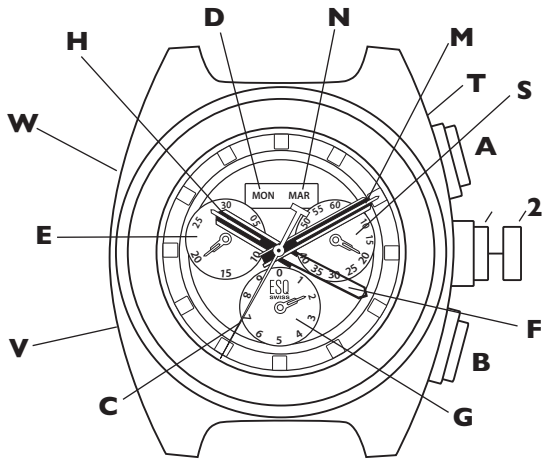# Operating Instructions
ESQ FUSION CHRONOGRAPH

Legend

H - Hour hand
M - Minute hand
S - Small seconds hand
F - Date indicator hand
C - Center-mounted chronograph seconds counter
E - Chronograph minutes counter
G - Chronograph tenths-of-a-second counter
   (hour counter after 30 minutes)
D - Day of week display
N - Month display
1, 2 - Crown positions
A - Chronograph start/stop push-button
B - Chronograph reset push-button
W - Day corrector button
T - Month corrector button
V - Date corrector button

A chronograph combines two time-keeping functions. It incorporates a device to measure intervals of time independent of the regular time shown on the dial. Your ESQ SWISS Fusion Chronograph may be used to time events up to 10 hours in duration, in 1/10 of-a-second increments.

Setting the Time:

1. Pull crown out to position 2. (Watch will stop.)
2. Turn crown in either direction to move hands to desired time. Be sure to take AM/PM into account so that date changes at midnight, not noon.
3. Push crown back in to position 1. (Watch will restart.)

NOTE: To set time to exact second, pull crown out to position 2 precisely when small seconds hand **S** reaches <<60>> position. (Watch stops.) Adjust time to one minute ahead, and take an accurate time signal, from a radio news station, for example. When audible tone signals exact time, immediately push crown back in to position 1. (Watch will restart, now set to the exact time.)

Setting the Date (quick change):

1. Use a pin or small pointed tool to press date corrector button **V**. Each press and release will advance date indicator hand **F** by one incre-

ment.

CAUTION: Do not press and hold corrector button **V**; holding it down could jam the date mechanism.

NOTE: If the date is adjusted during the automatic date changing phase (between 9:00 PM and 00:20 AM), set date to following day.

Setting the Time, Date, Day of week and Month:

1. Pull crown out to position 2. (Watch will stop.)
2. Turn crown in either direction to move hands to correct time, making sure date changes at midnight, not noon. (To set time to exact second, see "Setting the time".)
3. Push crown back in to position 1. (Watch will restart.)

NOTE: Each press and release on corrector buttons will advance setting by one increment:

4. Use corrector button **V** (on side of case at 8 o'clock) to advance Date indicator hand **F**.
5. Use corrector button **W** (on side of case at 10 o'clock) to advance Day of week shown in window **D**.
6. Use corrector button **T** (on side of case at 2 o'clock) to advance Month shown in window **J**.

Chronograph Function Overview

Use buttons **A** and **B** to operate the chronograph. Pressing button **A** the first time will start the chronograph. While the chronograph is running, once the chronograph seconds counter hand **C** has completed one turn, minute-counter hand **E** will jump ahead one minute. Tenths-of-a-second hand **G** does not move when the chronograph is running. Pressing button **A** a second time will stop the chronograph and move hand **G** to the relevant tenth-of-a-second mark. Pressing button **B** will reset hands **G**, **E** and **C** to zero. Adjusting the time does not stop the chronograph, but it does block buttons **A** and **B** for as long as the crown is pulled out.

IMPORTANT: Crown must be in position 1 and hands must be at zero before chronograph is started. Press button **B** to reset hands to zero. Do not push button **A** or **B** while crown is pulled to position 2. If button **A** or **B** is accidentally activated while crown is not flush against case, one or more of the chronograph hands will become de-synchronized. Should this occur, see directions for synchronizing hands at end of following instructions.

Simple chronograph functions:

To measure the duration of a single, non-stop event:

1. Press button **A** to start chronograph.
2. Press button **A** a second time to stop chronograph, and read the 3 chronograph hands to determine elapsed time, for example: 14 minutes, 37 seconds, 5/10 of a second.
3. Press button **B** to reset chronograph to zero.

Accumulated time functions:

To measure the combined time of a series of shorter events, for example the actual playing time of a football game, where play is repeatedly interrupted:

1. Press button **A** to start chronograph.
2. Press button **A** a second time to stop chronograph.
3. Press button **A** again to resume measurement.

4. Press button **A** a fourth time to stop chronograph again.

NOTE: Each time you stop chronograph, chronograph hands will indicate total accumulated time.

5. Repeat steps 1 and 2 to add each additional interval of time.

6. After you have taken your final accumulated time reading, press button **B** to reset chronograph hands to zero.

Split-time or intermediate time functions:
To take intermediate time readings as a race progresses:

1. Press button **A** to start chronograph.

2. Press button **B** to momentarily stop chronograph.

3. Read off the intermediate time, for example: 20 minutes, 26 seconds, 3/10 of a second.

4. Press button **B** to resume chronograph function. Hands will catch up with ongoing event.

5. To read a second split time, press button **B** again.

Repeat steps 2 through 4 to take any additional split times.

6. Press button **A** to stop chronograph.

7. Take a reading of the final time, for example: 57 minutes, 3 seconds, 7/10 seconds.

8. Press button **B** to reset chronograph hands to zero.

To Synchronize Chronograph Hands:
After a battery change or in the event of an error, you may need to manually adjust one or more chronograph hand to align them all correctly at their zero positions.

NOTES: Once in corrective mode, each press and release on push-button **A** will advance active chronograph hand by one increment. To advance hand rapidly, depress and hold push-button **A**.

1. Pull crown out to position 2.

2. Press and hold push-buttons **A** and **B** simultaneously for at least 2 seconds to enter corrective mode. When chronograph seconds hand **C** rotates 360°, corrective mode is activated; release buttons **A** and **B**.

3. Adjust center-mounted chronograph seconds hand **C** using push-button **A**.

4. When hand **C** reaches zero position, press push-button **B**.

5. Now press push-button **A** to adjust tenths-of-a-second counter hand **G**.

6. When hand **G** reaches zero position, press push-button **B**.

7. Use push-button **A** again to adjust minute counter hand **E**.

8. When hand **E** reaches zero position, push crown back in to position 1.

Timing hands are now synchronized at zero position, and chronograph is ready for use.

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