE, with or without its symbolic SE logo in the centre, straight Côtes de Genève decorated bridges, polished angles, or gold rimmed wheels.

** Except for the sliding pinion, winding pinion and assortment, all the parts of the movement are produced in SCHWARZ ETIENNE's workshops.*



MAIN TECHNICAL FEATURES

Manual winding

Double barrels coupled in parallel

230 components, including 38 rubies
(depending on assembly)

Stop second timer

Modular and evolutionary construction
with common base

Autonomy of four (4) days

Designed to integrate any complication module

Display

Hours, minutes centred

Small second at 6 o'clock (optional)

Power reserve indication

(PRI) at 9 o'clock or 1:30 (optional),

120° hand display

Second time zone indication (GMT) in the

centre (optional), correction with winding stem



MSE MANUFACTURING MODELS

MANUAL MOVEMENT WITH DOUBLE BARRELS, MANUFACTURED BY SCHWARZ ETIENNE

Adjustments for MSE 100.00 and MSE 111.00 versions

By operating the two-positioned stem

1. Manual winding
2. Time setting (stop second)



SETTING THE TIME

The time is set by means of the crown.

The procedure is as follows:

1. Pull the crown out by one notch (position B)

Note: If your watch has a second hand, it stops when the crown is in position to set the time.

2. Turn it clockwise to bring up the desired time
3. Push the crown back in against the case once the date has been set (position A). The watch will restart instantly

Note: On a manual winding watch, stop winding as soon as the resistance increases. **Never force the crown, as this could damage the movement.**

AUTOMATIC MOVEMENT WITH DECENTRED MICRO ROTOR, MANUFACTURED BY SCHWARZ ETIENNE

ASE MOVEMENT – AUTOMATIC SCHWARZ ETIENNE

This high-end automatic movement launched in 2013 is entirely manufactured by SCHWARZ ETIENNE. 95%* of its components are conceived in our workshops, based in La Chaux-de-Fonds. This movement combines reliability, modularity and aesthetic fineness.

Reliability

The innovative point of the ASE conception, entirely conceived and developed by SCHWARZ ETIENNE, is a decentred micro rotor mechanism. In tandem, another exclusive innovation is the oscillating weight which is fixed by a clever self-blocking key.

This ambitious design has successfully overcome stringent technical challenges: a micro rotor winding curve similar, if not better, than the standard centred rotor, an inertia of 8 mg.cm² and power reserve superior to 4 days.

This movement has already been through many wear and solidity tests and has achieved brilliant results. Its robustness and efficiency guarantee the indispensable qualities present in any high-end movement: reliability, durability and precision.

** Except for the sliding pinion, winding pinion and assortment, all the parts of the movement are produced in SCHWARZ ETIENNE's workshops.*

Modularity

Like other SCHWARZ ETIENNE creations, the development of the ASE movement is based on the concepts of modularity and rationalization.

This innovative and patented construction is made of one common plate and one interchanging part that can fit either a micro rotor module (ASE movement) or a module with an additional barrel linked in parallel (MSE movement).

Moreover, the ASE has been designed to integrate complication modules conceived by SCHWARZ ETIENNE's technical office. The second time zone indication (GMT) is even included in the volume of the original basic movement.

That modular philosophy allows anticipating future declinations of the movement to respond to high-end market requirements and satisfy the demands of customers: reactivity, flexibility and competitiveness.

Refinement

In addition to its technical qualities, the ASE can be appreciated for its aesthetic refinement, faithful to the traditional watch-making spirit: the balance specially developed for SCHWARZ ETIENNE, with or without its symbolic SE logo in the centre, straight Côtes de Genève decorated bridges, polished angles, engraved rotor, or gold rimmed wheels.



MAIN TECHNICAL FEATURES

Automatic winding by micro rotor
Micro rotor fixed by self-blocking key
213 components including 34 rubies
(depending on assembly)
Stop second timer
Autonomy of four (4) days

Designed to integrate complications

Display

Hours, minutes centred
Small second at 6 o'clock (optional)
Second time zone indication (GMT) in the center
(optional), correction with winding stem





ASE MANUFACTURING MODELS

AUTOMATIC MOVEMENT WITH DECENTRED MICRO ROTOR, MANUFACTURED BY SCHWARZ ETIENNE

Adjustments for ASE 100.00 version

By operating the two-positioned stem

1. Manual winding
2. Time setting (stop second)



SETTING THE TIME

The time is set by means of the crown.

The procedure is as follows:

1. Pull the crown out by one notch (position B)

Note: If your watch has a seconds hand, this is disengaged when the crown is in the time setting position.

2. Turn it clockwise to bring up the desired time
3. Push the crown back in against the case once the date has been set (position A).
The watch will restart instantly

On an automatic winding watch, the winding does not reach a stop. A few turns of the crown are sufficient to restart it.

ASE MANUFACTURING MODELS

AUTOMATIC MOVEMENT WITH DECENTRED MICRO ROTOR, MANUFACTURED BY SCHWARZ ETIENNE

Adjustments for ASE 120.00 version

By operating the three-positioned stem

1. Manual winding
2. GMT correction
3. Time setting (stop second)

SETTING THE TIME

The time is set by means of the crown.

The procedure is as follows:

1. Pull the crown out by one notch (position C)

Note: If your watch has a seconds hand, this is disengaged when the crown is in the time setting position.

2. Turn it clockwise to bring up the desired time
3. Push the crown back in against the case once the date has been set (position A).
The watch will restart instantly

On an automatic winding watch, the winding does not reach a stop. A few turns of the crown are sufficient to restart it.

GMT 24 HOUR CORRECTION FUNCTION

The second time zone time is synchronised with the main time and can be corrected at any time.

The procedure is as follows:

1. Pull the crown by one notch (position B)
2. Turn it to position the GMT hand to the desired time
3. Push the crown against the case, in the winding position (position A)



PRECAUTIONS

Your watch was manufactured with absolute care and will serve you durably provided you take the following precautions:

Water resistance

All SCHWARZ ETIENNE watches are waterproof up to 50 metres (5 ATU).

The watch in your possession has passed several water resistance tests in accordance with current ISO standards.

The water resistance of a watch protects the movement from dust, humidity as well as any risk of damage in case of immersion. The water resistance of a watch cannot be guaranteed indefinitely. It can be reduced by the aging of the seal (contact with cosmetics, sweat, temperature variation....) or by an accidental impact on the crown and/or push-buttons.

In order to protect the water resistance of your watch, we recommend you never use the crown and the push-buttons under water and ensure that the crown is pushed/screwed in completely after each use.

After immersion in salt water, rinse your watch with fresh water to prevent corrosion. Avoid swimming with a watch mounted on a leather strap to prevent accelerated wear.

In general, it is important to regularly clean the watch to avoid damage to the seals.

Under conditions of normal wear, it is also advisable to change the waterproof seals every two to three years.

CONDENSATION

Slight condensation may appear under the watch glass if your watch is subject to a sudden change in temperature. This mist will disappear by itself and will not affect the functioning of the watch.

If the condensation persists, please contact your official SCHWARZ ETIENNE watch dealer.

Leather straps

Leather ages and the lifespan of the strap depends on how often it is worn and how often it is in contact with humidity. Certain conditions accentuate the ageing process. In order to avoid premature wear and tear, avoid putting your watch into contact with water or cosmetics (creams and perfumes).

Cases and metal bracelets

To fully maintain your watch and keep its metal bracelet in good condition we recommend you clean it regularly. This should be done using a soft brush dampened with tepid soapy water (liquid soap) to remove the deposits which accumulate on the case and in between the links. Afterwards, rinse your watch in fresh water in order to remove any remaining traces of soap and dry it with a soft, dry cloth.

DEPLOYANT BUCKLES / WRISTLETS

There are several types of deployant buckle fitted on SCHWARZ ETIENNE watches. Depending on the model, conventional ardillon buckles, single or double deployant buckles, or even buckles with integrated wrist length adjustment are available.

Some are equipped with two push buttons positioned either side of the clasp, which can release the closing device and prevent any unwanted opening of the buckle. With a single press on the push buttons you can release the wristlet and take off your watch.

Certain rubber straps have a length adjustment system, for optimum comfort. A variation of 5mm in length can be quickly obtained via a single press on the push-piece inside the deployant buckle.

INTERNATIONAL GUARANTEE

Your SCHWARZ ETIENNE watch is guaranteed for 24 months from its date of purchase, under the conditions of this international guarantee.

The international guarantee is only valid if the guarantee certificate is fully and correctly completed, dated and signed by a SCHWARZ ETIENNE approved retailer.

During the term of the guarantee, and upon presentation of the valid guarantee certificate, faults existing upon the purchase of your SCHWARZ ETIENNE watch are repaired free of charge.

At www.schwarz-etienne.ch you will find all of the recommendations necessary for use and maintenance of your SCHWARZ ETIENNE watch. We advise you to follow them stringently, as the guarantee is annulled in case of misuse or inappropriate treatment.

THIS GUARANTEE DOES NOT COVER

- Wristlet wear (colour alteration, wristlet material alteration: leather, rubber...)
- The crystal (scratches)
- Ageing and normal wear of the watch
- Damage caused by misuse or inappropriate handling
- Incorrect treatment resulting from an accident or impact
- Operations carried out by someone who is not an authorised SCHWARZ ETIENNE watch dealer, which could result in your watch suffering serious damage for which we cannot be held responsible
- Theft or loss of the watch
- Watches whose serial numbers have been deliberately erased

SCHWARZ ETIENNE SA

Route de L'Orée-du-Bois 5
2300 La Chaux-de-Fonds
Switzerland
T. +41 (0)32 967 94 20

BOUTIQUE SCHWARZ ETIENNE

Avenue Léopold-Robert 56
2301 La Chaux-de-Fonds
Switzerland
T. +41 (0)32 967 96 06

info@schwarz-etienne.ch
www.schwarz-etienne.ch



SCHWARZ ETIENNE

EN MOUVEMENT DEPUIS 1902

